Barrick Gold Corp

Michèle Bélanger

Nicholas Teasdale

April 9, 1998

O:\612\RAPPORT\DRILLING\1997.DOC

SUMMARY

The Sims property consists of 24 claims staked in the central portion of Harker township, 24 km from the Ontario-Quebec boundary. In September 1997, outcrop stripping was carried out by René Sigouin Entreprise Inc. of Val d'Or and a drill program totaling 1531 meters (6 holes) was executed by M. Rouiller Drilling of Amos, Quebec.

The property is located in the Abitibi greenstone belt, within the northern part of the Kinojevis Group. Geology is dominated by a syenite plug which intrudes dominantly basaltic volcanic rocks.

Outcrop stripping was done on weak IP anomalies in the central West portion of the Sims property, within the syenite plug. Preliminary mapping did not expose any significant shear zone, mineralization or alteration.

The aim of the drill program was to test IP anomalies and structures which could host and/or control mineralized zones. Drill holes HM-97-02 and SI-97-03 tested a potential 45° NE-SW striking structure along the southeast contact between syenite and basalt. The syenite-basalt contact was intersected in both holes. Basalts are locally carbonate altered and cut by numerous syenitic dykes near the contact zone. Drill hole SI-97-04 targeted, without success, a potential mineralized extension of the McKenna fault within the syenite plug. The McKenna fault was intersected at the syenite-basalt contact and assays returned 1.27 g/t over 0.6 meter. Drill holes SI-97-05 and SI-97-06 tested two laterally continuous IP chargeability and resistivity anomalies to the north of the syenite plug. Both intersected moderately to strongly carbonate altered and fractured basalt with weak pyritic mineralization. Best result (4.54 g/t over 0.7 meter, SI-97-05) comes from a fault zone in carbonate altered basalt. Finally, hole SI-97-07 tested two IP trends at the northwest corner of the property. The hole intersected locally strongly altered basalt and a large syenitic dyke which returned isolated gold values between 227ppb and 450ppb.

TABLE OF CONTENTS

FIGURES

APPENDICES

INTRODUCTION

The Sims Property is located in Harker Township in northeastern Ontario, approximately 24 km from the Ontario-Quebec boundary and 7 km West of Holt McDermott mine (fig.1). This report presents the results of the 1997 drill program and outcrop stripping.

The outcrop stripping was executed from September 6th to September 16th, by crews of René Sigouin Entreprise Inc. of Val d'Or. The drill program (6 BQ DDH, totaling 1531m) was carried out from September 6th to October 1st, by M. Rouillier Drilling of Amos. Drill supervision and core description were performed by Barrick geologists P. St-Germain, M. Bélanger and project geologist N. Teasdale with the technical assistance of M. Gauthier and M. Proulx.

PROPERTY DESCRIPTION, LOCATION AND ACCESS

The Sims Property is located approximately 40 km to the NNE of Kirkland Lake and 64 km NW of Rouyn-Noranda (N.T.S. 32D/5, 32D/12). T he property consists of 24 unpatented 16 hectare claims staked in the central portion of the Harker Township (fig. 2). The property is easily accessible by vehicle as Highway 101 passes 2.5 km to the North and road 672, 1.5 km to the East. The main access is a gravel road leading West from road 672. Secondary roads lead North from this access road, towards the Sims property, and end on Highway 101.

REGIONAL GEOLOGY

The Sims property is located in the Abitibi greenstone belt, within the northern part of the Kinojevis Group (fig. 1). Regional geology is dominated by mafic and lesser ultramafic flows of variable thickness and local bands of sediments (sandstone, siltstone, argillite, conglomerate, iron formation). The volcanic rocks are intruded by syenitic stocks.

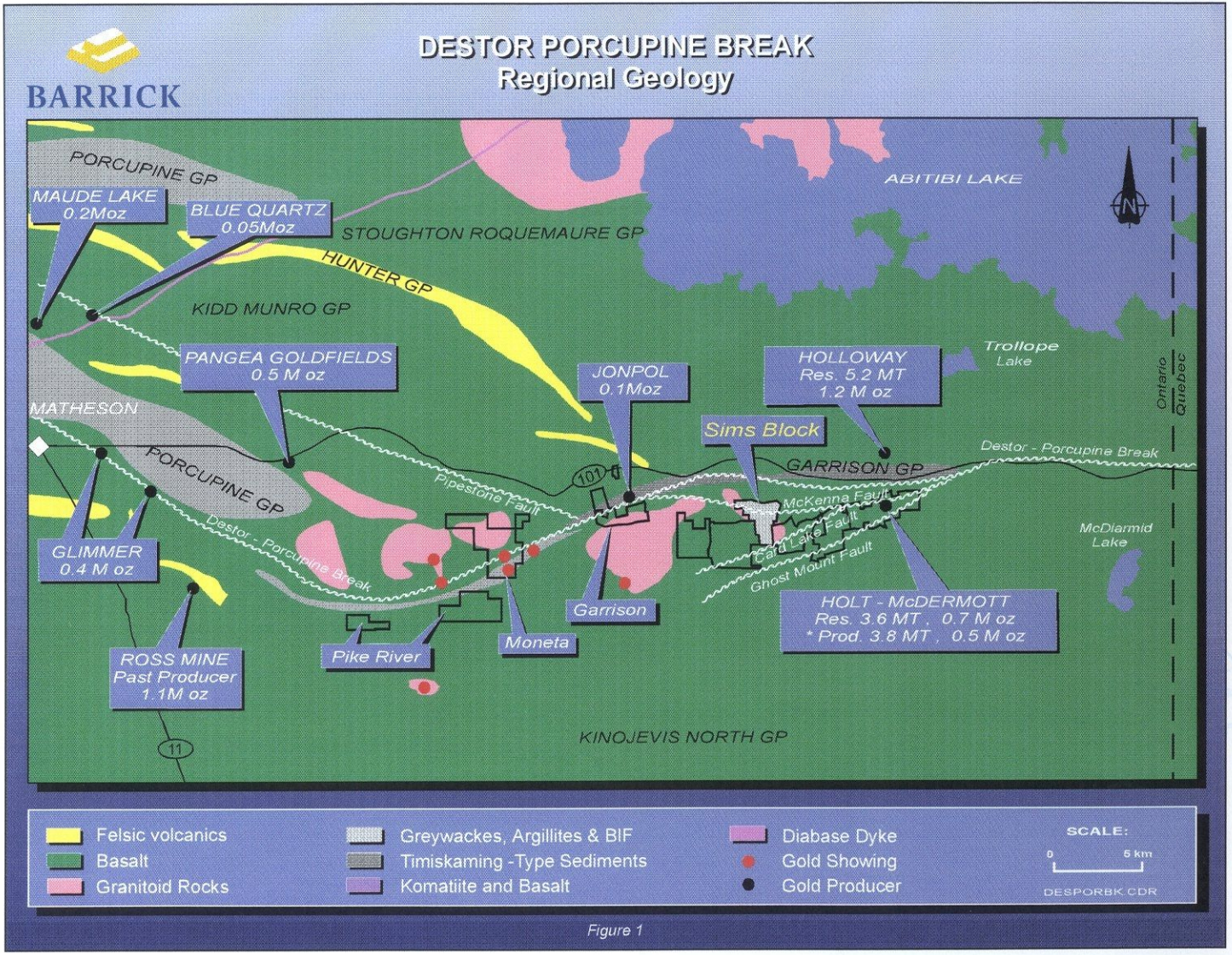

BARRICK
DESTOR PORCUPINE BREAK
Regional Geology
PORCUPINE GP
MAUDE LAKE
0.2Moz
BLUE QUARTZ
0.05Moz
STOUGHTON ROQUEMAURE GP
HUNTER GP
KIDD MUNRO GP
ABITIBI LAKE
N
PANGEA GOLDFIELDS
0.5 M oz
JONPOL
0.1Moz
HOLLOWAY
Res. 5.2 MT
1.2 M oz
Trollope
Lake
Ontario
Quebec
MATHESON
Sims Block
Destor - Porcupine Break
GARRISON GP
PORCUPINE GP
Pipestone Fault
101
McKenna Fault
Card Lake Fault
Ghost Mount Fault
McDiarmid
Lake
GLIMMER
0.4 M oz
Destor - Porcupine Break
Garrison
HOLT - McDERMOTT
Res. 3.6 MT , 0.7 M oz
* Prod. 3.8 MT , 0.5 M oz
ROSS MINE
Past Producer
1.1M oz
Pike River
Moneta
11
KINOJEVIS NORTH GP
Felsic volcanics
Basalt
Granitoid Rocks
Greywackes, Argillites & BIF
Timiskaming -Type Sediments
Komatiite and Basalt
Diabase Dyke
Gold Showing
Gold Producer
SCALE:
0
5 km
DESPORBK.CDR

Figure 1

HOLT McDERMOTT PROJECT

CLAIM MAP, SIMS BLOCK

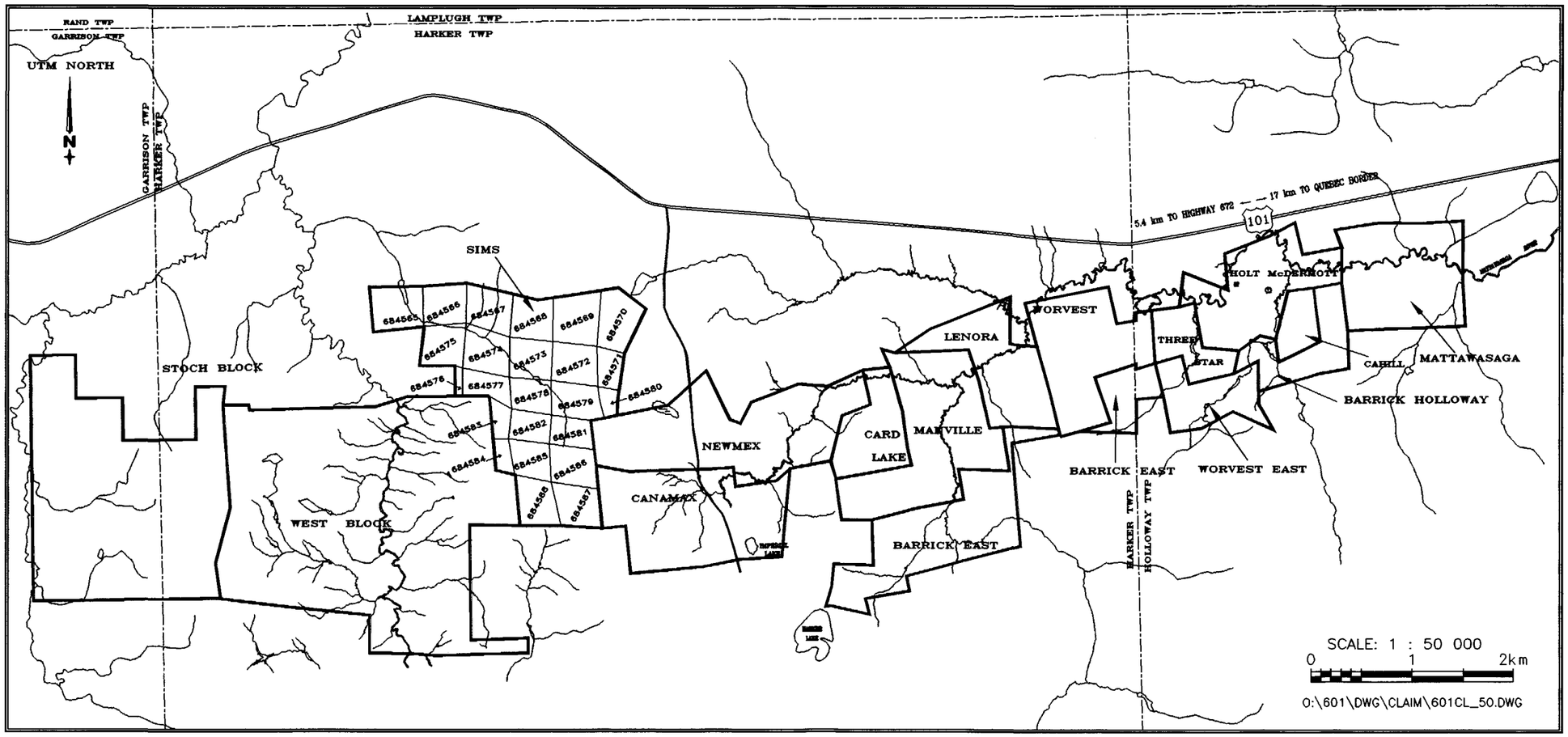


Figure 2

The Destor-Porcupine Fault Zone is the main structural feature that extends for about 200 km from Destor (Quebec) to Timmins (Ontario). This major structure (and associated secondary splays) hosts many gold deposits.

PROPERTY GEOLOGY

The main geological feature consists of a small syenite plug which intrudes dominantly basaltic volcanic rocks. Syenite is mainly porphyritic and dominates the Sims property. Mafic flows, NE trending and steeply South dipping, are present in the northeastern and southeastern portions of the property (fig. 3).

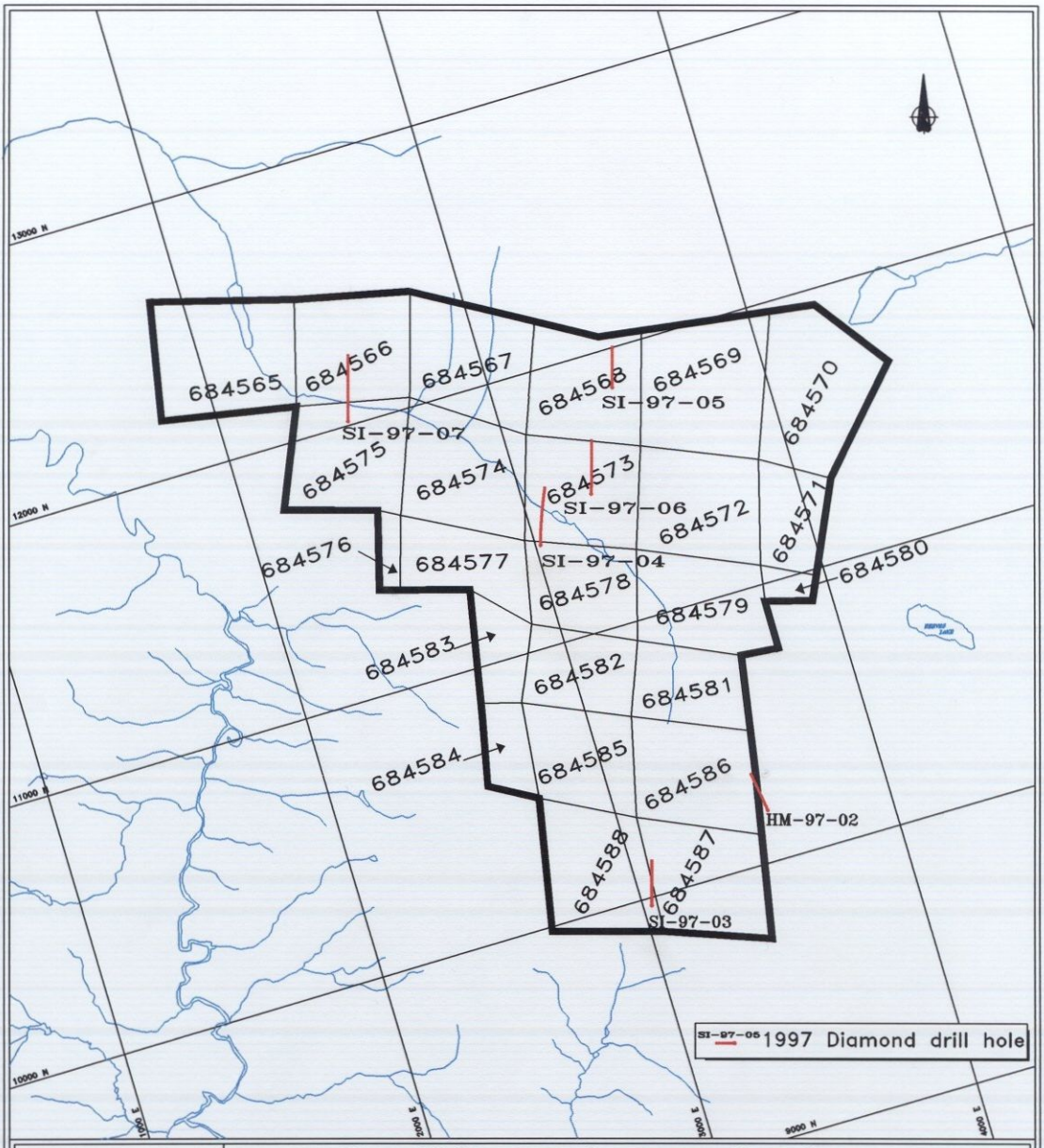
The main structural feature is the McKenna Fault, which runs across the length of the property along the northern syenite-volcanic contact. This fault is a splay of the Destor-Porcupine Fault Zone and can be traced for at least 10 km.

OUTCROP STRIPPING

Outcrop stripping was done on weak IP anomalies in the central West portion of the Sims property, within the syenite plug (L10+00E, 6+50N; Claim #684582; fig. 3). Preliminary mapping did not expose any significant shear zones, mineralization or alteration. For this reason, the outcrops were not mapped or sampled in detail during the summer of 1997.

SUMMARY OF DRILLING

In 1997, the drilling performed on the Sims property totaled 1531 meters and was distributed in six holes; HM-97-02 (226m, collared on the Canamax Block, 100m), SI-97-03 (247m), SI-97-04 (328m), SI-97-05 (218m), SI-97-06 (268m) and SI-97-07 (321m) (fig. 3). This phase of drilling



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT MCDERMOTT PROJECT - SIMS BLOCK -
DRILL HOLES LOCATION MAP

DRAWN BY	P.L.	PROJECT NO.	603
GEOLOGY BY	M.B., N.T.	RANGE(S)	
REVISED BY		TOWNSHIP(S)	Harker twp
APPROVED BY	Gerald Panneton	N.T.S.	
REMARK	April, 1998	INF NO.	8X11SIMS.DWG

SCALE
1 : 20 000
0 400 800m

O:\601\dwg\plan\20000....

Figure 3

was intended to test IP anomalies and structures which could host and/or control mineralized zones. Copies of the drill hole logs and sections can be found in Appendices III and VII respectively.

HM-97-02 L19+35E, 1+70N; Azimuth 335°, dip –50°. Length: 226 meters
0-100m Claim #842507; 100-226m Claim #684586

HM-97-02 targeted an IP trend along the East contact of the Garrison stock. The drill hole was collared on the Canamax Block of the Holt McDermott property and crossed onto the Sims Block at 100m.

The hole intersected a sequence of pillowed and massive basalt, weakly to locally strongly silicified and ended in the porphyritic syenite. From 58.8 to 76.0m the basalt is weakly silicified with 1-2% quartz-carbonate veinlets and contain some 3% syenitic dykes. Basalts are generally carbonate altered at dyke contacts. A strongly carbonate altered brittle fault and silicified zone was cut between 64.1 and 64.3m. The major basalt-syenite contact was intersected at 152.1m. From 82.6 to 152.1m, basalts are moderately to strongly carbonate altered with 2% quartz-carbonate veinlets. Numerous syenitic dykes cut the basalts in this zone (25-30%).

SI-97-03 L15E, 1+75S; Azimuth 360°, dip –50; Length: 247 meters
0-246m Claim #684587

DDH SI-97-03 targeted the intersection of the previous IP trend with a low mag within basalt immediately to the South of the syenitic plug. The mag low is adjacent to a mag high and a second mag low to the North. We had anticipated this hole to be entirely drilled in basalt, but intersected magnetic syenite at 60.1 meters down hole.

The hole began in weakly carbonate altered dioritic basalt cut by syenitic dykes. The major basalt-syenite contact was intersected at 60.1m. The contact is characterized by a fault from

59.1 to 60.1m. The fault is brecciated with quartz-carbonate veinlets increasing downhole towards the lower contact. The syenite is mainly porphyritic, magnetite rich, locally weakly silicified and hematized, and is itself cut by fine grained syenitic dykes. From 235.5 to 236.5m, a strongly carbonate altered and silicified fault zone was intersected within the syenite.

SI-97-04 L11+00E, 11+70N; Azimuth 003°, dip –50; Length: 328 meters
0-328m Claim #684573

SI-97-04 targeted the possible extension of the McKenna Fault onto the Sims block syenite intrusive. The drill target also coincided with an unexplained significant overburden gold anomaly found by previous RC drilling by Kerr Addison.

The hole began in mafic rock (possibly a dyke or basalt "fragment"), continued in the syenite intrusive, and intersected the McKenna fault at the syenite-basalt contact to end in pillowed basalt.

The syenite intrusive is mainly porphyritic and locally cut by fine grained and weakly altered syenitic dykes. Mafic dykes were also observed locally within the syenite. From 296.3 to 312.1m, the McKenna fault is characterized by a mixture of altered basalt and syenitic dykes. The zone is strongly foliated and brecciated. From 306.3 to 308.2m, the basalt is strongly brecciated with 8-10% Py.

SI-97-05 L14E, 17+50N; AZIMUTH 360°, DIP –50; LENGTH: 218 METERS
0-218m Claim #684568

SI-97-05 targeted Northern IP trend #2 at line 14E. The IP anomaly consisted of a laterally continuous chargeability anomaly without significant change in resistivity.

The hole intersected a large sequence of massive to pillowed basalt (locally glomeroporphyritic). The basalts were locally cut by strongly altered syenitic dykes. Basalts are moderately carbonate altered with 1-2% disseminated Py and strongly fractured (brittle

faults). The three most important fault zones were encountered from 36.0 to 81.0m, 108.2 to 114.4m and 124.6 to 127.6m. Intense fracturing with local fault gouge and poor core recovery characterizes these fault zones.

SI-97-06 L13E, 13+55N; AZIMUTH 360°, DIP-45; LENGTH 268 METERS

0-268m Claim #684773

SI-97-06 targeted Northern IP trend #1 at line 13E. The well defined IP anomaly is located in basalt some 250 meters to the north of the syenite-basalt contact.

The hole began in a syenitic dyke zone locally altered (hematite-jasper), intersected the McKenna fault from 48.9 to 71.3, continued and ended in basalts locally strongly altered and fractured. From 71.3 to 94.3 m, basalts are weakly to locally strongly carbonate altered, with 7-9% quartz-carbonate veinlets. Numerous faults cut basalts from 235.6 to 255.4 m. These faults are 0.2 to 3.0 meters wide and are characterized by a strong carbonate alteration and 2-25% pyrite.

SI-97-07 L3+91E,16+36.5N; AZIMUTH 360°, DIP-45; LENGTH 321 METERS

0-321m Claim #684566

DDH SI-97-07 tested the Northern IP trends #1 and #2 at the Northwest corner of the Sims Block.

The hole began in the Sims syenite intrusion, cut the McKenna Fault zone, continued and ended in locally altered basalt.

The McKenna Fault zone (Syenite-basalt contact) was cut from 46.5 to 53.3 and is characterized by a strong foliation and carbonate alteration. Basalts from 53.3 to 164.8 are locally sheared and fractured, moderately to strongly carbonate altered, 5-7% quartz-carbonate

veinlets and cut by syenite dykes (10%). A major syenite dyke was intersected from 164.8 to 193.5m. From 193.5 to 321m, basalts are moderately altered and locally strongly altered. Alteration zones are characterized by a strong silicification with quartz-carbonate veinlets or by syenitic dykes locally sheared and strongly carbonated altered. The most important alteration zones were cut from 193.5 to 197.5m, 256.9 to 259.9m, 279.5 to 285.2m and 299.6 to 301.0m

ANALYSIS AND LITHOGEOCHEMISTRY

Sampling of the core included whole-rock geochemistry of the different lithologies encountered, assays of Ag-Cu-Zn in ppm and Au in ppb. All samples (87 whole-rock and 654 Au-Ag-Cu-Zn analysis from core) were sent to Chimitec's laboratory in Val d'Or, Québec. Results are listed in Appendices IV and V.

CONCLUSION

Neither the 1997 drilling program nor the outcrop stripping exposed any new zones with either significant alteration, mineralization or near-economic mineralization. No further work is recommended on any of the targets tested in 1997.

CERTIFICATE OF QUALIFICATIONS

I HEREBY CERTIFY THAT:

I currently reside at 90 A, Avenue des Iles, Rouyn-Noranda, Quebec, J9X 2A3.

I hold an engineering degree in Geological Engineering from University of Quebec in Chicoutimi, completed in 1992 and a Master in Applied Science degree in Geology from INRS-Georessources of Quebec, completed in 1995.

I have practiced my profession since June 1990 and I have been employed full-time since June 1995.

I am a member of the Association des Prospecteurs du Quebec.

I am co-author of this report which is based on persomal observations and on the study of the previous work done on the property.

I have no interest, direct or indirect, in the property, nor do I anticipate any such interest.

_____

Michèle Bélanger, M.Sc.A.

CERTIFICATE OF QUALIFICATIONS

I HEREBY CERTIFY THAT:

I currently reside at 17, 6e rue, Rouyn-Noranda, Quebec, J9X-1Y5

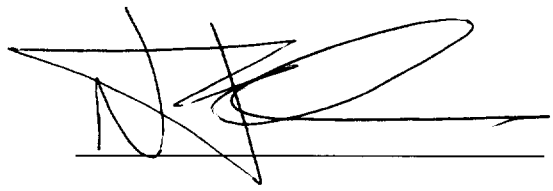
I hold a Bachelor of Science Degree in Geology from University of Montreal, completed in 1990 and a Masters in Applied Science degree in Mining Geology from Ecole Polytechnique, in Montreal, completed in 1993.

I have practiced worked in mining exploration since June 1986 and have been employed full-time with Barrick Gold corp. since January 1996.

I am a member of: the Canadian Institute of Mining and Metalurgy, the Geological association of Canada and the Society of Economic Geologists.

I am co-author of this report which is based on personal observations and on the study of previous work done on the property.

I have no interest, direct or indirect, in the property, nor do I anticipate any such interest.



Nicholas Teasdale, B.Sc., M.Sc.A.
Project Geologist, Barrick Gold Corp.

Appendix I

Claims List and Status

Harker Sims Project (612)

Claims list and status

claim #	Unit	Township	Expiration date	Work required
L 684565	1	Harker	00/11/29	400$
L 684566	1	Harker	00/11/29	400$
L 684567	1	Harker	00/11/29	400$
L 684568	1	Harker	00/11/29	400$
L 684569	1	Harker	00/11/29	400$
L 684570	1	Harker	00/11/29	400$
L 684571	1	Harker	00/11/29	400$
L 684572	1	Harker	00/11/29	400$
L 684573	1	Harker	00/11/29	400$
L 684574	1	Harker	00/11/29	400$
L 684575	1	Harker	00/11/29	400$
L 684576	1	Harker	00/11/29	400$
L 684577	1	Harker	00/11/29	400$
L 684578	1	Harker	00/11/29	400$
L 684579	1	Harker	00/11/29	400$
L 684580	1	Harker	00/11/29	400$
L 684581	1	Harker	00/11/29	400$
L 684582	1	Harker	00/11/29	400$
L 684583	1	Harker	00/11/29	400$
L 684584	1	Harker	00/11/29	400$
L 684585	1	Harker	00/11/29	400$
L 684586	1	Harker	00/11/29	400$
L 684587	1	Harker	00/11/29	400$
L 684588	1	Harker	00/11/29	400$
	24			9,600$

Appendix II

1997 Statement of Expenditures

HARKER SIMS PROJECT
1996-98 STATEMENT OF EXPENDITURES

**based on expenditures as of March 31, 1998*

ITEM	1996	1997	1998	TOTAL
Option Payments	10,000.00	20,000.00	5,000.00	35,000.00
Mining taxes	312.00	0.00		312.00
Linecutting,Transit and GPS	10,475.00	0.00		10,475.00
Ground Geophysics & Consulting	20,337.50	100.00		20,437.50
Stripping and trenches	0.00	6,236.25		6,236.25
Diamond Drilling	0.00	75,609.45		75,609.45
Core Handling and Assays	0.00	12,163.69		12,163.69
Camp Equipment and Maintenance	0.00	865.28		865.28
Salaries	7,902.21	25,000.00		32,902.21
Administration and supplies	0.00	7,080.33	267.89	7,348.22
Post, Shipping and Phone	23.38	82.50		105.88
Reproduction and Drafting	31.48	0.00		31.48
Meals and Accomodations	5.55	360.44	7.83	373.82
Truck	0.00	1,188.90		1,188.90
Miscellaneous	0.00	0.00	350.00	350.00
TOTAL	**49,087.12**	**148,686.84**	**5,625.72**	**203,399.68**
TOTAL WORK EXPENDITURES	***39,087.12***	***128,686.84***	***625.72***	***168,399.68***
Drilling (meters)		1531.00		

Appendix III

Drill Hole Logs
(HM-97-02, SI-97-03, SI-97-04, SI-97-05
SI-97-06 and SI-97-08)

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage HM-97-02

LOCALISATION
Ligne : 19+35E
Station: 1+70N

Canton : Harker
Rang :
Lot :
Claim #: 842507
Latitude : 10189.80 N
Longitude: 3545.80 E
Elevation: 5009.79
Référence:
Niveau : Surface

SONDAGE
Azimut : 351°30' 0"
Inclinaison: -50° 0' 0"
Longueur : 226.00 M
Commencé le: 06/09/1997
Terminé le : 08/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau:

CAROTTE
Entreposée à: HMcDermott
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010714B
Décrit par : P. Saint-Germain
Rédigé le : 09/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Down Hole deviation is based on mine north

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
13.00	A	Non	-50° 0' 0"	-	-				-
43.00	A	Non	-49° 0' 0"	-	-				-
73.00	A	Non	-48° 0' 0"	-	-				-
103.00	A	Non	-48° 0' 0"	-	-				-
133.00	A	Non	-48° 0' 0"	-	-				-
163.00	A	Non	-48° 0' 0"	-	-				-
193.00	A	Non	-48° 0' 0"	-	-				-
223.00	A	Non	-48° 0' 0"	-	-				-
-				-	-				-
-				-	-				-
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-				-	-				-
-				-	-				-

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
0.00	13.00	┤MT├ Mort-terrain.										
13.00	20.90	V3BD MA;(Cc);tr.Py Basalte dioritique(noir verdâtre) à grains fins. Texture massive. Calcitisation moyenne localement, faible silicification. Pyrite en traces. Veinules de Cc(1-2mm)(2-3%) et petits dykes de syénite(1-5mm); 10% de D2S. Dyke de syénite déformé et bouliné sur 20cm à 16.8m. Dyke de syénite de 50cm à 18.4m. 15.10- 15.40 FLT Faille probable. Boue de faille dans les plans de cassure de la roche. 16.20- 16.60 FLT;Cc+;3%Py Faille probable. Calcitisation forte à moyenne. Pyrite finement disséminée(3%). L'éponte au contact supérieur est calcitisée moyennement sur 15cm. Un petit(6cm) dyke brèchifié de syénite se trouve au contact inférieur. L'éponte au contact inférieur est faiblement calcitisée jusqu'au dyke de 50cm à 18.4m.										
20.90	36.95	V3B PIL;Si+Ep;1%Py Basalte altéré. Texture coussinée. Silicification forte, épidotisation moyenne. Bordures de coussins moyennement épidotisées, faiblement hématisées et calcitisées avec 3-5%Py. Présence probable de grenat dans ces bordures. Pyrite en amas dans les bordures de coussins(1%). Contact supérieur fortement calcitisé sur 10cm. Veine de Qz de 10 cm à 35m; seules les épontes sont altérées, 5%Py dans la veine et dans les épontes. Quelques petits dykes de syénite(1mm à 6cm) souvent altérés(hématisation ou épidotisation) avec parfois de la pyrite en amas(traces); <1% de D2S. 27.00- 29.80 D3;Ep;1%Py Dyke mafique(gris moyen-vert pâle) à grains moyens. Texture massive. Epidotisation moyenne, faible silicification. Pyrite disséminée et en petites veinules(1-2%). Contact inférieur net ondulé à environ 30°.		326685 326686 326687 326688 326689 326690 326691 326692 326693	20.90 21.80 22.30 23.80 24.50 25.70 34.00 34.90 35.40	21.80 22.30 23.80 24.50 25.70 27.00 34.90 35.40 36.60	0.90 0.50 1.50 0.70 1.20 1.30 0.90 0.50 1.20	<5 <5 <5 <5 <5 <5 <5 <5 <5	74 180 62 56 61 60 75 95 89	35 23 27 25 21 23 30 30 30	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1
36.95	58.80	V3B(D2S);(Cc+);<1%Py Basalte gris foncé à grains fins. Texture massive à coussinée. Silicification faible, calcitisation faible localement et fortement aux contacts de dykes, épidotisation et silification moyenne localement. Pyrite disséminée et en amas (<1%). Veinules de Cc(1-2mm)(2-3%) et petits dykes de syénite(1mm à 13cm); 15% de D2S.										

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		42.70- 43.60 V3B PIL;Ep+;1%Py										
		Basalte épidotisé vert pâle(probabalement une bordure de coussin). 5%										
		de Cb. Parallèle à l'angle de la carotte. Présence d'un dyke de										
		syénite de 20 cm avec pyrite en amas(<1%) et pyrite disséminée aux										
		épontes(3%).										
				326694	47.00	48.00	1.00		<5	80	33	<0.1
				326695	48.00	48.50	0.50		165	54	109	0.5
		48.50- 50.40 D2S MA;Si-Hm-;2%Py		326696	48.50	49.00	0.50		311	152	617	1.6
		Dyke de syénite. Texture massive à porphyrique, localement fracturée.		326697	49.00	50.30	1.30		76	55	14	<0.1
		Faible silicification et hématisation. Pyrite disséminée et		326698	50.30	51.00	0.70		32	114	118	<0.1
		incluse dans les fractures(2%). Contact supérieur fracturé et										
		pyriteux; 40% de pyrite fine dans l'éponte(6cm).										
		50.40- 51.00 V3B MA;Cc+Hm-Si-;5%Py										
		Zone fortement calcitisée et faiblement hématisée. Coincée entre 2										
		dykes de syénite. Pyrite disséminée abondante aux contacts de										
		dykes(5%).										
		51.00- 53.00 D2S MA;Si-Hm-;2%Py		326699	51.00	52.00	1.00		33	37	13	0.2
		Dyke de syénite. Texture massive à porphyrique, localement fracturée.										
		Faible silicification et hématisation. Pyrite disséminée, en amas et										
		incluse dans les fractures(2%).										
		53.00- 58.80 V3B AMYG;Si-Cc-;<1%Py										
		Basalte gris foncé à grains fins. Texture amygdulaire. Silicification										
		faible, calcitisation faible localement et fortement aux contacts de										
		dykes. Pyrite disséminée, en amas et incluse dans les amygdules(<1%).										
		Les amygdules sont très peu hématisés et surtout épidotisés.										
58.80	76.00	V3B MA;vQzCb;1%Py		326700	58.80	59.80	1.00		<5	92	39	<0.1
		Basalte gris foncé à grains fins. Texture massive. Altération de veines de		326701	59.80	60.30	0.50		<5	75	32	<0.1
		Qz-Cb faible(texture de stockwork(vQzCb)faiblement développée). Silicification		326702	60.30	61.00	0.70		<5	94	50	<0.1
		faible. Calcitisation moyenne localement, surtout aux contacts de dykes.		326703	61.00	62.50	1.50		<5	48	47	<0.1
		Carbonatisation et silicification moyenne localement. Pyrite disséminée et en		326704	62.50	63.40	0.90		<5	54	68	<0.1
		amas(1%). Petits dykes de syénite(3mm à 3cm); 3% de D2S. Dyke de syénite de		326705	63.40	63.90	0.50		<5	95	68	<0.1
		30cm à 70.6m; amphibolitisé, moyennement calcitisé, avec 1%Py.										
		63.60- 64.15 V3B MA;CcSi-;1%Py		326706	63.90	64.50	0.60		15	57	73	<0.1
		Zone moyennement calcitisée. Pyrite en amas(1%).										
		64.15- 64.30 FLT BX;Cc+Si;2%Py										
		Faille brèchifiée, fortement calcitisée, silicifiée. Pyrite en										
		amas(1-2%).										
				326707	64.50	65.70	1.20		<5	66	42	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				326708	65.70	66.60	0.90		13	47	59	<0.1
				326709	66.60	67.30	0.70		<5	51	75	<0.1
				326710	67.30	68.30	1.00		<5	34	115	<0.1
		68.30- 69.00 D2S MA;Hm-;2%Py Dyke de syénite. Texture massive. Hématisation faible. Pyrite en amas(2%). Contact supérieur à 55°; éponte comprenant beaucoup de cristaux de magnétite et très calcitisée. Eponte inférieure également très calcitisée.		326711	68.30	69.00	0.70		50	7	21	<0.1
				326712	69.00	69.50	0.50		<5	36	79	<0.1
				326713	69.50	70.00	0.50		<5	24	43	<0.1
				326714	70.00	70.90	0.90		41	44	42	<0.1
				326715	70.90	71.40	0.50		<5	64	63	<0.1
				326716	71.40	72.30	0.90		<5	48	42	<0.1
				326717	72.30	73.20	0.90		<5	100	51	<0.1
				326718	73.20	73.70	0.50		<5	106	35	<0.1
				326719	73.70	75.30	1.60		<5	96	44	<0.1
				326720	75.30	76.30	1.00		<5	108	47	<0.1
76.00	82.60	V3BD MA;;<1%Py Basalte dioritique à grains moyens. Texture massive. Très peu altéré. Pyrite disséminée et localement en amas(<1%). Très homogène; peu de dykes de syénite.										
		76.25- 79.60 V3B MA;Cc+Si-;<1%Py Zone fortement calcitisée. Basalte localement dioritique, sinon idem au niveau 1 précédent. 4-5% de veinules(1-2mm) de Cc. Présence d'une petite(3cm) veine de Qz-Cc(Cl) déformée.		326721	76.30	77.10	0.80		<5	63	108	<0.1
				326722	77.10	78.10	1.00		<5	78	43	<0.1
		78.00- 78.80 D2S PORP;Si+Hm- Dyke de syénite. Texture porphyrique. Silicification forte, faible hématisation. Contact supérieur à 35°.										
				326723	82.50	84.00	1.50		<5	75	45	<0.1
82.60	152.10	V3B-D2S;Cc+vQzCb;1%Py Basalte gris foncé à grains fins, localement gabbroïque et/ou dioritique. Altération de vQzCb moyenne à forte, silicification faible. Calcitisation moyenne à forte. Pyrite surtout en petits amas(1-2%). Petits dykes de syénite(1mm à 24cm); 25 à 30% de D2S. Dyke de syénite de 60cm à 100.2m, à 123.6m, de 50cm à 127m, de 50cm à 145.2m. Brèches d'environ 20cm chacune observée à 108.7m(20cm), à 123m(25cm) et à 125.7m(5cm).										
		82.60- 86.00 V3B MA;vQzCb-Si-;1%Py Idem à 58.8-76. Altération vQzCb faible. Dyke de syénite silicifié de 30 cm à 85.7m.		326724	84.00	85.00	1.00		<5	191	51	<0.1
				326725	85.00	85.50	0.50		<5	119	79	<0.1
				326726	85.50	86.00	0.50		<5	44	65	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				326727	86.00	86.50	0.50		<5	53	72	<0.1
				326728	86.50	87.90	1.40		<5	73	70	<0.1
				326729	87.90	88.60	0.70		6	73	81	<0.1
				326730	88.60	89.50	0.90		<5	83	69	<0.1
				326731	89.50	90.80	1.30		<5	74	78	<0.1
				326732	90.80	92.10	1.30		<5	69	46	<0.1
				326733	92.10	92.80	0.70		107	46	94	<0.1
				326734	92.80	93.30	0.50		8	106	52	<0.1
				326735	93.30	94.30	1.00		<5	100	34	<0.1
		96.70- 98.90 D2S PORP;Si-;<1%Py Dyke de syénite. Texture porphyrique. Faible silicification. Pyrite en amas(<1%). Amas d'amphiboles. Contact supérieur à 35°.										
				326736	103.90	104.90	1.00		<5	93	69	<0.1
				326737	104.90	105.40	0.50		9	48	117	<0.1
				326738	105.40	106.90	1.50		7	125	84	<0.1
		106.90- 107.90 D2S PORP;Si-;tr.Py Dyke de syénite. Texture porphyrique. Faible silicification. Traces de pyrite. Présence d'un petit(3cm) dyke de D2S/Jsp.		326739	106.90	107.90	1.00		<5	19	41	0.2
				326740	107.90	108.60	0.70		<5	63	100	<0.1
				326741	108.60	109.10	0.50		<5	73	52	0.2
				326742	109.10	110.00	0.90		34	61	42	0.3
		110.00- 114.70 D2S MA;Si-;1%Py Dyke de syénite. Texture massive. Silicification faible à moyenne. Pyrite en amas localement(1%). Contact supérieur à 55°.		326743	110.00	111.00	1.00		<5	33	14	<0.1
				326744	111.00	112.40	1.40		44	76	8	0.3
				326745	112.40	113.20	0.80		<5	45	8	<0.1
				326746	113.20	114.70	1.50		466	25	17	0.3
				326747	114.70	115.60	0.90		27	100	169	0.2
		115.55- 120.30 D2S MA;Si-;<1%Py Dyke de syénite. Idem à 110-114.7m. Contacts à 80°. Contact inférieur pyriteux.		326748	115.60	116.90	1.30		<5	43	14	0.2
				326749	116.90	118.60	1.70		<5	38	9	<0.1
				326750	118.60	119.40	0.80		<5	15	12	<0.1
				326751	119.40	120.30	0.90		<5	9	11	0.2
				326752	120.30	121.30	1.00		19	80	75	0.4
				326753	121.30	121.80	0.50		<5	132	100	0.2
				326754	121.80	122.80	1.00		<5	105	59	<0.1
				326755	122.80	123.50	0.70		<5	107	53	<0.1
				326756	123.50	124.20	0.70		<5	8	34	<0.1
				326757	124.20	125.50	1.30		<5	67	49	<0.1
				326758	125.50	126.10	0.60		<5	94	53	<0.1
				326759	126.10	126.60	0.50		<5	244	61	<0.1
				326760	126.60	127.60	1.00		<5	106	54	<0.1
				326761	127.60	128.90	1.30		<5	185	58	0.2

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		127.90- 136.80 V3B PIL;Cc-;1%Py		326762	128.90	129.40	0.50		<5	106	33	0.2
		Basalte gris foncé à grains fins. Texture coussinée localement		326763	129.40	130.60	1.20		<5	127	55	<0.1
		amygdulaire. Calcitisation faible, moyenne localement. Pyrite		326764	130.60	131.10	0.50		<5	175	51	<0.1
		concentrée surtout dans les bordures de coussins et les		326765	131.10	132.50	1.40		17	58	30	<0.1
		amygdules(1-2%).		326766	132.50	133.00	0.50		<5	67	65	<0.1
				326767	133.00	134.50	1.50		<5	64	37	<0.1
				326768	134.50	135.10	0.60		<5	57	32	<0.1
				326769	135.10	136.30	1.20		<5	77	66	<0.1
				326770	136.30	136.80	0.50		242	86	44	0.2
				326771	136.80	137.30	0.50		209	145	61	<0.1
				326772	137.30	138.00	0.70		368	129	122	<0.1
		138.00- 139.10 D2S MA;Si-;tr.Py		326773	138.00	139.10	1.10		11	11	33	0.3
		Dyke de syénite. Texture massive. Faible silicification. Pyrite		326774	139.10	139.90	0.80		<5	85	119	0.2
		localement en amas(tr.). Eponte supérieure calcitisée. Contact										
		inférieur à 55°.										
		139.60- 142.00 D2S MA;Si-;<1%Py		326775	139.90	141.30	1.40		<5	23	13	0.2
		Dyke de syénite. Texture massive. Silicification faible à moyenne.		326776	141.30	142.00	0.70		<5	8	55	<0.1
		Pyrite en amas(<1%). Contact supérieur déformé, contact inférieur à										
		55°.										
				326777	142.00	142.90	0.90		<5	55	55	<0.1
				326778	142.90	144.20	1.30		<5	61	35	<0.1
				326779	144.20	145.20	1.00		<5	74	55	<0.1
				326780	145.20	145.70	0.50		<5	10	19	<0.1
				326781	145.70	146.40	0.70		26	86	66	0.2
				326782	146.40	146.90	0.50		38	279	57	<0.1
				326783	146.90	148.00	1.10		9	105	64	<0.1
				326784	148.00	149.40	1.40		<5	103	77	<0.1
				326785	149.40	150.80	1.40		<5	76	108	<0.1
				326786	150.80	151.30	0.50		14	67	173	0.2
				326787	151.30	152.10	0.80		<5	63	102	<0.1
152.10	226.00	I2S PORP;Si-Hm-;1%Py		326788	152.10	154.00	1.90		<5	16	18	<0.1
		Syénite. Texture porphyrique. Localement silicifié et hématisé. Pyrite		326789	172.00	172.70	0.70		13	16	11	<0.1
		disséminée(1%). Localement calcitisé(couleur gris clair).		326790	172.70	174.10	1.40		97	22	11	<0.1
				326791	174.10	174.90	0.80		27	21	11	<0.1
		174.60- 175.80 I2S;HmSi-;1%Py		326792	174.90	175.80	0.90		170	13	7	0.2
		Syénite(brun rouge) à grains fins à moyens. Hématisation moyenne,										
		faible silicification. Pyrite finement disséminée(1%).										
		183.20- 190.70 I2S;Hm-Cc-;1%Py		326793	186.40	187.80	1.40		52	7	7	<0.1
		Syénite à grains fins à moyens. Faible hématisation et calcitisation.		326794	187.80	188.50	0.70		32	17	9	<0.1
		Veinules de Qz(Cc)(2-3mm) localement. Pyrite associée aux veinules de		326795	188.50	189.30	0.80		52	17	7	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		Qz(1%). Forte hématisation aux contacts des veinules.		326796	189.30	190.00	0.70		35	26	7	0.1
				326797	190.00	190.70	0.70		236	21	8	0.2
		190.70- 193.20 I2S;Hm-(#Si+);1%Py		326798	190.70	191.50	0.80		333	52	6	0.9
		Syénite à grains fins. Faible hématisation, localement forte		326799	191.50	192.60	1.10		60	8	6	0.2
		silicification (gris moyen à gris foncé) associée à la fracturation		326800	192.60	193.20	0.60		419	8	7	0.9
		avec 2%Py. Pyrite disséminée localement en petites veinules(1%).		326801	193.20	194.70	1.50		132	23	26	0.2
				326802	202.40	203.20	0.80		34	19	14	<0.1
				326803	203.20	203.90	0.70		33	18	52	3.9
				326804	203.90	205.30	1.40		<5	43	11	0.3
				326805	205.30	205.90	0.60		7	36	13	0.7
				326806	205.90	206.80	0.90		<5	276	10	0.2
		208.00- 212.30 D3 MA;Cc++CbHm-										
		Dyke mafique(gris foncé) grenu à grains fins à moyens(dioritique).										
		Texture massive. Contient des veinules de Cc(1-4mm)(3%).										
		Carbonatisation moyenne. Calcitisation très forte, hématisation										
		faible. Contact supérieur à 60°.										
226.00		FIN DU TROU										
		Nombre total d'échantillons : 122										
		Longueur totale échantillonée : 111.40 M										

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Ag ppm	Zn ppm	Cu ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98030	13.10	13.40	0.30	<9	<5	<0.1	38	98	46.96	1.1	13.67	14.52	0.23	10.33	8.37	1.93	1.35	0.11	1.79	100.39	62	178	86	53	16	
98031	25.30	25.60	0.30		<5	<0.1	23	38	49.03	1.81	14.24	13.56	0.19	4	11.81	3.18	0.48	0.16	0.63	99.12	37	75	154	76	27	
98032	46.00	46.30	0.30		<5	<0.1	42	112	51.92	2.2	12.03	17.13	0.19	6.25	7.38	2.38	0.52	0.22	0.67	100.89	28	<10	82	89	33	
98033	59.50	59.80	0.30		8	<0.1	32	247	49.08	2.19	12.58	16.54	0.23	4.95	8.8	3.11	0.44	0.22	1.18	99.35	47	<10	185	91	31	
98034	75.00	75.30	0.30		<5	<0.1	43	61	50.04	2	12.49	15.03	0.2	4.96	7.23	3.92	0.8	0.24	0.62	97.54	71	<10	136	100	34	
98035	88.00	88.30	0.30		<5	<0.1	84	56	45.16	2.15	12.48	15.46	0.23	5.46	7.05	4.7	1.47	0.22	3.35	97.73	55	<10	173	90	30	
98036	105.70	106.00	0.30		<5	0.2	37	221	47.27	2.02	12	14.97	0.18	5.75	8.33	3.89	1	0.22	1.89	97.54	83	<10	127	80	27	
98037	125.00	125.30	0.30		<5	0.2	35	68	49.39	1.62	13.18	13.93	0.25	6.13	8.64	2.51	1.47	0.23	1.22	98.63	253	96	247	101	34	
98038	133.70	134.00	0.30		<5	<0.1	34	90	49.63	1.72	13.61	13.01	0.24	5.56	9.11	3.59	0.79	0.24	1.19	98.74	121	96	179	98	36	
98039	154.00	154.30	0.30		<5	<0.1	15	70	61.4	0.17	21.5	2	0.05	0.2	1.2	7.57	4.15	0.06	1.94	100.34	411	<10	477	538	18	
98040	171.70	172.00	0.30		8	<0.1	9	6	64.95	0.07	19.4	1.96	0.03	0.07	0.84	9.31	2.66	<0.03	0.98	100.32	227	<10	252	405	10	
98041	184.00	184.30	0.30		68	<0.1	10	10	62.14	0.1	20.58	2	0.03	0.1	0.83	7.22	5.04	<0.03	1.42	99.49	167	<10	254	609	16	
98042	199.00	199.30	0.30		83	0.3	9	49	62.2	0.11	20.63	2.14	0.04	0.1	1.01	7.28	4.93	<0.03	1.83	100.32	301	<10	287	759	21	
98044	209.00	209.30	0.30		9	0.2	76	43	50.94	0.75	13.3	6.8	0.1	7.63	6.34	4.94	2.37	0.6	3.11	97.33	1385	328	2455	240	13	
98043	215.30	215.60	0.30		9	<0.1	34	59	61.2	0.2	21.68	1.64	0.05	0.25	1.57	9.12	2	0.07	2.4	100.3	468	<10	655	206	13	

POINT ARPENTE DATE: 15/12/1997

NOM DU PROJET :
NUMERO DU TROU:
PROFONDEUR: M
NORD :
EST :
ELEV :

Profondeur (M)	Plongée	Azimut	Nord	Est	Elévation

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage SI-97-03

LOCALISATION
Ligne : 15+ 0E
Station: 1+75S

Canton : Harker
Rang :
Lot :
Claim #: 684587
Latitude : 9971.30 N
Longitude: 3032.80 E
Elevation: 5007.83
Référence:
Niveau : Surface

SONDAGE
Azimut : 16°30' 0"
Inclinaison: -50° 0' 0"
Longueur : 247.00 M
Commencé le: 08/09/1997
Terminé le : 10/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau: oui

CAROTTE
Entreposée à: HMcD
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010714C
Décrit par : P. Saint-Germain
Rédigé le : 16/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Casing fait l'eau.
Down hole deviation is based on mine north

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
22.00	A	Non	-48° 0' 0"	-	-				-
52.00	A	Non	-48° 0' 0"	-	-				-
82.00	A	Non	-48° 0' 0"	-	-				-
112.00	A	Non	-47° 0' 0"	-	-				-
142.00	A	Non	-46° 0' 0"	-	-				-
172.00	A	Non	-45° 0' 0"	-	-				-
202.00	A	Non	-45° 0' 0"	-	-				-
247.00	A	Non	-45° 0' 0"	-	-				-
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DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
0.00	22.00	┼MT┼										
		Mort-terrain.										
22.00	60.10	V3BD-D2S;Cc-;tr.Py		326807	27.30	28.30	1.00		23	151	29	0.3
		Basalte dioritique(gris moyen à gris foncé) à grains moyens. Texture massive.		326808	28.30	28.80	0.50		<5	133	43	<0.1
		Calcitisation faible. Dyke de syénite de 50cm à 30.5m, de 25cm à 50.2m, de		326809	28.80	30.30	1.50		<5	142	40	0.2
		30cm à 55.3m. Veinules de Cc(1-7mm)(4%) et petits(1mm à 9cm) dykes de syénite;		326810	30.30	31.10	0.80		<5	94	65	<0.1
		25% de D2S. Pyrite en traces.										
		31.10- 34.70 V3B FBX;Si		326811	31.10	32.60	1.50		<5	144	38	<0.1
		Basalte. Texture brèchifiée(brèche de coulée-FBX). Silicification		326812	32.60	33.40	0.80		<5	138	29	<0.1
		moyenne.										
		34.70- 42.90 D2S MA;Si-		326813	41.90	42.90	1.00		<5	37	55	<0.1
		Dyke de syénite. Texture massive(à grains fins, moyens et grossiers).										
		Silicification faible, hématisation faible localement.										
		42.90- 49.60 V3B (FBX);SiCc-;tr.Py		326814	42.90	43.40	0.50		<5	101	77	0.1
		Basalte aphanitique. Texture localement brèchifiée. Silicification		326815	43.40	44.60	1.20		<5	129	40	<0.1
		moyenne, calcitisation faible. Pyrite en traces.		326816	44.60	45.20	0.60		<5	113	58	<0.1
				326817	45.20	46.70	1.50		<5	114	56	<0.1
				326818	46.70	48.10	1.40		<5	136	49	0.2
				326819	48.10	49.00	0.90		<5	97	56	<0.1
				326820	49.00	50.30	1.30		<5	118	44	<0.1
				326821	50.30	50.80	0.50		<5	55	40	<0.1
				326822	50.80	52.30	1.50		<5	102	51	0.2
				326823	52.30	53.60	1.30		<5	126	46	<0.1
				326824	53.60	54.10	0.50		9	47	108	<0.1
				326825	54.10	54.90	0.80		<5	28	122	<0.1
				326826	54.90	55.80	0.90		7	51	98	<0.1
				326827	55.80	57.20	1.40		<5	65	80	<0.1
				326828	57.20	57.90	0.70		<5	15	55	<0.1
				326829	57.90	58.40	0.50		<5	25	72	<0.1
				326830	58.40	59.10	0.70		<5	504	163	<0.1
		59.10- 60.10 FLT BX;Cc-;3-4%Py		326831	59.10	60.10	1.00		8	44	198	1.2
		Zone de faille. Brèchifiée, avec veines de Qz-Cb. Une veine de Qz de										
		20cm marque le contact inférieur. Calcitisation faible. Pyrite										
		moyenne disséminée au contact de la veine de Qz (3-4%Py)										
60.10	247.00	I2S PORP;Si-(Hm-);1%Py		326832	60.10	61.10	1.00		12	40	27	0.2
		Syénite. Texture porphyrique. Silicification faible, hématisation faible		326833	88.00	89.00	1.00		<5	61	11	0.2
		localement. Pyrite en amas(1%). Dyke de syénite à grains fins de 1m à 65.3m,		326834	89.00	89.50	0.50		182	58	11	0.5
		de 80cm à 225.9m. Dyke brun rosâtre chloriteux de 30cm à 73.3m, de 45cm à		326835	89.50	90.30	0.80		7	78	10	0.2
		137.6m. Petit cisaillement de 10cm à 89.3m; avec Qz-Cc et des plans de										

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		chlorite; contact inférieur à 45°.										
		93.10- 97.10 D2S MA;Si- Dyke de syénite. Texture massive. Silicification faible. Contacts à 45°. Dyke mafique chloriteux de 10cm à 94.2m.										
		100.90- 105.20 I2S-D3 Zone comprenant 50% de dykes brun rosâtres chloriteux.		326836	126.10	127.10	1.00		<5	96	10	<0.1
				326837	127.10	127.70	0.60		9	65	9	0.5
				326838	127.70	128.20	0.50		<5	61	7	0.2
				326839	128.20	129.70	1.50		<5	66	7	<0.1
				326840	129.70	131.20	1.50		10	60	9	0.2
				326841	131.20	132.50	1.30		8	48	8	<0.1
		132.50- 136.60 I2S MA;SiHm;1%Py Syénite à grains fins. Texture massive. Silicification et hématisation moyenne. Pyrite en petits amas(1%). Dyke brun rosâtre chloriteux de 80cm à 133.2m.		326842	132.50	133.20	0.70		18	49	7	<0.1
				326843	133.20	134.00	0.80		36	24	78	<0.1
				326844	134.00	135.00	1.00		136	60	14	<0.1
				326845	135.00	135.50	0.50		<5	57	58	<0.1
				326846	135.50	136.60	1.10		33	35	7	0.2
				326847	136.60	137.60	1.00		8	41	11	<0.1
		178.50- 181.50 D2S MA;Si-;tr.Py Dyke de syénite à grains fins. Texture massive. Silicification faible. Pyrite en traces.		326848	234.40	235.50	1.10		121	83	8	0.2
		235.50- 236.50 FLT;Cc-Si-;1%Py Zone de faille(roche toute broyée). Calcitisation faible, silicification faible. Pyrite en amas(1%).		326849	235.50	236.50	1.00		61	43	6	0.5
				326850	236.50	237.40	0.90		20	92	41	<0.1
		244.30- 246.50 D2S MA;Si- Dyke de syénite à grains fins et moyens. Texture massive. Silicification faible.										
247.00		FIN DU TROU										
		Nombre total d'échantillons : 44 Longueur totale échantillonée : 42.10 M										

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Ag ppm	Zn ppm	Cu ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98045	24.00	24.30	0.30		9	0.2	47	127	46.01	1.05	13.8	13.34	0.22	8.87	10.47	1.09	1.67	0.07	1.46	98.1	134	274	102	19	15	
98046	34.00	34.30	0.30		6	<0.1	33	165	46.61	0.97	14.72	14.69	0.22	8.83	10.15	1.37	0.78	0.05	1.58	100.04	89	321	114	34	11	
98047	44.20	44.50	0.30		8	0.2	27	161	47.34	0.92	14.83	14.35	0.22	8.95	9.81	1.49	0.59	0.06	1.35	99.98	23	301	136	21	11	
98048	55.90	56.20	0.30		7	<0.1	43	109	41.9	1.44	11.04	14.26	0.21	12.12	11.96	2.42	0.94	0.08	1.96	98.43	158	451	256	51	24	
98049	64.00	64.30	0.30		8	0.2	36	17	60.93	0.09	22.01	2.39	0.03	0.96	0.47	6.21	5.36	0.07	1.81	100.43	545	82	409	308	38	
98050	79.00	79.30	0.30		<5	<0.1	6	16	60.5	0.13	23.64	1.58	0.03	0.18	0.99	7.95	3.65	0.05	2.19	100.97	316	<10	452	154	14	

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage SI-97-04

LOCALISATION
Ligne : 11+ 0E
Station: 11+70N

Canton : Harker
Rang :
Lot :
Claim #: 684573
Latitude : 11372.00 N
Longitude: 3018.60 E
Elevation: 5000.79
Référence:
Niveau : Surface

SONDAGE
Azimut : 16°30' 0"
Inclinaison: -50° 0' 0"
Longueur : 328.00 M
Commencé le: 15/09/1997
Terminé le : 18/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau:

CAROTTE
Entreposée à: HMcD
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010715A
Décrit par : P. Saint-Germain
Rédigé le : 17/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Down hole deviation is based on Mine North

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
25.00	A	Non	-50° 0' 0"	-	-				-
55.00	A	Non	-50° 0' 0"	-	-				-
85.00	A	Non	-49° 0' 0"	-	-				-
111.00	T	Non	-49° 0' 0"	20° 0' 0"	-				-
135.00	A	Non	-49° 0' 0"	-	-				-
165.00	A	Non	-49° 0' 0"	-	-				-
195.00	A	Non	-49° 0' 0"	-	-				-
225.00	A	Non	-49° 0' 0"	-	-				-
255.00	A	Non	-49° 0' 0"	-	-				-
285.00	A	Non	-49° 0' 0"	-	-				-
310.00	T	Non	-49° 0' 0"	23° 0' 0"	-				-
315.00	A	Non	-47° 0' 0"	-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
0.00	20.50	┤MT├ Mort-terrain.										
20.50	29.70	V3B MA;;tr.Py Basalte gris foncé à grains fins, dyke mafique? Texture massive. Pyrite en traces. Presque la moitié de l'unité est broyée en morceaux(unité faillée?), surtout le début du trou, qui est constitué probablement de boulders. De plus, il y a un lousse entre 21 et 25m. Un fragment(17cm) de syénite beige (idem au tout début de l'unité de syénite à 29.7m) est présent à 29m.										
29.70	296.30	I2S PORP;Hm(Jsp)SiCc Syénite. Texture porphyrique. Hématisation faible à moyenne, silicification faible à moyenne et localement forte, hématisation(jaspe) forte localement. Calcitisation faible à moyenne, localement forte(en approchant du contact avec le basalte). Dyke mafique de 40cm à 64.4m. Dyke intermédiaire chloriteux de 10 cm à 222.2m, de 20cm à 266.6m; pyrite finement disséminée(10%) dans celui de 10cm, calcitisation très forte. Zones altérées (couleurs claires: vert(minéral plutôt mou) et rosâtre) et cisaillées de 15cm à 118.3m, de 10cm à 121.1m, de 20cm à 122m, de 20cm à 188.9m, de 10cm à 223.5m, de 10cm à 276m.										
		29.70- 30.30 I2S MA;Hm-Si-;;┤S0 60°├ Syénite à grains fins. Beige au début de l'unité, ensuite rougâtre. Texture massive. Contact inférieur à 60°(strati).										
		33.60- 36.30 I2S MA;Hm-Si-;;┤S0 20°├ Syénite à grains fins. Texture massive. Contact supérieur irrégulier, contact inférieur à 20°(strati).										
				326851	39.60	40.70	1.10		<5	13	13	<0.1
				326852	40.70	41.50	0.80		<5	7	4	<0.1
				326853	41.50	43.10	1.60		<5	8	5	<0.1
		43.10- 43.70 ALT;Si+ Zone altérée avec présence probable d'une veine de Qz-Cb. Silicification forte.		326854	43.10	43.70	0.60		<5	2	2	<0.1
				326855	43.70	44.80	1.10		<5	8	12	<0.1
		56.70- 57.50 D1? Dyke? felsique blanc verdâtre avec 10cm de syénite hématisée.										
		99.00- 100.50 D3 MA Dyke mafique(gris foncé verdâtre et un peu rosâtre) à grains moyens. Texture massive. Contact supérieur à 35°. Contact inférieur à 45°.										
		103.10- 106.30 I2S-D3 Zone comprenant 3 dykes mafiques(25,25,40cm) idem à 99-100.5m. Le										

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		premier des 3 dykes(à 103.1m) montre une petite zone de cisaillement de 25cm à son contact inférieur.										
				326856	117.20	118.20	1.00		<5	17	10	<0.1
				326857	118.20	118.70	0.50		<5	12	5	<0.1
				326858	118.70	120.20	1.50		<5	11	7	<0.1
				326859	120.20	120.90	0.70		<5	17	6	<0.1
				326860	120.90	121.40	0.50		<5	17	5	<0.1
				326861	121.40	121.90	0.50		<5	18	10	<0.1
				326862	121.90	122.60	0.70		<5	9	11	1.2
				326863	122.60	123.60	1.00		<5	10	6	<0.1
				326864	155.70	156.70	1.00		<5	18	5	0.2
				326865	156.70	157.50	0.80		<5	31	65	<0.1
				326866	157.50	158.50	1.00		<5	14	8	<0.1
				326867	158.50	159.80	1.30		<5	18	5	<0.1
		159.80- 168.50 I2S-ALT		326868	159.80	160.60	0.80		<5	15	9	<0.1
		Unité comprenant environ 50% de petites zones altérées et cisaillées.		326869	160.60	161.60	1.00		<5	13	6	<0.1
		Veinules de Cc(1-3mm)(2%).		326870	161.60	162.40	0.80		5	20	6	<0.1
				326871	162.40	163.30	0.90		6	26	27	<0.1
				326872	163.30	164.80	1.50		6	22	16	<0.1
				326873	164.80	166.20	1.40		<5	14	7	<0.1
				326874	166.20	167.60	1.40		<5	12	4	<0.1
				326875	167.60	168.10	0.50		<5	23	6	<0.1
				326876	168.10	168.60	0.50		<5	25	6	<0.1
				326877	168.60	169.50	0.90		<5	29	6	<0.1
				326878	181.00	182.00	1.00		<5	37	6	<0.1
		182.00- 182.20 FLT;;<1%Py		326879	182.00	182.80	0.80		<5	51	22	<0.1
		Faille avec veine de Qz-Cc-Cb-Cl. Pyrite en amas(<1%).										
				326880	182.80	183.50	0.70		<5	59	6	<0.1
				326881	221.50	222.40	0.90		<5	8	4	<0.1
				326882	222.40	222.90	0.50		<5	24	34	<0.1
				326883	222.90	223.20	0.30		<5	7	3	<0.1
				326884	223.20	223.70	0.50		<5	5	4	<0.1
		223.70- 226.50 I2S MA;Hm-Si-;;┤S0 35°├		326885	223.70	224.60	0.90		<5	6	3	<0.1
		Syénite à grains fins. Texture massive. Pyrite en petits amas(<1%).										
		Contact inférieur à 35°(strati.).										
		276.30- 289.40 I2S MA;Cc-Hm-;tr.Py										
		Syénite à grains moyens. Texture massive. Calcitisation faible, hématisation faible. Pyrite en traces. Localement cisaillé. Contact supérieur cisaillé sur 30cm.										
				326895	294.70	295.60	0.90		<5	8	13	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		295.60- 296.30 I2S SH(BX)		326896	295.60	296.30	0.70		<5	11	21	<0.1
		Zone cisaillée et localement brèchifiée. Quelques veines de Cc										
		déformées ou boudinées.										
296.30	312.10	McKFLT;CcHm;2%Py		326897	296.30	297.10	0.80		179	12	12	0.2
		Zone de transition. Syénite + basalte cisaillé, brèchifié. Calcitisation		326898	297.10	298.20	1.10		<5	32	20	<0.1
		faible ou forte en alternance, hématisation moyenne. Pyrite finement		326899	298.20	299.70	1.50		<5	60	6	<0.1
		disséminée surtout dans le basalte(1-2%). Dyke mafique de 40cm à 303.9m;		326900	299.70	301.00	1.30		<5	76	7	<0.1
		basaltique, moyennement calcitisé.		325501	301.00	302.00	1.00		<5	130	53	<0.1
				325502	302.00	303.20	1.20		<5	168	33	<0.1
				325503	303.20	303.80	0.60	1.3	1240	94	66	0.5
				325504	303.80	304.30	0.50		<5	593	40	1
		304.10- 304.20 FLT										
		Faille faible. Un peu de boue de faille et roche un peu concassée.										
				325505	304.30	305.30	1.00		<5	45	118	0.2
				325506	305.30	305.80	0.50		<5	78	59	<0.1
				325507	305.80	306.30	0.50		33	59	123	0.2
		306.30- 308.20 I2S-V3B BX;Cc;8-10%Py		325508	306.30	306.80	0.50		26	156	125	0.3
		Zone cisaillée, brèchifiée et minéralisée. Calcitisation moyenne à		325509	306.80	308.20	1.40		<5	56	47	<0.1
		forte. Pyrite finement disséminée(8-10%) concentrée dans le basalte.		325510	308.20	309.50	1.30		<5	20	15	<0.1
				325511	309.50	310.50	1.00		<5	54	53	<0.1
				325512	310.50	311.00	0.50		<5	73	83	<0.1
				325513	311.00	312.10	1.10		<5	85	70	0.2
312.10	328.00	V3B PIL;Cc-										
		Basalte(vert foncé grisâtre) à grains moyens. Texture massive, texture										
		coussinée probable(bordures avec chlorite et épidote en faible proportion;										
		gros coussins?). Calcitisation faible.										
		312.10- 313.00 V3B BX;Cc+;1%Py		325514	312.10	313.00	0.90	0.74	692	46	54	0.3
		Basalte cisaillé et brèchifié. Calcitisation forte. Syénite										
		brèchifiée de 30cm à 312.7m. Pyrite fine en amas(1%).										
		312.40- 312.40 FLT										
		Boue de faille.										
		313.00- 314.20 V3B MA;Cc+		325515	313.00	314.10	1.10		67	104	89	<0.1
		Calcitisation forte. Plusieurs veines de Cc(2mm à 1cm).		325516	314.10	315.60	1.50	0.86	706	148	89	0.5
				325517	315.60	317.10	1.50		84	26	61	0.5
				325518	317.10	318.50	1.40		34	87	80	<0.1
				325519	318.50	320.00	1.50		<5	92	70	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
328.00		FIN DU TROU										
		Nombre total d'échantillons : 60										
		Longueur totale échantillonée : 56.30 M										

NUMERO DU TROU: SI-97-04 RESULTATS DE GEOCHIMIE DATE: 19971218

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Ag ppm	Zn ppm	Cu ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98061	24.70	25.00	0.30		7	<0.1	70	184	50.85	1.32	14.11	14.57	0.23	5.23	9.47	2.27	0.64	0.16	1.05	99.95	173	75	240	106	28	
98062	37.00	37.30	0.30		7	<0.1	14	18	58.65	0.17	23.32	1.67	0.04	0.21	1.69	6.85	3.99	0.03	2.79	99.57	922	<10	585	175	17	
98063	54.70	55.00	0.30		8	<0.1	8	4	58.70	0.18	23.57	1.55	0.04	0.19	1.52	6.85	3.91	0.07	2.55	99.28	831	<10	530	203	12	
98064	69.60	69.90	0.30		<5	<0.1	7	4	59.80	0.19	23.80	1.73	0.04	0.17	1.23	6.98	3.97	<0.03	2.34	100.39	890	<10	489	303	12	
98065	87.70	88.00	0.30		6	2	4	14	58.25	0.15	24.67	1.35	0.04	0.14	1.59	5.59	5.89	0.04	2.90	100.73	636	<10	583	238	11	
98066	109.10	109.40	0.30		<5	0.2	17	35	60.91	0.15	21.19	1.64	0.04	0.22	1.19	6.22	5.24	0.04	1.88	98.84	577	75	533	844	11	
98067	124.00	124.30	0.30		<5	<0.1	12	32	59.71	0.23	21.46	1.64	0.04	0.2	1.72	5.77	5.51	0.07	2.39	98.87	664	82	543	253	11	
98068	138.70	139.00	0.30		<5	<0.1	10	2	58.31	0.2	21.9	1.95	0.05	0.39	2.1	6.12	4.51	0.11	2.97	98.84	1426	<10	871	171	14	
98069	153.70	154.00	0.30		<5	0.2	10	5	59.69	0.15	22.92	1.48	0.04	0.14	1.34	5.78	5.49	0.05	2.32	99.52	607	68	576	340	13	
98070	172.00	172.30	0.30		<5	<0.1	7	10	59.21	0.12	23.59	1.4	0.04	0.14	1.53	6.43	4.42	<0.03	2.6	99.6	632	<10	569	349	15	
98071	184.00	184.30	0.30		<5	<0.1	8	121	55.8	0.16	26	1.42	0.03	0.15	1.52	5.17	5.56	0.05	3.23	99.19	482	<10	467	328	11	
98072	202.00	202.30	0.30		<5	<0.1	5	13	57.1	0.12	25.14	1.34	0.03	0.14	1.67	6.35	4.13	0.05	3.13	99.3	470	<10	574	220	8	
98073	217.00	217.30	0.30		<5	<0.1	6	2	59.23	0.16	23.28	1.48	0.02	0.22	1.13	4.8	7.02	0.05	2.33	99.83	579	<10	540	241	14	
98074	229.00	229.30	0.30		10	0.2	6	34	55.8	0.17	25.86	1.54	0.04	0.15	1.53	5.77	4.74	0.04	3.22	98.94	399	<10	417	187	20	
98075	243.70	244.00	0.30		<5	<0.1	9	163	59.28	0.18	23.28	1.37	0.03	0.15	1.45	5.9	5.53	<0.03	2.54	99.83	498	<10	685	144	12	
98076	262.00	262.30	0.30		<5	<0.1	10	18	58.05	0.18	23.74	1.62	0.04	0.17	1.85	6.14	4.67	0.03	3.02	99.63	438	<10	667	251	17	
98077	273.70	274.00	0.30		<5	<0.1	7	63	57.76	0.12	23.65	1.39	0.03	0.1	1.98	5.08	6.42	0.05	3.02	99.7	290	<10	727	519	16	
98078	288.70	289.00	0.30		<5	<0.1	5	2	60.96	0.1	22.01	1.63	0.02	0.27	1.92	7.2	3.64	<0.03	2.63	100.47	394	<10	494	183	16	
98079	300.70	301.00	0.30		8	<0.1	6	92	64.53	0.13	20.44	1.62	0.02	0.22	1.29	9.21	1.45	<0.03	1.43	100.38	186	<10	303	358	14	
98080	310.00	310.30	0.30		<5	<0.1	129	103	50.73	0.7	14.04	10.26	0.22	9.22	6.54	2.86	1.64	0.11	3.88	100.3	235	451	206	63	13	
98081	327.50	327.80	0.30		<5	<0.1	56	108	50.68	0.71	13.4	10.41	0.17	8.58	8.53	2.31	2.13	0.1	2.17	99.28	194	458	193	63	15	

POINT ARPENTE DATE: 18/12/1997

NOM DU PROJET :
NUMERO DU TROU:
PROFONDEUR: M
NORD :
EST :
ELEV :

Profondeur (M)	Plongée	Azimut	Nord	Est	Elévation

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage SI-97-05

LOCALISATION
Ligne : 14+ 0E
Station: 17+50N

Canton : Harker
Rang :
Lot :
Claim #: 684568
Latitude : 11858.30 N
Longitude: 3440.00 E
Elevation: 5005.06
Référence:
Niveau : Surface

SONDAGE
Azimut : 16°30' 0"
Inclinaison: -50° 0' 0"
Longueur : 218.00 M
Commencé le: 19/09/1997
Terminé le : 22/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau:

CAROTTE
Entreposée à: HMcD
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010714E
Décrit par : P. Saint-Germain
Rédigé le : 21/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Casing fait l'eau
Down hole deviation is based on Mine North

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
36.00	A	Non	-47° 0' 0"	-	-				-
66.00	A	Non	-46° 0' 0"	-	-				-
96.00	A	Non	-45° 0' 0"	-	-				-
126.00	A	Non	-44° 0' 0"	-	-				-
156.00	A	Non	-43° 0' 0"	-	-				-
186.00	A	Non	-43° 0' 0"	-	-				-
204.00	A	Non	-43° 0' 0"	-	-				-
-				-	-				-
-				-	-				-
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-				-	-				-
-				-	-				-
-				-	-				-

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
0.00	36.00	{MT} Mort-terrain.										
36.00	122.10	V3B#;Cb-vQzCb-;2%Py Basalte gris foncé aphinitique. Texture massive. Carbonatisation faible à moyenne donnant probablement la texture poreuse du basalte localement, altération de vQzCb faible. Pyrite finement disséminée, en amas ou dans des veinules(2%) pouvant atteindre localement 10%. Veinules de Cc(1 à 6mm)(4-5%) (vQzCb-). La roche est fréquemment toute concassée; grande zone de faille jusqu'à 81m. Portion(de 15cm) à 107.5m altérée(calcitisation forte) et pyriteuse(10%).		325520	36.00	37.50	1.50		<5	35	42	<0.1
				325521	37.50	39.00	1.50		<5	61	68	<0.1
				325522	39.00	39.80	0.80		9	29	73	<0.1
				325523	39.80	40.90	1.10		9	126	52	<0.1
				325524	40.90	41.60	0.70		<5	22	39	<0.1
				325525	41.60	42.80	1.20		<5	20	41	<0.1
		42.80- 45.70 FLT;;5%Py Pyrite finement disséminée (5%) dans une zone de faille(roche toute concassée).		325526	42.80	43.70	0.90		20	52	47	<0.1
				325527	43.70	44.30	0.60		20	53	47	0.2
				325528	44.30	45.70	1.40		<5	36	42	<0.1
				325529	45.70	46.50	0.80		<5	25	73	<0.1
				325530	46.50	47.00	0.50		<5	38	40	<0.1
				325531	47.00	48.50	1.50		<5	38	57	<0.1
				325532	48.50	49.70	1.20		<5	33	34	<0.1
				325533	49.70	50.50	0.80		<5	33	38	<0.1
		49.90- 56.90 GRD Zone broyée en petits cailloux: grinder.		325534	50.50	53.70	3.20		9	58	265	<0.1
		53.70- 54.00 D2S;HmCb;5-10%Py Dyke de syénite? Texture poreuse. Très altéré. Hématisation moyenne, carbonatisation moyenne. Pyrite(5-10%).										
		53.70- 54.00 D2S;HmCb;5-10%Py Dyke de syénite? Texture poreuse. Très altéré. Hématisation moyenne, carbonatisation moyenne. Pyrite(5-10%).		325535	53.70	54.30	0.60		26	281	3752	0.3
				325536	54.30	56.80	2.50		6	84	50	<0.1
				325537	56.80	58.20	1.40		<5	56	35	<0.1
				325538	58.20	59.70	1.50		<5	77	41	<0.1
				325539	59.70	60.20	0.50		<5	92	52	<0.1
				325540	60.20	61.60	1.40		<5	62	39	<0.1
				325541	61.60	62.10	0.50		<5	41	64	0.3
				325542	62.10	63.00	0.90		<5	60	60	<0.1
		63.00- 73.50 V3B#;CcHmSi;3%Py Zone très faillée. Calcitisation, hématisation et silicification moyenne. Pyrite(3%).		325543	63.00	63.50	0.50		<5	9	46	<0.1
				325544	63.50	64.30	0.80		<5	54	97	<0.1
				325545	64.30	64.80	0.50		7	55	88	<0.1
				325546	64.80	66.00	1.20		14	93	50	0.1
				325547	66.00	67.50	1.50		19	99	50	0.3

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		67.40- 67.50 FLT;;4%Py										
		Boue de faille et roche concassée. Pyrite finement										
		disséminée(4%).		325548	67.50	68.00	0.50		25	52	60	0.2
		67.70- 67.90 FLT										
		Boue de faille.		325549	68.00	69.00	1.00		10	117	53	0.1
		68.10- 69.40 FLT		325550	69.00	69.50	0.50		8	35	37	<0.1
		Boue de faille et roche concassée.		325551	69.50	71.00	1.50		6	95	49	<0.1
		71.00- 72.00 D2S #;HmCb;3-5%Py		325552	71.00	72.00	1.00		35	258	936	0.4
		Dyke de syénite? Faillé, altéré, avec 3-5%Py.		325553	72.00	73.50	1.50		8	95	121	0.1
				325554	73.50	75.00	1.50		<5	69	61	<0.1
				325555	75.00	76.40	1.40		<5	95	46	0.1
		76.40- 77.00 VQzCc;Hm-;60%Py		325556	76.40	77.00	0.60		6	288	37	0.1
		Veine de Qz-Cc sub parallèle à la carotte. Hématisation faible.										
		Pyrite en amas(60%) dans la veine.		325557	77.00	78.20	1.20		<5	85	54	<0.1
				325558	78.20	78.80	0.60		<5	40	59	<0.1
				325559	78.80	80.30	1.50		<5	169	65	<0.1
		80.30- 80.80 FLT		325560	80.30	80.80	0.50		<5	67	73	<0.1
		Boue de faille.		325561	80.80	81.60	0.80		<5	76	67	<0.1
				325562	81.60	82.50	0.90		<5	78	55	<0.1
		82.50- 95.20 V3BD MA;Hm-;1%Py		325563	82.50	83.30	0.80		<5	111	47	<0.1
		Basalte dioritique. Texture massive. Hématisation faible. Pyrite dans		325564	83.30	84.00	0.70		6	228	47	<0.1
		des veinules(1%).		325565	84.00	84.90	0.90		<5	34	49	<0.1
				325566	84.90	86.40	1.50		127	94	62	<0.1
				325567	86.40	87.90	1.50		7	80	47	<0.1
				325568	87.90	89.40	1.50		<5	88	45	<0.1
				325569	89.40	90.80	1.40		<5	77	46	<0.1
				325570	90.80	92.30	1.50		<5	88	42	<0.1
				325571	92.30	93.20	0.90		<5	176	25	0.2
				325572	93.20	94.30	1.10		<5	57	43	<0.1
		94.30- 94.60 FLT		325573	94.30	95.20	0.90		<5	44	44	<0.1
		Boue de faille.		325574	95.20	95.80	0.60		26	132	43	0.1
				325575	95.80	97.20	1.40		6	24	36	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				325576	97.20	98.70	1.50		19	57	54	<0.1
				325577	98.70	100.20	1.50		7	15	44	<0.1
				325578	100.20	101.30	1.10		16	39	38	<0.1
				325579	101.30	102.00	0.70		<5	58	40	<0.1
				325580	102.00	103.50	1.50		<5	82	41	<0.1
				325581	103.50	104.90	1.40		<5	83	59	0.3
		104.90- 106.30 VCcCb;;1-2%Py										
		Veine(ou fracture) de CcCb(avec un minéral vert pâle mou?) de 2mm		325582	104.90	106.30	1.40		<5	88	65	<0.1
		parallèle à l'axe de la carotte. Pyrite automorphe fine à		325583	106.30	107.50	1.20		<5	92	46	<0.1
		moyenne(1-2%).										
				325584	107.50	108.20	0.70	4.25	4875	90	71	1
		108.20- 114.40 FLT		325585	108.20	109.50	1.30		16	93	79	0.2
		Zone de faille avec boue de faille et roche concassée à 40%.		325586	109.50	110.30	0.80		6	45	76	<0.1
				325587	110.30	111.80	1.50		10	97	60	<0.1
				325588	111.80	113.10	1.30		6	58	70	<0.1
				325589	113.10	114.40	1.30		13	30	77	<0.1
				325590	114.40	115.50	1.10		<5	91	72	0.2
		114.50- 115.50 VCcCb;;1-2%Py										
		Veine(ou fracture) parallèle à l'axe de la carotte. Idem à										
		104.9m-106.3m, mais localement jusqu'à 1cm d'épaisseur.										
				325591	115.50	116.80	1.30		8	58	44	<0.1
				325592	116.80	117.50	0.70		9	54	43	<0.1
				325593	117.50	118.10	0.60		17	78	46	<0.1
				325594	118.10	119.60	1.50		<5	81	53	<0.1
				325595	119.60	121.10	1.50		6	89	49	<0.1
				325596	121.10	122.10	1.00		<5	80	55	<0.1
122.10	202.70	V3B PIL;CcvQzCb-;1%Py		325597	122.10	122.60	0.50		18	95	70	<0.1
		Basalte gris moyen à gris foncé verdâtre. Texture coussinée probable.		325598	122.60	123.20	0.60		6	55	102	<0.1
		Texture très localement comme foliée. Texture porphyrique(Fp-Qz) localement.										
		Calcitisation faible à forte, altération de vQzCb faible à moyenne,										
		silicification faible. Pyrite en amas localement(1%). Injection(avec une veine										
		de 1cm) de Qz sur 10cm à 137.3m; 2%Py, tr.Cp. Dyke intermédiaire(vert rosâtre										
		et grisâtre)à grains fins de 30cm à 175m; contact supérieur à 10°. Dyke de										
		40cm à 180.4m idem à celui à 175m; amphibolitisé, contacts à 45° et contact										
		inférieur faillé(on voit le déplacement). Deux petites veines(2-3mm) de Cc(Cl)										
		avec pyrite(1%) à 122.4m(20cm). Plusieurs injections de Cc(Cl) avec										
		pyrite(2%).										
		123.20- 124.20 V3B PIL;vCc;		325599	123.20	124.20	1.00		18	418	111	<0.1
		Plusieurs injections importantes de Cc-(Cl) avec 2%Py. Présence d'une										
		petite(5mm à 4cm) injection de Qz-(Cb).										

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				325600	124.20	125.00	0.80		9	69	127	<0.1
		124.60- 127.60 FLT		325601	125.00	126.00	1.00		6	56	96	<0.1
		Zone de fracturation. Boue de faille sur 10cm à 126m.		325602	126.00	126.50	0.50		<5	36	79	<0.1
				325603	126.50	127.60	1.10		7	103	69	<0.1
				325604	127.60	129.10	1.50		<5	85	49	<0.1
				325605	129.10	130.60	1.50		<5	64	49	<0.1
				325606	130.60	131.10	0.50		17	88	41	0.3
				325607	131.10	132.60	1.50		6	155	34	0.3
				325608	132.60	134.10	1.50		5	98	46	<0.1
				325609	134.10	135.50	1.40		6	99	51	<0.1
				325610	135.50	136.20	0.70		7	113	60	<0.1
				325611	136.20	136.70	0.50		6	101	45	<0.1
				325612	136.70	142.50	5.80		<5	62	40	<0.1
				325613	142.50	143.50	1.00		<5	47	38	<0.1
				325614	143.50	144.00	0.50		6	763	33	<0.1
				325615	144.00	145.00	1.00		11	74	66	<0.1
				325616	145.00	146.00	1.00		6	109	34	<0.1
		147.00- 147.80 D2 MA;AmSi-;<1%Pytr.Cp										
		Dyke intermédiaire(gris moyen verdâtre) à grains moyens. Texture massive. Silicification faible, amphibolitisé. Pyrite(<1%), chalcopyrite en traces. Contact inférieur à 25°.										
				325617	148.90	149.70	0.80		<5	79	57	<0.1
				325618	149.70	150.50	0.80		303	89	58	<0.1
				325619	150.50	152.00	1.50		13	81	58	<0.1
				325620	152.00	153.50	1.50		8	76	49	<0.1
				325621	153.50	155.00	1.50		6	80	39	<0.1
				325622	155.00	156.30	1.30		6	58	41	<0.1
				325623	156.30	156.80	0.50		33	56	58	<0.1
				325624	156.80	157.80	1.00		7	99	53	<0.1
				325625	157.80	158.70	0.90		84	113	56	<0.1
		169.50- 170.00 D2 MA;AmSi-;tr.Py										
		Dyke idem à 147-147.8m. Contacts à 25-30°.										
				325626	172.10	173.40	1.30		187	65	65	<0.1
				325627	173.40	174.80	1.40		16	138	77	0.2
				325628	174.80	175.30	0.50		<5	61	47	<0.1
				325629	175.30	176.30	1.00		<5	96	36	<0.1
				325630	176.30	176.80	0.50		<5	151	45	0.2
				325631	176.80	177.70	0.90		<5	97	33	<0.1
				325632	177.70	178.20	0.50		6	163	36	<0.1
				325633	178.20	178.70	0.50		<5	94	34	<0.1
				325634	178.70	179.20	0.50		173	112	38	<0.1
				325635	179.20	180.40	1.20		6	171	33	0.2

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				325636	180.40	181.20	0.80		<5	115	55	<0.1
				325637	181.20	182.70	1.50		<5	88	42	<0.1
				325638	182.70	184.20	1.50		8	132	49	<0.1
				325639	184.20	185.70	1.50		8	87	46	<0.1
				325640	185.70	186.60	0.90		10	56	73	<0.1
				325641	186.60	187.10	0.50		24	211	63	0.2
				325642	187.10	188.10	1.00		21	157	107	<0.1
				325643	188.10	189.70	1.60		7	80	61	<0.1
				325644	189.70	191.10	1.40		6	84	42	<0.1
				325645	191.10	192.60	1.50		6	95	42	<0.1
				325646	201.70	202.70	1.00		6	98	80	<0.1
202.70	212.40	V3B GLO;Cc-;1%Potr.Py Basalte gris verdâtre foncé à grains fins. Texture glomeroporphyrique et coussinée. Calcitisation et silicification faible. Pyrrhotine disséminée(1%), traces de pyrite. Veine(7cm) déformée de pyrrhotine à 211.5m. Les porphyres(1mm à 1cm) sont des feldspaths ou des carbonates et parfois du Qz.										
		202.70- 203.80 V3B GLO;CcSi-;3%Potr.Py Zone minéralisée. Calcitisation faible à moyenne. Pyrrhotine en amas et veinules(3%). Présence d'une veine(1 à 4cm) de Qz-Cc-(Cl).		325647	202.70	203.80	1.10		31	181	255	0.2
				325648	203.80	204.80	1.00		24	198	36	0.2
				325649	210.20	211.20	1.00		<5	114	50	<0.1
				325650	211.20	211.70	0.50		9	289	67	0.2
				325651	211.70	212.40	0.70		<5	69	63	<0.1
212.40	218.00	V3BD#;Cc-;tr.PoPy Basalte dioritique(gris moyen verdâtre) à grains moyens. Texture massive. Calcitisation et silicification faible. Traces de pyrrhotine et de pyrite. Cette unité est fracturée à 40%, avec présence d'épidote et de calcite saccaroïde dans les fractures.		325652	212.40	213.00	0.60		<5	56	48	<0.1
218.00		FIN DU TROU Nombre total d'échantillons : 133 Longueur totale échantillonée : 146.20 M										

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Ag ppm	Zn ppm	Cu ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98082	37.20	37.50	0.30		<5	<0.1	52	30	48.49	2.26	13.54	17.01	0.22	5.63	6.47	3.01	1.78	0.28	1.47	100.19	127	96	110	86	30	
98083	57.00	57.30	0.30		<5	<0.1	43	53	49.7	1.64	13.35	13.44	0.21	5.05	8.82	4.34	0.99	0.25	1.83	99.67	92	157	115	99	37	
98084	74.00	74.30	0.30		6	<0.1	51	131	51.36	1.67	13.22	13.3	0.22	5.53	7.82	4.89	0.73	0.25	1.32	100.37	119	185	120	103	37	
98085	89.70	90.00	0.30		<5	<0.1	44	73	50.57	1.65	13.57	13.69	0.18	6.4	7.8	3.53	0.79	0.27	1.64	100.14	48	164	107	106	36	
98086	107.70	108.00	0.30		194	0.3	81	123	49.04	1.67	13.43	13.87	0.17	6.59	6.13	5.15	0.92	0.26	2.94	100.21	71	144	112	98	33	
98087	118.50	118.80	0.30		<5	<0.1	51	67	49.93	1.71	13.35	14.29	0.18	6.92	6.42	4.1	1.17	0.29	1.47	99.87	180	137	128	105	36	
98088	131.40	131.70	0.30		8	<0.1	47	128	51.23	1.61	13.19	12.23	0.21	6.09	8.73	4.67	0.51	0.25	1.49	100.26	89	164	192	97	35	
98089	142.80	143.10	0.30		7	<0.1	31	42	51.82	1.64	13.21	12.83	0.18	4.97	8.37	5.06	0.61	0.25	1.32	100.32	86	164	196	103	37	
98090	162.00	162.30	0.30		<5	<0.1	35	108	50.64	1.34	14.26	13.41	0.19	5.63	9.4	4.2	0.3	0.13	1.02	100.58	46	274	147	61	22	
98091	177.00	177.30	0.30		7	<0.1	38	112	48.14	0.78	15.51	9.95	0.21	5.38	9.67	4.55	0.76	0.06	3.48	98.57	182	383	143	36	14	
98092	192.70	193.00	0.30		6	<0.1	49	87	50.32	1.64	13.91	14.12	0.19	6.82	7.34	4.16	0.42	0.25	1.29	100.5	56	212	144	99	36	
98093	207.00	207.30	0.30		5	0.2	45	222	51.89	0.82	16.07	8.78	0.18	5.27	9.59	5.1	0.67	0.07	1.64	100.18	102	417	216	38	14	
98094	216.50	216.80	0.30		<5	<0.1	39	125	52.86	0.77	15.69	8.01	0.16	6.7	8.23	5.04	0.67	0.08	2.29	100.6	135	383	232	36	13	

POINT ARPENTE DATE: 15/12/1997

NOM DU PROJET :
NUMERO DU TROU:
PROFONDEUR: M
NORD :
EST :
ELEV :

Profondeur (M)	Plongée	Azimut	Nord	Est	Elévation

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage SI-97-06

LOCALISATION
Ligne : 13+ 0E
Station: 13+55N

Canton : Harker
Rang :
Lot :
Claim #: 684773
Latitude : 11500.20 N
Longitude: 3253.00 E
Elevation: 5000.00
Référence:
Niveau : Surface

SONDAGE
Azimut : 19°30' 0"
Inclinaison: -46° 0' 0"
Longueur : 268.00 M
Commencé le: 23/09/1997
Terminé le : 29/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau:

CAROTTE
Entreposée à: HMcD
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010714D
Décrit par : P. Saint-Germain
Rédigé le : 23/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Down hole deviation is based on Mine North

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
25.00	A	Non	-43° 0' 0"	-	-				-
55.00	A	Non	-42° 0' 0"	-	-				-
67.00	T	Non	-42° 0' 0"	16°30' 0"	-				-
106.00	A	Non	-41° 0' 0"	-	-				-
136.00	A	Non	-40° 0' 0"	-	-				-
166.00	A	Non	-40° 0' 0"	-	-				-
196.00	A	Non	-39° 0' 0"	-	-				-
226.00	A	Non	-39° 0' 0"	-	-				-
250.00	A	Non	-39° 0' 0"	-	-				-
-				-	-				-
-				-	-				-
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-				-	-				-

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
0.00	24.30	┤MT├										
		Mort-terrain. 25m de casing.										
24.30	48.90	D2S-V3B;HmJspSi(Cc-vQzCb);tr.Py		325653	24.30	24.80	0.50		<5	57	58	1.0
		Zone à dykes de syénite; plusieurs injections se recoupent. Texture surtout massive(à grains fins à moyens), localement porphyrique. Hématisation moyenne, altération par le jaspe moyenne, silicification faible à moyenne, localement forte(texture porphyrique), altération de vQzCb moyenne localement(6-8%), calcitisation faible localement. Pyrite en traces (en amas dans le dernier mètre du niveau; syénite à grains fins, altéré moyennement par le jaspe). Localement cisaillé et/ou brèchifié et ankéritisé(5cm à 27m, 10cm à 27.3m, 10cm à 32.7m, 15cm à 44.6m). Enclave de basalte(amphibolite grossière?) de 25cm à 35.5m. Dyke de syénite felsique(blanc rosâtre) de 30cm à 36.7m; contact inférieur cisaillé, brèchifié et ankéritisé.										
		24.50- 26.80 V3B-ALT;Cc+vQzCbSi;tr.Py		325654	24.80	25.50	0.70		<5	183	115	0.3
		Zone altérée(basalte?)(gris moyen un peu rosâtre) à grains fins. Calcitisation forte, altération de vQzCb moyenne(5-7%), silicification moyenne. Pyrite en traces. Dyke de syénite(blanc rosâtre) faiblement amphibolitisé de 20cm à 25.5m; contact supérieur légèrement faillé(cisaillé).		325655	25.50	26.00	0.50		<5	74	89	<0.1
				325656	26.00	26.80	0.80		<5	94	108	0.2
				325657	26.80	27.80	1.00		269	12	21	<0.1
				325658	27.80	29.10	1.30		6	9	5	<0.1
				325659	29.10	29.90	0.80		<5	11	9	<0.1
		29.90- 32.20 V3B;SiCc-vQzCb-;<1%Py		325660	29.90	30.50	0.60		7	959	118	0.3
		Zone altérée(basalte?)(gris moyen à gris foncé un peu rosâtre) à grains fins. Calcitisation faible à moyenne, altération de vQzCb faible à moyenne(5%), silicification moyenne. Pyrite en petits amas(<1%). Localement cisaillé et/ou brèchifié et ankéritisé(20cm à 30.5m, 20cm à 32m).		325661	30.50	31.60	1.10		<5	362	111	0.2
				325662	31.60	32.20	0.60		<5	49	132	<0.1
				325663	32.20	33.00	0.80		<5	45	32	0.2
				325664	33.00	34.00	1.00		<5	52	7	<0.1
		37.30- 38.10 D2 MA;Cc-										
		Dyke intermédiaire(noir et rose) syénitique et amphibolitisé. Texture massive à grains moyens. Calcitisation faible à moyenne. Contact supérieur irrégulier à 50°. Contact inférieur irrégulier et légèrement cisaillé.										
				325665	47.90	48.90	1.00		27	17	5	0.2
48.90	71.30	McKFLT;CcSivQzCb;tr.Py;┤S1 65°├		325666	48.90	49.40	0.50		60	8	16	0.3
		Zone de faille. Mélange de basalte et de dykes de syénite. Texture foliée, localement brèchifiée(TBX). Calcitisation faible à forte, carbonatisation moyenne, silicification moyenne et localement forte, altération de vQzCb										

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		moyenne(8-10%). Pyrite en traces(en amas). Foliation 60 à 70°.										
		49.00- 49.00 FLT										
		Boue de faille. Contacts brèchifiés.										
				325667	49.40	50.90	1.50		9	315	11	<0.1
				325668	50.90	52.40	1.50		<5	60	42	<0.1
				325669	52.40	53.80	1.40		<5	9	50	<0.1
				325670	53.80	55.30	1.50		<5	45	66	<0.1
				325671	55.30	56.80	1.50		<5	48	73	<0.1
				325672	56.80	58.20	1.40		<5	40	60	<0.1
				325673	58.20	59.60	1.40		<5	41	57	<0.1
				325674	59.60	61.10	1.50		<5	58	60	<0.1
				325675	61.10	62.50	1.40		<5	51	51	<0.1
				325676	62.50	64.00	1.50		<5	40	66	<0.1
				325677	64.00	65.50	1.50		<5	76	60	<0.1
				325678	65.50	67.00	1.50		<5	54	74	<0.1
				325679	67.00	68.30	1.30		<5	56	74	<0.1
		68.30- 71.30 FLT;CcCbSi+;2-3%Py		325680	68.30	69.40	1.10	0.62	611	246	101	0.3
		Zone plus pyriteuse. Pyrite disséminée, en veines(2 à 5mm) déformées		325681	69.40	70.40	1.00		44	80	155	0.2
		et en amas(2-3%). Texture moins fracturée. Silicification		325682	70.40	71.30	0.90		21	207	140	0.2
		moyenne à forte, altération de vQzCb très faible(2-3%).										
71.30	94.30	V3B MA;CcSivQzCb;2%Py		325683	71.30	72.30	1.00		20	345	225	<0.1
		Basalte gris foncé à grains fins. Texture massive. Calcitisation faible à		325684	72.30	73.80	1.50		19	119	77	<0.1
		forte, carbonatisation forte localement, silicification moyenne, altération de		325685	73.80	75.30	1.50		<5	55	89	<0.1
		veine de QzCb moyenne(7-9%). Pyrite en amas(2%). Portion(de 20cm) brèchifiée		325686	75.30	76.80	1.50		<5	44	84	<0.1
		et fortement carbonatisée à 77.6m; contact inférieur net à 55°(dyke?). Petit		325687	76.80	78.10	1.30		<5	37	97	0.2
		dyke de syénite déformé et pyriteux à 81.8m.		325688	78.10	79.60	1.50		<5	58	73	<0.1
				325689	79.60	81.10	1.50		<5	37	77	<0.1
				325690	81.10	81.60	0.50		<5	39	87	0.2
				325691	81.60	82.10	0.50		<5	123	102	<0.1
		82.10- 84.70 V3B;Cb+SivQzCb+;2%Py		325692	82.10	83.30	1.20		<5	38	108	<0.1
		Texture localement fracturée et brèchifiée. Carbonatisation forte,		325693	83.30	84.70	1.40		85	65	105	<0.1
		altération de veine de QzCb forte(15-20%). Pyrite en amas(2%).										
				325694	84.70	86.20	1.50		56	41	94	<0.1
				325695	86.20	87.60	1.40		<5	47	87	<0.1
				325696	87.60	89.10	1.50		<5	39	81	<0.1
				325697	89.10	90.60	1.50		<5	40	85	<0.1
				325698	90.60	91.70	1.10		<5	41	90	0.3
		91.70- 91.90 FLT		325699	91.70	92.20	0.50		<5	40	100	<0.1
		Roche concassée: faille probable.										
				325700	92.20	93.00	0.80		<5	44	90	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		93.00- 93.90 D2 MA;SiCbvQzCb		325701	93.00	93.90	0.90		<5	119	81	<0.1
		Dyke? intermédiaire(gris moyen verdâtre) à grains moyens. Texture massive. Silicification moyenne, carbonatisation moyenne, altération de veine de QzCb faible à moyenne(5-6%).										
		93.90- 94.30 D2 BX;Cc+Ak+		325702	93.90	94.40	0.50		<5	111	92	<0.1
		Dyke? intermédiaire brèchifié, ankéritisé et fortement calcitisé.										
94.30	98.80	V3B;Cc+(Hm+);2%Py		325703	94.40	95.30	0.90		<5	49	77	<0.1
		Basalte altéré et brèchifié. Calcitisation forte, carbonatisation moyenne et forte hématisation localement. Pyrite disséminée, en amas et en veinules(2%).		325704	95.30	95.90	0.60		<5	63	22	<0.1
				325705	95.90	96.60	0.70		<5	254	39	<0.1
				325706	96.60	97.90	1.30		<5	156	88	0.2
				325707	97.90	98.80	0.90		30	314	160	<0.1
98.80	107.40	V3BD MA;Cc;4%Py		325708	98.80	100.00	1.20		<5	135	120	<0.1
		Basalte dioritique(vert gris) à grains moyens. Texture massive. Calcitisation faible à moyenne, localement forte, silicification faible, carbonatisation moyenne localement, épidotisation localement. Pyrite en amas ou en veines(4%). Veinules de Cc(1-2%). Cisaillement(faille?) de 10cm à 101.6m.		325709	100.00	100.50	0.50		8	256	135	<0.1
				325710	100.50	101.50	1.00		33	354	146	0.2
				325711	101.50	102.00	0.50		10	244	83	<0.1
				325712	102.00	102.50	0.50		<5	226	58	<0.1
				325713	102.50	103.10	0.60		14	395	52	<0.1
				325714	103.10	104.40	1.30		13	326	72	<0.1
				325715	104.40	104.90	0.50		33	874	78	0.2
				325716	104.90	105.60	0.70		<5	109	71	<0.1
				325717	105.60	106.60	1.00		<5	78	39	<0.1
				325718	106.60	107.40	0.80		<5	408	38	<0.1
107.40	147.80	V3BG;;2%Py		325719	107.40	108.50	1.10		<5	135	44	<0.1
		Basalte gabbroïque?(petites aiguilles d'amphiboles)(vert foncé) à grains fins. Silicification faible. Pyrite disséminée, en petits amas, en veinules ou en veines(2-3%). Veines de QzCb(1mm à 1cm)(3%).		325720	108.50	109.00	0.50		<5	60	67	<0.1
				325721	109.00	109.60	0.60		18	500	73	<0.1
				325722	109.60	110.90	1.30		<5	119	56	<0.1
				325723	119.50	120.50	1.00		<5	73	138	<0.1
		120.50- 126.00 V3B;HmSi(Cc);1-2%Py		325724	120.50	121.00	0.50		<5	63	404	<0.1
		Basalte altéré. Hématisation et silicification moyenne, calcitisation moyenne localement. Pyrite finement disséminée, en petits amas ou en petites veinules(1-2%). Présence d'un dyke de syénite de 10-15cm avec pyrite grossière aux contacts.		325725	121.00	122.10	1.10		11	101	325	<0.1
				325726	122.10	123.60	1.50		<5	51	427	<0.1
				325727	123.60	124.10	0.50		17	397	150	<0.1
				325728	124.10	124.60	0.50		<5	112	273	<0.1
				325729	124.60	125.60	1.00		<5	83	431	<0.1
				325730	125.60	126.10	0.50		11	66	178	<0.1
				325731	126.10	127.00	0.90		<5	101	75	<0.1
				325732	137.50	138.90	1.40		<5	48	31	<0.1
				325733	138.90	139.80	0.90		<5	182	45	<0.1
		139.80- 146.80 V3B;HmSiCc-;2Py		325734	139.80	140.40	0.60		<5	40	27	<0.1
		Basalte altéré. Hématisation et silicification moyenne,		325735	140.40	141.10	0.70		<5	73	20	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		calcitisation faible, carbonatisation moyenne localement. Pyrite disséminée et en veinules(2-3%). Forte fracturation de 142 à 143.5m. Amas de pyrite et pyrite disséminée(15%) de 142.2 à 142.5m.										
		140.70- 140.80 FLT;Cc+CbSi Faille. Calcitisation forte, carbonatisation et silicification moyenne.										
				325736	141.10	142.00	0.90		<5	62	34	<0.1
				325737	142.00	142.50	0.50		17	47	33	<0.1
				325738	142.50	143.60	1.10		<5	31	50	<0.1
				325739	143.60	144.10	0.50		<5	88	618	<0.1
				325740	144.10	145.40	1.30		<5	66	317	<0.1
				325741	145.40	146.30	0.90		<5	114	67	<0.1
				325742	146.30	146.80	0.50		7	355	118	<0.1
				325743	146.80	147.80	1.00		<5	55	61	<0.1
147.80	255.40	V3B;Cc-;1%Pytr.Po Basalte(gris verdâtre foncé) à grains fins à moyens(localement dioritique). Texture massive localement coussinée?(épidotisation). Calcitisation faible. Pyrite en amas et en veinules(1-2%). Veines de QzCb(1mm à 1.5cm)(1-2%) et petits(4mm à 10cm)(<1%) dykes de syénite. Petits cisaillement(lessivage) avec forte calcitisation; 20cm à 161.5m, 10cm à 173.3m avec 2-3%Py, 20cm à 236.6m avec 15%Py. Petites(3-5mm) veines de Qz(Py) à 163.4m, à 178.8m. Injection de CcPo(Py) sur 30cm à 222.3m, à 223.7m; épidotisation(bordure de coussin?). Veine de pyrrhotine et pyrite(1cm) à 184.1m, 1cm à 244.9m. Dykes felsiques (vert pâle) sur 60cm à 156.4m; zone cisaillée aves amas de pyrite(semi-massive), coincée entre les 2 dykes. Petite faille(5-7mm): dyke de syénite(1cm) faillé. Zone fracturée(faillée) de 10cm à 242.3m; calcitisation moyenne.											
		154.00- 154.10 FLT Boue de faille.										
				325744	160.20	161.20	1.00		<5	46	40	<0.1
				325745	161.20	161.80	0.60		23	58	53	<0.1
				325746	161.80	163.20	1.40		<5	79	50	<0.1
				325747	163.20	163.70	0.50		<5	56	51	<0.1
				325748	163.70	164.70	1.00		<5	63	73	<0.1
				325749	172.10	173.40	1.30		<5	48	55	<0.1
		173.40- 175.70 V3B;Cc+;3%Py Calcitisation forte. Zone comprenant comme des injections de Cc(Py).		325750	173.40	174.40	1.00		<5	19	124	<0.1
				325751	174.40	175.00	0.60		<5	51	128	<0.1
				325752	175.00	175.70	0.70		<5	223	62	<0.1
				325753	175.70	177.00	1.30		<5	101	37	<0.1
				325754	177.00	178.50	1.50		<5	62	42	<0.1
				325755	178.50	179.00	0.50		<5	136	35	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
				325756	179.00	179.60	0.60		<5	96	53	<0.1
				325757	179.60	180.10	0.50		<5	84	63	<0.1
				325758	180.10	181.40	1.30		<5	73	47	<0.1
				325759	181.40	182.90	1.50		<5	81	58	<0.1
				325760	182.90	183.40	0.50		<5	125	58	<0.1
				325761	183.40	184.00	0.60		<5	158	38	<0.1
				325762	184.00	184.50	0.50		<5	91	36	<0.1
				325763	184.50	185.50	1.00		<5	75	48	<0.1
				325764	185.50	186.00	0.50		<5	74	46	<0.1
				325765	186.00	187.50	1.50		9	123	44	<0.1
				325766	187.50	188.50	1.00		<5	162	42	<0.1
				325767	188.50	189.00	0.50		<5	348	34	<0.1
		189.00- 200.20 V3B PIL;EpCc-(Cc+);5%Po		325768	189.00	189.50	0.50		15	452	36	<0.1
		Basalte. Localement brèchifié. Epidotisation moyenne, calcitisation		325769	189.50	190.90	1.40		17	998	70	0.3
		faible, localement forte. Pyrrhotine abondante(5%).		325770	190.90	191.80	0.90		10	461	23	<0.1
		Cisaillement(lessivage) de 20cm à 191.3m; calcitisation moyenne,		325771	191.80	192.30	0.50		7	457	47	<0.1
		hématisation faible, pyrite grossière(<1%). Faille(cisaillement) de		325772	192.30	193.80	1.50		13	1133	66	0.1
		10cm à 197.5m; calcitisation faible, pyrite en veinules et amas(3%).		325773	193.80	194.90	1.10		8	800	68	0.1
				325774	194.90	195.60	0.70		<5	104	38	<0.1
				325775	195.60	196.10	0.50		<5	115	36	<0.1
				325776	196.10	196.90	0.80		<5	50	62	<0.1
				325777	196.90	197.40	0.50		<5	86	46	<0.1
				325778	197.40	197.90	0.50		<5	167	45	<0.1
				325779	197.90	199.10	1.20		<5	135	28	<0.1
				325780	199.10	199.70	0.60		<5	62	17	<0.1
				325781	199.70	200.20	0.50		<5	70	28	<0.1
				325782	200.20	201.20	1.00		<5	74	31	<0.1
				325783	220.00	220.90	0.90		<5	67	64	<0.1
				325784	220.90	221.40	0.50		<5	113	39	<0.1
				325785	221.40	222.30	0.90		<5	92	31	<0.1
				325786	222.30	222.80	0.50		19	701	16	<0.1
				325787	222.80	223.70	0.90		<5	109	46	<0.1
				325788	223.70	224.20	0.50		<5	91	24	<0.1
				325789	224.20	225.20	1.00		<5	145	21	<0.1
				325790	232.00	233.00	1.00		<5	166	32	<0.1
				325791	233.00	233.80	0.80		<5	136	33	<0.1
				325792	233.80	235.20	1.40		<5	103	32	<0.1
				325793	235.20	235.90	0.70		<5	81	39	<0.1
		235.60- 236.00 V3B#;Cc-(Cc+);25%Py		325794	235.90	236.40	0.50		<5	22	34	<0.1
		Zone fracturée, lessivée avec pyrite fine semi-massive, faible										
		calcitisation, localement forte.										
				325795	236.40	237.00	0.60		7	55	30	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
		236.80- 239.70 V3B#;Cc+;1%Py										
		Zone faillée et fracturée. Calcitisation forte, localement très										
		forte. Fractures(5%) de calcite. Pyrite disséminée et en amas(1%).										
		237.00- 237.00 FLT										
		Faille.										
				325796	237.00	238.00	1.00		<5	71	35	<0.1
				325797	238.00	239.20	1.20		<5	48	24	<0.1
				325798	239.20	239.70	0.50		<5	40	34	<0.1
				325799	239.70	240.50	0.80		<5	102	32	<0.1
				325800	240.50	242.00	1.50		5	69	38	<0.1
				325801	242.00	242.90	0.90		<5	59	52	<0.1
				325802	242.90	244.30	1.40		<5	48	28	<0.1
				325803	244.30	244.90	0.60		6	41	27	<0.1
				325804	244.90	245.40	0.50		16	526	32	<0.1
				325805	245.40	245.90	0.50		<5	60	33	<0.1
				325806	245.90	246.40	0.50		14	123	17	<0.1
				325807	246.40	246.90	0.50		<5	27	22	<0.1
				325808	246.90	247.40	0.50		7	48	27	<0.1
		247.40- 255.40 V3B#;Cc-(Cc+);<1%Py		325809	247.40	248.40	1.00		<5	51	21	<0.1
		Zone faillée et fracturée. Calcitisation faible, localement forte.		325810	248.40	250.00	1.60		<5	35	32	0.1
		Fractures(2-3%) de calcite. Pyrite disséminée et en amas(<1%).		325811	250.00	251.50	1.50		<5	75	19	0.2
				325812	251.50	253.00	1.50		<5	51	17	<0.1
				325813	253.00	254.50	1.50		<5	62	25	<0.1
				325814	254.50	255.40	0.90		<5	19	29	<0.1
255.40	268.00	V3B PIL;(CcEp);1%Py										
		Basalte. Texture coussinée. Bordures de coussins avec calcitisation moyenne,										
		épidotisation. Pyrite(1-3%) dans les bordures. Bordure de coussin(15cm) à										
		262.1m avec pyrite en amas et magnétite. Certaines bordures de coussins sont										
		lessivées.										
		255.40- 261.10 V3B#;(Cc+);1%Py		325815	255.40	256.50	1.10		<5	58	31	<0.1
		Zone faillée et fracturée. Calcitisation faible, localement		325816	256.50	258.00	1.50		<5	33	20	<0.1
		forte. Fractures(4%) de calcite. Pyrite disséminée et en amas(1%).		325817	258.00	259.50	1.50		<5	69	24	<0.1
				325818	259.50	260.80	1.30		<5	84	28	<0.1
				325819	260.80	261.50	0.70		<5	82	16	<0.1
				325820	261.50	262.90	1.40		<5	114	15	<0.1
				325821	262.90	263.80	0.90		<5	222	15	<0.1
				325822	263.80	264.90	1.10		<5	63	21	<0.1
				325823	264.90	265.40	0.50		<5	76	24	<0.1
				325824	265.40	266.40	1.00		15	164	25	<0.1
				325825	266.40	268.00	1.60		<5	48	17	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu g/t	Zn g/t	Ag g/t
268.00		FIN DU TROU										
		Nombre total d'échantillons : 173										
		Longueur totale échantillonée : 165.30 M										

NUMERO DU TROU: SI-97-06 RESULTATS DE GEOCHIMIE DATE: 19971215

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Ag ppm	Zn ppm	Cu ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98095	28.00	28.30	0.30		6	0.5	6	8	64.09	0.04	21.07	1.14	<0.01	0.1	0.09	5.8	7.03	<0.03	0.79	100.22	444	<10	273	69	3	
98096	39.70	40.00	0.30		20	0.3	3	8	66.06	0.06	19.52	1.12	<0.01	0.06	0.19	9.7	1.29	<0.03	0.74	98.93	1313	89	465	228	7	
98097	55.00	55.30	0.30		8	<0.1	62	65	39.5	0.56	12.98	7.95	0.15	4.49	14.66	4.16	1.27	0.1	14.76	100.66	43	287	120	40	17	
98098	70.00	70.30	0.30		10	<0.1	262	105	63.66	0.49	15.22	4.34	0.05	2.17	3.31	6.48	0.63	0.15	2.77	99.34	207	144	218	153	15	
98099	85.00	85.30	0.30		9	<0.1	106	55	47.64	2.19	12.12	15	0.18	4.16	6.69	3.78	0.78	0.37	7.36	100.3	53	<10	178	158	56	
98100	97.00	97.30	0.30		<5	<0.1	73	24	63.13	0.62	15.44	4.43	0.05	1.47	3.78	7.76	0.18	0.16	3.2	100.57	3044	150	238	186	16	
98101	115.00	115.30	0.30		<5	<0.1	42	91	50.31	1.9	13.15	16.26	0.23	5.78	7.23	3.54	0.45	0.34	1.21	100.43	42	123	105	96	35	
98102	129.70	130.00	0.30		<5	<0.1	51	130	49.87	2.04	12.55	17.06	0.21	5.72	7.05	3.03	0.32	0.29	1.07	99.24	39	75	143	100	38	
98103	144.50	144.80	0.30		<5	<0.1	153	52	51.82	0.69	19.83	9.31	0.08	3.69	4.23	3.93	3.39	0.17	2.97	100.18	489	89	313	145	15	
98104	159.70	160.00	0.30		<5	<0.1	33	14	50.24	2.05	12.73	15.86	0.19	4.85	7.5	4.33	0.2	0.33	0.87	99.18	39	68	132	127	47	
98105	177.70	178.00	0.30		<5	<0.1	37	53	50.71	1.8	13.56	15.36	0.2	5.75	7.34	2.96	0.59	0.3	0.77	99.37	36	130	105	133	46	
98106	190.00	190.30	0.30		14	0.5	108	940	44.34	2.02	15.97	17.85	0.16	3	7.75	2.66	0.63	0.28	4.54	99.24	85	157	169	115	42	
98107	204.70	205.00	0.30		15	<0.1	64	78	49.73	1.67	13.68	14.58	0.17	6.99	7.79	2.5	0.55	0.25	2.04	99.99	46	150	90	127	35	
98108	216.70	217.00	0.30		<5	<0.1	55	86	49.53	1.57	13.16	14.26	0.21	7.34	7.81	3.1	0.55	0.26	1.81	99.65	52	150	88	104	39	
98109	234.70	235.00	0.30		<5	<0.1	29	55	50.02	1.6	12.92	13.13	0.17	5.1	8.44	4.91	0.66	0.25	2.35	99.59	71	157	114	99	35	
98110	246.60	246.90	0.30		6	0.2	26	33	49.87	1.7	13.64	13.01	0.15	6.28	8.22	3.97	0.9	0.25	1.31	99.34	109	150	143	104	37	
98111	265.00	265.30	0.30		7	<0.1	27	67	51.7	1.65	13.74	12.64	0.19	5.12	9.23	4.15	0.42	0.24	0.82	99.94	56	164	138	102	35	

BARRICK GOLD CORPORATION
EASTERN CANADA EXPLORATION
Journal de sondage
Projet HMCD
Sondage SI-97-07

LOCALISATION
Ligne : 3+91E
Station: 16+36N

Canton : Harker
Rang :
Lot :
Claim #: 684566
Latitude : 12015.10 N
Longitude: 2464.70 E
Elevation: 4995.07
Référence:
Niveau : Surface

SONDAGE
Azimut : 16°30' 0"
Inclinaison: -42° 0' 0"
Longueur : 321.00 M
Commencé le: 29/09/1997
Terminé le : 02/09/1997

TUBAGE
Laissé : oui
Bouchon : oui
Débit d'eau:

CAROTTE
Entreposée à: HMcD
Dimension: BQ

PERSONNEL
Contracteur : Forage M. Rouiller
Localisé par: M. Proulx
Arpenté par : M. GAUTHIER #GPS R010715E
Décrit par : P. Saint-Germain
Rédigé le : 06/09/1997

Objectif:

Résultat:

Meilleurs Analyses:

Géophysique :

Remarque:
Down hole deviation is based on Mine North

TEST DE DEVIATION

Profondeur	Type	Coin	Pendage	Azimut	Profondeur	Type	Coin	Pendage	Azimut
31.00	A	Non	-42° 0' 0"	-	-				-
61.00	A	Non	-42° 0' 0"	-	-				-
91.00	A	Non	-42° 0' 0"	-	-				-
121.00	A	Non	-41° 0' 0"	-	-				-
151.00	A	Non	-41° 0' 0"	-	-				-
181.00	A	Non	-39° 0' 0"	-	-				-
211.00	A	Non	-38° 0' 0"	-	-				-
241.00	A	Non	-37° 0' 0"	-	-				-
271.00	A	Non	-36° 0' 0"	-	-				-
301.00	A	Non	-36° 0' 0"	-	-				-
320.00	A	Non	-35° 0' 0"	-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
-				-	-				-
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-				-	-				-
-				-	-				-
-				-	-				-

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
0.00	30.20	┤MT├										
		Mort-terrain. Casing jusqu'à 31m. Blocs erratiques de basalte de 28m à 30.2m.										
30.20	46.50	I2S MA;Hm(Cc-);<1%Py		325826	45.20	46.50	1.30		68	37	12	<0.1
		Syénite. Texture massive. Hématisation moyenne. Calcitisation faible										
		localement. Pyrite en petits amas(<1%). Localement fracturée et cisaillée.										
		Contact inférieur très irrégulier(non net), brèchifié et cisaillé.										
46.50	53.30	McKFLT;CcCbHm-;;┤S1 65°├		325827	46.50	47.30	0.80		<5	37	137	<0.1
		Zone de transition: mélange de basalte et de syénite. Texture localement		325828	47.30	48.30	1.00		10	59	28	<0.1
		brèchifiée et foliée(65°). Environ 35% de la roche est fracturée: zone de		325829	48.30	49.70	1.40		43	119	23	0.3
		faille. Calcitisation faible à forte, carbonatisation moyenne, hématisation		325830	49.70	51.10	1.40		50	257	55	<0.1
		faible.		325831	51.10	52.60	1.50		14	100	105	<0.1
				325832	52.60	53.30	0.70		<5	70	172	<0.1
53.30	164.80	V3B(SH);CcCbvQzCb-;1%Py;┤S1 40°├		325833	53.30	54.00	0.70		<5	100	154	<0.1
		Basalte(gris verdâtre foncé). Texture localement brèchifiée et		325834	54.00	55.50	1.50		<5	75	133	<0.1
		foliée(cisaillée)(35 à 40°). Calcitisation moyenne à forte(faible localement),		325835	55.50	57.00	1.50		<5	119	102	<0.1
		carbonatisation faible, altération de veine de QzCb faible à moyenne(5-7%).		325836	57.00	58.50	1.50		<5	114	122	<0.1
		Pyrite finement disséminée et en petits amas(1-2%). Dykes de syénite(10%) de		325837	58.50	59.10	0.60		<5	166	167	<0.1
		30cm à 74.6m, de 45cm à 85m, de 75cm à 105.5m, de 85cm à 106.7m, de 80cm à										
		115,7m, de 20cm à 126m, de 45cm à 158.2m (silicification forte, 4%Py).										
		58.60- 58.60 FLT										
		Faille McKenna? Boue de faille(1cm).										
				325838	59.10	60.30	1.20		5	198	139	<0.1
				325839	60.30	61.30	1.00		13	70	197	<0.1
				325840	61.30	62.80	1.50		6	73	134	<0.1
				325841	62.80	63.30	0.50		40	78	113	<0.1
				325842	63.30	64.30	1.00		<5	69	117	<0.1
				325843	64.30	64.90	0.60		<5	27	133	<0.1
				325844	64.90	65.80	0.90		<5	50	116	<0.1
		75.60- 77.00 D2S PORP;Cc;tr.Py										
		Dyke de syénite. Texture porphyrique. Calcitisation moyenne. Pyrite										
		en traces.										
		77.20- 81.40 D2S PORP;Cc(Hm);tr.Py										
		Dyke de syénite. Texture massive et porphyrique. Calcitisation faible										
		à moyenne, hématisation moyenne localement. Pyrite en traces. Contact										
		inférieur à 35°.										
				325845	92.50	93.60	1.10		<5	90	121	0.4
		93.60- 95.50 V3B-VCc(Qz) BX		325846	93.60	94.10	0.50		<5	78	185	0.5
		Zone constituée d'injections de Cb(calcite avec localement		325847	94.10	95.50	1.40		<5	113	509	0.5

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
		ankérite)(Qz). Texture brèchifiée en périphérie ou à l'intérieur de ces injections(fragments de basalte inclus dans les injections). Ces injections sont localement "vuggy".										
				325848	95.50	96.50	1.00		<5	83	135	<0.1
				325849	122.20	123.20	1.00		<5	111	168	<0.1
				325850	123.20	123.70	0.50		<5	66	245	0.7
				325851	123.70	124.70	1.00		<5	77	133	0.3
				325852	124.70	125.20	0.50		<5	88	114	<0.1
				325853	125.20	126.00	0.80		<5	145	97	<0.1
				325854	126.00	126.50	0.50		<5	138	90	<0.1
				325855	126.50	127.00	0.50		<5	99	110	<0.1
				325856	127.00	128.50	1.50		<5	78	92	<0.1
				325857	128.50	130.00	1.50		<5	120	91	0.2
				325858	130.00	130.50	0.50		<5	122	119	0.5
				325859	130.50	132.00	1.50		<5	103	99	<0.1
				325860	132.00	133.50	1.50		<5	102	93	<0.1
				325861	133.50	135.00	1.50		<5	110	87	<0.1
				325862	135.00	135.50	0.50		<5	66	155	0.2
		135.10- 135.50 FLT;;3%Py Zone de faille. Basalte "vuggy". Pyrite automorphe fine à grossière (3%).										
				325863	135.50	136.20	0.70		<5	134	119	<0.1
				325864	136.20	136.80	0.60		<5	84	79	<0.1
				325865	136.80	138.00	1.20		<5	156	118	0.2
				325866	138.00	139.50	1.50		<5	111	95	0.3
				325867	139.50	141.00	1.50		6	390	218	0.3
				325868	141.00	142.20	1.20		6	416	188	0.2
		142.20- 149.40 FLT;CcCb;<1%Py Zone de faille; roche fracturée et boue de faille localement. Basalte "vuggy". Calcitisation moyenne à forte, localement faible, carbonatisation faible à moyenne. Pyrite disséminée et en petits amas(<1%).		325869	142.20	143.70	1.50		<5	176	185	0.3
				325870	143.70	144.70	1.00		6	265	161	0.7
				325871	144.70	145.20	0.50		<5	229	159	0.2
				325872	145.20	146.20	1.00		<5	173	151	<0.1
		146.00- 146.00 FLT Boue de faille.										
		146.20- 146.20 FLT Boue de faille.		325873	146.20	146.80	0.60		<5	112	133	<0.1
				325874	146.80	147.60	0.80		<5	151	118	<0.1
				325875	147.60	148.20	0.60		<5	336	83	0.2
				325876	148.20	149.40	1.20		5	147	99	<0.1
				325877	149.40	150.70	1.30		6	91	92	<0.1
				325878	150.70	152.00	1.30		6	40	100	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
				325910	200.50	201.00	0.50		<5	67	56	<0.1
				325911	201.00	201.50	0.50		<5	49	127	0.6
				325912	201.50	202.80	1.30		<5	66	74	0.1
				325913	202.80	203.60	0.80		<5	61	125	<0.1
		203.50- 203.50 FLT Faille. Veine faillée.										
				325914	203.60	205.70	2.10		<5	48	57	0.1
				325915	205.70	206.40	0.70		<5	49	69	0.1
				325916	206.40	207.80	1.40		17	26	59	<0.1
		207.00- 211.10 V3B-VQzCc TBX;Cc;2%Py Basalte avec 3% de dykes de syénite et des injections de QzCc brèchifiée(brèche hydroclastique, fragments anguleux de basalte dans les injections). Pyrite disséminée, en veinules et en amas dans certaines brèches(2%).		325917	207.80	208.70	0.90		<5	12	57	<0.1
				325918	208.70	209.70	1.00		8	17	54	0.2
				325919	209.70	211.10	1.40		<5	9	47	<0.1
				325920	211.10	211.60	0.50		<5	29	62	<0.1
				325921	211.60	212.60	1.00		<5	78	76	0.1
				325922	222.50	223.50	1.00		<5	51	108	0.1
				325923	223.50	224.10	0.60		<5	45	46	0.2
				325924	224.10	225.20	1.10		<5	61	96	<0.1
				325925	225.20	226.10	0.90		<5	128	108	<0.1
				325926	226.10	226.60	0.50		<5	49	111	0.2
		226.30- 226.40 FLT Veine de QzCc faillée.										
				325927	226.60	227.60	1.00		<5	41	96	0.1
				325928	238.50	239.50	1.00		<5	100	86	0.1
				325929	239.50	240.00	0.50		<5	15	28	0.2
				325930	240.00	241.50	1.50		<5	100	84	0.1
				325931	241.50	243.00	1.50		<5	81	93	0.1
				325932	243.00	243.70	0.70		<5	96	106	0.1
				325933	243.70	244.90	1.20		<5	67	102	0.1
				325934	244.90	246.20	1.30		<5	91	229	0.1
				325935	246.20	247.70	1.50		<5	81	118	0.1
				325936	247.70	248.20	0.50		<5	90	84	0.2
				325937	248.20	248.90	0.70		<5	122	118	0.3
				325938	248.90	249.80	0.90		<5	60	111	<0.1
				325939	249.80	251.00	1.20		<5	21	91	2.6
				325940	251.00	252.30	1.30		<5	158	107	0.1
				325941	252.30	253.60	1.30		<5	76	134	0.6
				325985	253.10	253.60	0.50		<5	20	65	0.4
				325942	253.60	255.00	1.40		<5	53	116	0.1
				325943	255.00	256.40	1.40		<5	59	122	<0.1
				325944	256.40	257.60	1.20		<5	93	151	0.2

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
		152.00- 156.20 FLT;Cc+(Cb);1-2%Py		325879	152.00	152.70	0.70		7	239	111	<0.1
		Zone de faille. Basalte "vuggy". Calcitisation moyenne à forte,		325880	152.70	153.40	0.70		8	311	115	<0.1
		carbonatisation moyenne localement. Pyrite finement disséminée et en		325881	153.40	155.00	1.60		9	398	125	0.2
		petits amas(1-2%).		325882	155.00	156.20	1.20		6	476	113	0.3
				325883	156.20	157.60	1.40		10	135	114	0.2
				325884	157.60	158.20	0.60		75	135	111	0.4
				325885	158.20	158.70	0.50		99	113	39	0.4
				325886	158.70	160.10	1.40		12	106	114	0.2
				325887	160.10	160.60	0.50		<5	85	133	0.2
				325888	160.60	161.80	1.20		<5	109	123	0.2
				325889	161.80	162.30	0.50		11	91	117	0.2
				325890	162.30	163.80	1.50		6	101	129	0.3
				325891	163.80	164.80	1.00		6	95	144	1
164.80	193.50	I2S MA;Si-;1%Py		325892	164.80	165.80	1.00		227	30	16	<0.1
		Syénite. Texture massive à grains grossiers, localement		325893	165.80	166.70	0.90		357	45	5	0.3
		aphinitique. Localement fracturée(perpendiculairement). Silicification faible,		325894	182.50	183.50	1.00		61	65	8	<0.1
		moyenne localement. Pyrite en petits amas(1%). Contact supérieur à 20-25°.										
		Quelques veines de QzCc(1mm à 1cm)(1%). Injection de Qz(Cc) sur 60cm à										
		192.7m; 1-2%Py.										
		183.50- 188.40 V3B-D2S;Si+Cc+;2%Py		325895	183.50	184.50	1.00		60	20	59	0.2
		Basalte altéré avec dykes de syénite(mélange). Silicification forte,		325896	184.50	186.10	1.60		449	19	27	0.5
		calcitisation moyenne à forte. Pyrite disséminée et en petites		325897	186.10	186.80	0.70		32	76	81	0.3
		veinules(2%). Injection de QzCb de 20cm à 183,6m.		325898	186.80	188.40	1.60		241	149	58	0.3
				325899	188.40	189.50	1.10		21	10	9	0.3
				325900	189.50	190.50	1.00		36	30	6	0.1
				325901	190.50	192.00	1.50		331	33	13	0.1
				325902	192.00	193.50	1.50		381	27	12	0.5
193.50	321.00	V3B MA;CcSivQzCb-;1%Py										
		Basalte à grains fins(dioritique localement vers la fin du trou-308m). Texture										
		massive. Calcitisation moyenne à forte, faible localement, silicification										
		moyenne, altération de veine de QzCb faible(4-5%). Pyrite en petits amas et en										
		petites veinules(1-2%). Petits(<20cm) dykes de syénite. Injection de syénite										
		sur 65cm à 223.5m, sur 1.3m à 249.8m, sur 70cm à 253m. Plusieurs veines de										
		QzCc sur 50cm à 239.5m.										
		193.50- 197.70 V3B-D2S;Cc+(Ak);tr.Py		325903	193.50	195.00	1.50		<5	29	82	<0.1
		Basalte altéré avec dykes de syénite(mélange). Calcitisation faible à		325904	195.00	195.70	0.70		<5	34	74	<0.1
		forte, carbonatisation moyenne, ankéritisation moyenne localement.		325905	195.70	197.20	1.50		7	45	74	0.1
		Pyrite en traces dans des veines.		325906	197.20	197.70	0.50		7	29	121	<0.1
				325907	197.70	198.90	1.20		<5	55	59	0.2
				325908	198.90	200.00	1.10		<5	56	68	0.2
				325909	200.00	200.50	0.50		<5	39	101	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
		256.90- 259.90 V3B MA;Si+Cc;<1%Py		325945	257.60	258.10	0.50		24	169	580	0.4
		Zone silicifiée. Basalte aphinitique. Calcitisation moyenne.		325946	258.10	259.30	1.20		<5	64	246	<0.1
		Plusieurs veines de QzCb sub-parallèle à 35°. Pyrite finement		325947	259.30	259.80	0.50		<5	64	147	0.4
		disséminée(<1%).		325948	259.80	260.90	1.10		8	88	142	0.3
				325949	260.90	261.80	0.90		53	103	201	0.5
				325950	261.80	262.90	1.10		<5	114	143	<0.1
		262.90- 273.20 D2S MA		325951	262.90	263.90	1.00		<5	8	59	0.2
		Dyke de syénite ou apophyse. Texture massive à grains grossiers.		325952	272.20	273.20	1.00		<5	3	70	<0.1
		Contact inférieur à 15°.										
		273.20- 276.20 V3B/D3 MA;Cc		325953	273.20	274.70	1.50		<5	166	144	<0.1
		Basalte homogène gris foncé à grains très fins(D3?). Texture massive.		325954	274.70	275.70	1.00		<5	151	165	<0.1
		Calcitisation moyenne à forte. Au contact inférieur, dans le basalte,		325955	275.70	276.20	0.50		<5	172	190	<0.1
		présence de quelques veines de QzCc aux épontes gris beige pâle.										
		276.20- 279.50 D2S MA;(Si);tr.Py		325956	276.20	277.70	1.50		<5	17	30	<0.1
		Dyke de syénite. Texture massive à grains grossiers. Silicification		325957	277.70	279.50	1.80		<5	11	14	<0.1
		moyenne localement. Pyrite en traces. Contact supérieur à 20° et										
		contact inférieur à 40°.										
		279.50- 285.20 V3B-D2S;Cc+SiCb;2%Py		325958	279.50	281.00	1.50		<5	35	37	<0.1
		Basalte altéré avec dykes de syénite(mélange). Calcitisation forte,		325959	281.00	281.80	0.80		<5	37	39	<0.1
		silicification et carbonatisation moyenne. Pyrite		325960	281.80	282.90	1.10		18	67	166	<0.1
		finement disséminée(2%).		325961	282.90	283.90	1.00		<5	129	730	<0.1
		283.90- 285.20 V3B;Si+Cc;2%Py		325962	283.90	285.20	1.30		21	160	820	<0.1
		Basalte aphinitique. Calcitisation moyenne, silicification										
		forte. Pyrite finement disséminée(2%). Plusieurs veines de										
		QzCb sub-parallèle à 30°.										
		285.20- 299.60 D2S;(Hm)		325963	285.20	286.50	1.30		<5	13	30	<0.1
		Dyke de syénite, localement mélangé avec du basalte(sur 45cm au		325964	286.50	287.70	1.20		18	7	20	<0.1
		contact supérieur). Hématisation moyenne localement.		325965	287.70	288.20	0.50		<5	6	58	<0.1
				325966	288.20	289.70	1.50		40	23	41	<0.1
				325967	289.70	290.70	1.00		107	16	11	0.2
				325968	290.70	292.10	1.40		<5	16	10	<0.1
				325969	292.10	292.60	0.50		<5	12	15 -	<0.1
		292.60- 294.30 V3B-D2S;Cc+Si;2%Py		325970	292.60	293.80	1.20		<5	45	136	0.2
		Basalte avec dykes de syénite(mélange). Calcitisation		325971	293.80	294.30	0.50		26	206	238	<0.1
		forte, silicification moyenne. Pyrite finement										
		disséminée(2%). Basalte sur 30cm à 293.8m.										
				325972	294.30	295.80	1.50		120	18	13	0.2
				325973	295.80	297.00	1.20		8	20	7	<0.1

DE (M)	A (M)	DESCRIPTION	MINERALISATION	Echan.	DE (M)	A (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm
				325974	297.00	298.50	1.50		<5	9	8	<0.1
				325975	298.50	299.60	1.10		<5	5	8	<0.1
		299.60- 301.00 V3B-D2S (SH);CcCb		325976	299.60	301.00	1.40		<5	138	74	0.2
		Basalte altéré avec dykes de syénite(mélange). Zone cisaillée.										
		Calcitisation et carbonatisation moyenne.										
		300.80- 300.80 FLT										
		Faille(cisaillement).										
				325977	301.00	302.50	1.50		<5	89	114	0.2
				325978	302.50	303.30	0.80		<5	109	79	0.3
				325979	303.30	304.60	1.30		<5	129	118	<0.1
				325980	304.60	306.00	1.40		<5	83	131	<0.1
				325981	306.00	307.40	1.40		<5	254	126	<0.1
		306.80- 306.90 FLT										
		Boue de faille.										
				325982	307.40	308.50	1.10		<5	93	93	<0.1
				325983	308.50	309.20	0.70		23	62	43	<0.1
				325984	309.20	310.20	1.00		19	102	77	<0.1
321.00		FIN DU TROU										
		Nombre total d'échantillons : 160										
		Longueur totale échantillonée : 168.20 M										

NUMERO DU TROU: SI-97-07 RESULTATS DE GEOCHIMIE DATE: 19980519

Echant.	De (M)	à (M)	Long. (M)	Au g/t	Au30 ppb	Cu ppm	Zn ppm	Ag ppm	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y ppm	W ppm
98112	33.00	33.30	0.30		15	6	11	0.2	64.33	0.14	20.84	1.4	<0.01	0.35	0.28	7.86	3.24	0.03	1.2	99.73	352	<10	248	318	22	
98113	53.70	54.00	0.30		8	72	141	<0.1	41.68	1.46	12.32	13.71	0.25	5.05	10.67	4.22	1.02	0.24	8.38	99.04	98	<10	302	96	33	
98114	66.00	66.40	0.40		13	29	76	0.2	48.79	1.67	13.4	12.69	0.23	4.79	8.03	5.39	1.38	0.24	2.68	99.35	187	144	215	103	35	
98115	81.90	82.20	0.30		<5	78	84	0.2	51.35	1.69	13.69	11.36	0.21	4.44	6.73	5.95	1.38	0.22	2.62	99.71	123	144	249	110	36	
98116	96.00	96.30	0.30		<5	96	121	<0.1	48.65	1.64	13.53	14.11	0.16	5.02	4.68	4.19	3.65	0.24	1.59	97.53	227	<10	259	108	38	
98117	111.00	111.30	0.30		<5	74	96	0.6	51.73	1.68	12.85	11.58	0.2	5.06	7.37	5.66	1.4	0.26	1.87	99.72	178	116	326	116	38	
98118	128.00	128.30	0.30		<5	95	112	<0.1	45.09	1.62	12.52	13.44	0.21	4.71	8.58	5.3	1.52	0.26	4.47	97.76	161	<10	302	98	37	
98119	138.30	138.60	0.30		9	127	102	<0.1	43.67	1.69	12.73	14.92	0.25	5.6	9.37	4.56	1.68	0.25	4.03	98.79	138	<10	205	109	35	
98120	156.50	156.80	0.30		12	52	122	<0.1	42.85	1.78	13.42	15.06	0.16	4.07	8.04	5.82	0.21	0.27	5.54	97.25	78	<10	172	92	22	
98121	171.00	171.30	0.30		12	26	7	0.2	62.07	0.03	22.48	1	<0.01	0.13	0.35	6.08	5.67	<0.03	1.34	99.18	137	<10	175	147	10	
98122	183.00	183.30	0.30		47	25	11	<0.1	65.16	0.08	18.72	1.71	0.01	0.04	0.93	8.61	4.02	<0.03	0.65	99.97	98	<10	149	95	10	
98123	200.70	201.00	0.30		<5	62	49	<0.1	53.32	2.16	12.42	14.32	0.16	4.48	6.18	4.24	0.95	0.34	1.17	99.77	80	<10	165	159	58	
98124	218.70	219.00	0.30		<5	65	55	<0.1	50.67	2.29	12.26	14.82	0.18	5.18	5.8	5.67	0.77	0.35	0.93	98.92	106	<10	128	160	57	
98125	233.50	233.80	0.30		<5	64	101	0.2	50.07	2.08	11.8	14.09	0.16	4.59	7.09	5.93	1.23	0.32	1.83	99.23	114	<10	186	151	49	
98126	249.00	249.30	0.30		<5	36	149	<0.1	42.69	1.99	12.82	15.01	0.2	4.11	9.19	5.63	1.21	0.3	6.46	99.66	94	<10	269	127	43	
98127	267.00	267.30	0.30		<5	2	10	<0.1	61.06	0.17	22.88	1.7	0.03	0.13	0.72	6.25	5.34	<0.03	1.66	99.97	109	<10	155	163	15	
98128	275.70	276.00	0.30		<5	179	128	<0.1	48.72	1.31	14.35	14.23	0.28	4.93	7.61	3.1	1.24	0.16	2.57	98.53	192	<10	142	111	28	
98129	291.00	291.30	0.30		<5	16	12	<0.1	63.83	0.07	20.61	1.2	0.02	0.11	0.5	8.27	3.94	<0.03	0.88	99.48	191	<10	201	105	11	
98130	312.00	312.30	0.30		<5	82	109	<0.1	50.16	1.82	12.26	14.27	0.18	5.01	7.29	5.41	1.67	0.28	0.92	99.3	84	<10	215	117	45	
98131	318.00	318.30	0.30		7	87	97	<0.1	48.68	1.86	12.03	14.2	0.15	4.86	7.34	5.48	1.33	0.28	2.07	98.3	125	<10	136	118	42	

Appendix IV

Assay Results
(Au, Ag, Cu, Zn)

Intertek Testing Services
Chimitec Bondar Clegg

Certificat D'Analyse
Assay Lab Report

.IENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601
RAPPORT: C97-63225.0 (COMPLET) DATE DE L'IMPRESSION: 26-SEP-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325501		244	73	22	0.2	325541		<5	41	64	0.3
325502		23	66	5	0.2	325542		<5	60	60	<0.1
325503		15	10	36	<0.1	325543		<5	9	46	<0.1
325504		<5	69	42	<0.1	325544		<5	54	97	<0.1
325505		6	18	6	<0.1						
325506		<5	10	7	<0.1						
325507		6	7	10	<0.1						
325508		26	12	55	0.4						
325509		79	19	59	0.6						
325510		11	49	18	<0.1						
325511		7	9	32	<0.1						
325512		13	15	61	<0.1						
325513		22	14	35	<0.1						
325514		63	20	86	0.2						
325515		7	139	176	<0.1						
325516		<5	106	94	<0.1						
325517		<5	93	111	<0.1						
325518		<5	82	104	<0.1						
325519		<5	92	70	<0.1						
325520		<5	35	42	<0.1						
325521		<5	61	68	<0.1						
325522		9	29	73	<0.1						
325523		9	126	52	<0.1						
325524		<5	22	39	<0.1						
325525		<5	20	41	<0.1						
325526		20	52	47	<0.1						
325527		20	53	47	0.2						
325528		<5	36	42	<0.1						
325529		<5	25	73	<0.1						
325530		<5	38	40	<0.1						
325531		<5	38	57	<0.1						
325532		<5	33	34	<0.1						
325533		<5	33	38	<0.1						
325534		9	58	265	<0.1						
325535		26	281	3752	0.3						
325536		6	84	50	<0.1						
325537		<5	56	35	<0.1						
325538		<5	77	41	<0.1						
325539		<5	92	52	<0.1						
325540		<5	62	39	<0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 602
RAPPORT: C97-63270.0 (COMPLET) DATE DE L'IMPRESSION: 1-OCT-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuGrav G/T	Cu PPM	Zn PPM	Ag PPM
A325545		7		55	88	<0.1
A325546		14		93	50	0.1
A325547		19		99	50	0.3
A325548		25		52	60	0.2
A325549		10		117	53	0.1
A325550		8		35	37	<0.1
A325551		6		95	49	<0.1
A325552		35		258	936	0.4
A325553		8		95	121	0.1
A325554		<5		69	61	<0.1
A325555		<5		95	46	0.1
A325556		6		288	37	0.1
A325557		<5		85	54	<0.1
A325558		<5		40	59	<0.1
A325559		<5		169	65	<0.1
A325560		<5		67	73	<0.1
A325561		<5		76	67	<0.1
A325562		<5		78	55	<0.1
A325563		<5		111	47	<0.1
A325564		6		228	47	<0.1
A325565		<5		34	49	<0.1
A325566		127		94	62	<0.1
A325567		7		80	47	<0.1
A325568		<5		88	45	<0.1
A325569		<5		77	46	<0.1
A325570		<5		88	42	<0.1
A325571		<5		176	25	0.2
A325572		<5		57	43	<0.1
A325573		<5		44	44	<0.1
A325574		26		132	43	0.1
A325575		6		24	36	<0.1
A325576		19		57	54	<0.1
A325577		7		15	44	<0.1
A325578		16		39	38	<0.1
A325579		<5		58	40	<0.1
A325580		<5		82	41	<0.1
A325581		<5		83	59	0.3
A325582		<5		88	65	<0.1
A325583		<5		92	46	<0.1
A325584		4875	4.25	90	71	1.0

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: ~~681~~ 612
RAPPORT: C97-63270.0 (COMPLET) DATE DE L'IMPRESSION: 1-OCT-97 PAGE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuGrav G/T	Cu PPM	Zn PPM	Ag PPM
A325585		16		93	79	0.2
A325586		6		45	76	<0.1
A325587		10		97	60	<0.1
A325588		6		58	70	<0.1
A325589		13		30	77	<0.1
A325590		<5		91	72	0.2
A325591		8		58	44	<0.1
A325592		9		54	43	<0.1
A325593		17		78	46	<0.1
A325594		<5		81	53	<0.1
A325595		6		89	49	<0.1
A325596		<5		80	55	<0.1
A325597		18		95	70	<0.1
A325598		6		55	102	<0.1
A325599		18		418	111	<0.1
A325600		9		69	127	<0.1
A325601		6		56	96	<0.1
A325602		<5		36	79	<0.1
A325603		7		103	69	<0.1
A325604		<5		85	49	<0.1
A325605		<5		64	49	<0.1
A325606		17		88	41	0.3
A325607		6		155	34	0.3
A325608		5		98	46	<0.1
A325609		6		99	51	<0.1

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.
RAPPORT: C97-63290.0 (COMPLET)

PROJET: 601
DATE DE L'IMPRESSION: 2-OCT-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325610		7	113	60	<0.1	325650		9	289	67	0.2
325611		6	101	45	<0.1	325651		<5	69	63	<0.1
325612		<5	62	40	<0.1	325652		<5	56	48	<0.1
325613		<5	47	38	<0.1						
325614		6	763	33	<0.1						
325615		11	74	66	<0.1						
325616		6	109	34	<0.1						
325617		<5	79	57	<0.1						
325618		303	89	58	<0.1						
325619		13	81	58	<0.1						
325620		8	76	49	<0.1						
325621		6	80	39	<0.1						
325622		6	58	41	<0.1						
325623		33	56	58	<0.1						
325624		7	99	53	<0.1						
325625		84	113	56	<0.1						
325626		187	65	65	<0.1						
325627		16	138	77	0.2						
325628		<5	61	47	<0.1						
325629		<5	96	36	<0.1						
325630		<5	151	45	0.2						
325631		<5	97	33	<0.1						
325632		6	163	36	<0.1						
325633		<5	94	34	<0.1						
325634		173	112	38	<0.1						
325635		6	171	33	0.2						
325636		<5	115	55	<0.1						
325637		<5	88	42	<0.1						
325638		8	132	49	<0.1						
325639		8	87	46	<0.1						
325640		10	56	73	<0.1						
325641		24	211	63	0.2						
325642		21	157	107	<0.1						
325643		7	80	61	<0.1						
325644		6	84	42	<0.1						
325645		6	95	42	<0.1						
325646		6	98	80	<0.1						
325647		31	181	255	0.2						
325648		24	198	36	0.2						
325649		<5	114	50	<0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 612

RAPPORT: C97-63444.0 (COMPLET) DATE DE L'IMPRESSION: 16-OCT-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Au G/T	Cu PPM	Zn PPM	Ag PPM
325653		<5		57	58	1.0
325654		<5		183	115	0.3
325655		<5		74	89	<0.1
325656		<5		94	108	0.2
325657		269		12	21	<0.1
325658		6		9	5	<0.1
325659		<5		11	9	<0.1
325660		7		959	118	0.3
325661		<5		362	111	0.2
325662		<5		49	132	<0.1
325663		<5		45	32	0.2
325664		<5		52	7	<0.1
325665		27		17	5	0.2
325666		60		8	16	0.3
325667		9		315	11	<0.1
325668		<5		60	42	<0.1
325669		<5		9	50	<0.1
325670		<5		45	66	<0.1
325671		<5		48	73	<0.1
325672		<5		40	60	<0.1
325673		<5		41	57	<0.1
325674		<5		58	60	<0.1
325675		<5		51	51	<0.1
325676		<5		40	66	<0.1
325677		<5		76	60	<0.1
325678		<5		54	74	<0.1
325679		<5		56	74	<0.1
325680		611	0.62	246	101	0.3
325681		44		80	155	0.2
325682		21		207	140	0.2
325683		20		345	225	<0.1
325684		19		119	77	<0.1
325685		<5		55	89	<0.1
325686		<5		44	84	<0.1
325687		<5		37	97	0.2
325688		<5		58	73	<0.1
325689		<5		37	77	<0.1
325690		<5		39	87	0.2
325691		<5		123	102	<0.1
325692		<5		38	108	<0.1

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RAPPORT: C97-63444.0 (COMPLET) DATE DE L'IMPRESSION: 16-OCT-97 PAGE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Au G/T	Cu PPM	Zn PPM	Ag PPM
325693		85		65	105	<0.1
325694		56		41	94	<0.1
325695		<5		47	87	<0.1
325696		<5		39	81	<0.1
325697		<5		40	85	<0.1
325698		<5		41	90	0.3
325699		<5		40	100	<0.1
325700		<5		44	90	<0.1
325701		<5		119	81	<0.1
325702		<5		111	92	<0.1
325703		<5		49	77	<0.1
325704		<5		63	22	<0.1
325705		<5		254	39	<0.1
325706		<5		156	88	0.2

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 612
RAPPORT: C97-63445.0 (COMPLET) DATE DE L'IMPRESSION: 20-OCT-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325707		30	314	160	<0.1	325747		<5	56	51	<0.1
325708		<5	135	120	<0.1	325748		<5	63	73	<0.1
325709		8	256	135	<0.1	325749		<5	48	55	<0.1
325710		33	354	146	0.2	325750		<5	19	124	<0.1
325711		10	244	83	<0.1	325751		<5	51	128	<0.1
325712		<5	226	58	<0.1	325752		<5	223	62	<0.1
325713		14	395	52	<0.1	325753		<5	101	37	<0.1
325714		13	326	72	<0.1	325754		<5	62	42	<0.1
325715		33	874	78	0.2	325755		<5	136	35	<0.1
325716		<5	109	71	<0.1	325756		<5	96	53	<0.1
325717		<5	78	39	<0.1	325757		<5	84	63	<0.1
325718		<5	408	38	<0.1	325758		<5	73	47	<0.1
325719		<5	135	44	<0.1	325759		<5	81	58	<0.1
325720		<5	60	67	<0.1	325760		<5	125	58	<0.1
325721		18	500	73	<0.1						
325722		<5	119	56	<0.1						
325723		<5	73	138	<0.1						
325724		<5	63	404	<0.1						
325725		11	101	325	<0.1						
325726		<5	51	427	<0.1						
325727		17	397	150	<0.1						
325728		<5	112	273	<0.1						
325729		<5	83	431	<0.1						
325730		11	66	178	<0.1						
325731		<5	101	75	<0.1						
325732		<5	48	31	<0.1						
325733		<5	182	45	<0.1						
325734		<5	40	27	<0.1						
325735		<5	73	20	<0.1						
325736		<5	62	34	<0.1						
325737		17	47	33	<0.1						
325738		<5	31	50	<0.1						
325739		<5	88	618	<0.1						
325740		<5	66	317	<0.1						
325741		<5	114	67	<0.1						
325742		7	355	118	<0.1						
325743		<5	55	61	<0.1						
325744		<5	46	40	<0.1						
325745		23	58	53	<0.1						
325746		<5	79	50	<0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 612

RAPPORT: C97-63446.0 (COMPLET) DATE DE L'IMPRESSION: 20-OCT-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325761		<5	158	38	<0.1	325801		<5	59	52	<0.1
325762		<5	91	36	<0.1	325802		<5	48	28	<0.1
325763		<5	75	48	<0.1	325803		6	41	27	<0.1
325764		<5	74	46	<0.1	325804		16	526	32	<0.1
325765		9	123	44	<0.1	325805		<5	60	33	<0.1
325766		<5	162	42	<0.1	325806		14	123	17	<0.1
325767		<5	348	34	<0.1	325807		<5	27	22	<0.1
325768		15	452	36	<0.1	325808		7	48	27	<0.1
325769		17	998	70	0.3	325809		<5	51	21	<0.1
325770		10	461	23	<0.1	325810		<5	35	32	0.1
325771		7	457	47	<0.1	325811		<5	75	19	0.2
325772		13	1133	66	0.1	325812		<5	51	17	<0.1
325773		8	800	68	0.1	325813		<5	62	25	<0.1
325774		<5	104	38	<0.1	325814		<5	19	29	<0.1
325775		<5	115	36	<0.1						
325776		<5	50	62	<0.1						
325777		<5	86	46	<0.1						
325778		<5	167	45	<0.1						
325779		<5	135	28	<0.1						
325780		<5	62	17	<0.1						
325781		<5	70	28	<0.1						
325782		<5	74	31	<0.1						
325783		<5	67	64	<0.1						
325784		<5	113	39	<0.1						
325785		<5	92	31	<0.1						
325786		19	701	16	<0.1						
325787		<5	109	46	<0.1						
325788		<5	91	24	<0.1						
325789		<5	145	21	<0.1						
325790		<5	166	32	<0.1						
325791		<5	136	33	<0.1						
325792		<5	103	32	<0.1						
325793		<5	81	39	<0.1						
325794		<5	22	34	<0.1						
325795		7	55	30	<0.1						
325796		<5	71	35	<0.1						
325797		<5	48	24	<0.1						
325798		<5	40	34	<0.1						
325799		<5	102	32	<0.1						
325800		5	69	38	<0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

RAPPORT: C97-63511.0 (COMPLET) DATE RECU: 16-OCT-97 DATE DE L'IMPRESSION: 24-OCT-97 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325815		<5	58	31	<0.1	325855		<5	99	110	<0.1
325816		<5	33	20	<0.1	325856		<5	78	92	<0.1
325817		<5	69	24	<0.1	325857		<5	120	91	0.2
325818		<5	84	28	<0.1	325858		<5	122	119	0.5
325819		<5	82	16	<0.1	325859		<5	103	99	<0.1
325820		<5	114	15	<0.1	325860		<5	102	93	<0.1
325821		<5	222	15	<0.1	325861		<5	110	87	<0.1
325822		<5	63	21	<0.1	325862		<5	66	155	0.2
325823		<5	76	24	<0.1	325863		<5	134	119	<0.1
325824		15	164	25	<0.1	325864		<5	84	79	<0.1
325825		<5	48	17	<0.1						
325826		68	37	12	<0.1						
325827		<5	37	137	<0.1						
325828		10	59	28	<0.1						
325829		43	119	23	0.3						
325830		50	257	55	<0.1						
325831		14	100	105	<0.1						
325832		<5	70	172	<0.1						
325833		<5	100	154	<0.1						
325834		<5	75	133	<0.1						
325835		<5	119	102	<0.1						
325836		<5	114	122	<0.1						
325837		<5	166	167	<0.1						
325838		5	198	139	<0.1						
325839		13	70	197	<0.1						
325840		6	73	134	<0.1						
325841		40	78	113	<0.1						
325842		<5	69	117	<0.1						
325843		<5	27	133	<0.1						
325844		<5	50	116	<0.1						
325845		<5	90	121	0.4						
325846		<5	78	185	0.5						
325847		<5	113	509	0.5						
325848		<5	83	135	<0.1						
325849		<5	111	168	<0.1						
325850		<5	66	245	0.7						
325851		<5	77	133	0.3						
325852		<5	88	114	<0.1						
325853		<5	145	97	<0.1						
325854		<5	138	90	<0.1						

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Assay Lab Report

'IENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

'PORT: C97-63577.0 (COMPLET) DATE RECU: 21-OCT-97 DATE DE L'IMPRESSION: 24-OCT-97 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325865		<5	156	118	0.2
325866		<5	111	95	0.3
325867		6	390	218	0.3
325868		6	416	188	0.2
325869		<5	176	185	0.3
325870		6	265	161	0.7
325871		<5	229	159	0.2
325872		<5	173	151	<0.1
325873		<5	112	133	<0.1
325874		<5	151	118	<0.1
325875		<5	336	83	0.2
325876		5	147	99	<0.1
325877		6	91	92	<0.1
325878		6	40	100	<0.1
325879		7	239	111	<0.1
325880		8	311	115	<0.1
325881		9	398	125	0.2
325882		6	476	113	0.3
325883		10	135	114	0.2
325884		75	135	111	0.4
325885		99	113	39	0.4
325886		12	106	114	0.2
325887		<5	85	133	0.2
325888		<5	109	123	0.2
325889		11	91	117	0.2
325890		6	101	129	0.3
325891		6	95	144	1.0
325892		227	30	16	<0.1
325893		357	45	5	0.3
325894		61	65	8	<0.1
325895		60	20	59	0.2

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601
RAPPORT: C97-63608.0 (COMPLET) DATE RECU: 23-OCT-97 DATE DE L'IMPRESSION: 27-OCT-97 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325896		449	19	27	0.5	325936		<5	90	84	0.2
325897		32	76	81	0.3	325937		<5	122	118	0.3
325898		241	149	58	0.3	325938		<5	60	111	<0.1
325899		21	10	9	0.3	325939		<5	21	91	2.6
325900		36	30	6	0.1	325940		<5	158	107	0.1
325901		331	33	13	0.1	325941		<5	76	134	0.6
325902		381	27	12	0.5	325942		<5	53	116	0.1
325903		<5	29	82	<0.1	325943		<5	59	122	<0.1
325904		<5	34	74	<0.1	325944		<5	93	151	0.2
325905		7	45	74	0.1	325945		24	169	580	0.4
325906		7	29	121	<0.1	325946		<5	64	246	<0.1
325907		<5	55	59	0.2	325947		<5	64	147	0.4
325908		<5	56	68	0.2	325948		8	88	142	0.3
325909		<5	39	101	<0.1	325949		53	103	201	0.5
325910		<5	67	56	<0.1						
325911		<5	49	127	0.6						
325912		<5	66	74	0.1						
325913		<5	61	125	<0.1						
325914		<5	48	57	0.1						
325915		<5	49	69	0.1						
325916		17	26	59	<0.1						
325917		<5	12	57	<0.1						
325918		8	17	54	0.2						
325919		<5	9	47	<0.1						
325920		<5	29	62	<0.1						
325921		<5	78	76	0.1						
325922		<5	51	108	0.1						
325923		<5	45	46	0.2						
325924		<5	61	96	<0.1						
325925		<5	128	108	<0.1						
325926		<5	49	111	0.2						
325927		<5	41	96	0.1						
325928		<5	100	86	0.1						
325929		<5	15	28	0.2						
325930		<5	100	84	0.1						
325931		<5	81	93	0.1						
325932		<5	96	106	0.1						
325933		<5	67	102	0.1						
325934		<5	91	229	0.1						
325935		<5	81	118	0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601
RAPPORT: C97-63609.0 (COMPLET) DATE RECU: 23-OCT-97 DATE DE L'IMPRESSION: 24-OCT-97 PAGE 1 DE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
325950		<5	114	143	<0.1
325951		<5	8	59	0.2
325952		<5	3	70	<0.1
325953		<5	166	144	<0.1
325954		<5	151	165	<0.1
325955		<5	172	190	<0.1
325956		<5	17	30	<0.1
325957		<5	11	14	<0.1
325958		<5	35	37	<0.1
325959		<5	37	39	<0.1
325960		18	67	166	<0.1
325961		<5	129	730	<0.1
325962		21	160	820	<0.1
325963		<5	13	30	<0.1
325964		18	7	20	<0.1
325965		<5	6	58	<0.1
325966		40	23	41	<0.1
325967		107	16	11	0.2
325968		<5	16	10	<0.1
325969		<5	12	15	<0.1
325970		<5	45	136	0.2
325971		26	206	238	<0.1
325972		120	18	13	0.2
325973		8	20	7	<0.1
325974		<5	9	8	<0.1
325975		<5	5	8	<0.1
325976		<5	138	74	0.2
325977		<5	89	114	0.2
325978		<5	109	79	0.3
325979		<5	129	118	<0.1
325980		<5	83	131	<0.1
325981		<5	254	126	<0.1
325982		<5	93	93	<0.1
325983		23	62	43	<0.1
325984		19	102	77	<0.1
325985		<5	20	65	0.4
325986		94	143	44	0.2

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601
RAPPORT: C97-63170.0 (COMPLET) DATE DE L'IMPRESSION: 25-SEP-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
A-326685		<5	74	35	<0.1	A-326725		<5	119	79	<0.1
A-326686		<5	180	23	<0.1	A-326726		<5	44	65	<0.1
A-326687		<5	62	27	<0.1	A-326727		<5	53	72	<0.1
A-326688		<5	56	25	<0.1	A-326728		<5	73	70	<0.1
A-326689		<5	61	21	<0.1	A-326729		6	73	81	<0.1
A-326690		<5	60	23	<0.1	A-326730		<5	83	69	<0.1
A-326691		<5	75	30	<0.1	A-326731		<5	74	78	<0.1
A-326692		<5	95	30	<0.1	A-326732		<5	69	46	<0.1
A-326693		<5	89	30	<0.1	A-326733		107	46	94	<0.1
A-326694		<5	80	33	<0.1	A-326734		8	106	52	<0.1
A-326695		165	54	109	0.5	A-326735		<5	100	34	<0.1
A-326696		311	152	617	1.6	A-326736		<5	93	69	<0.1
A-326697		76	55	14	<0.1	A-326737		9	48	117	<0.1
A-326698		32	114	118	<0.1	A-326738		7	125	84	<0.1
A-326699		33	37	13	0.2	A-326739		<5	19	41	0.2
A-326700		<5	92	39	<0.1	A-326740		<5	63	100	<0.1
A-326701		<5	75	32	<0.1	A-326741		<5	73	52	0.2
A-326702		<5	94	50	<0.1	A-326742		34	61	42	0.3
A-326703		<5	48	47	<0.1	A-326743		<5	33	14	<0.1
A-326704		<5	54	68	<0.1	A-326744		44	76	8	0.3
A-326705		<5	95	68	<0.1	A-326745		<5	45	8	<0.1
A-326706		15	57	73	<0.1						
A-326707		<5	66	42	<0.1						
A-326708		13	47	59	<0.1						
A-326709		<5	51	75	<0.1						
A-326710		<5	34	115	<0.1						
A-326711		50	7	21	<0.1						
A-326712		<5	36	79	<0.1						
A-326713		<5	24	43	<0.1						
A-326714		41	44	42	<0.1						
A-326715		<5	64	63	<0.1						
A-326716		<5	48	42	<0.1						
A-326717		<5	100	51	<0.1						
A-326718		<5	106	35	<0.1						
A-326719		<5	96	44	<0.1						
A-326720		<5	108	47	<0.1						
A-326721		<5	63	108	<0.1						
A-326722		<5	78	43	<0.1						
A-326723		<5	75	45	<0.1						
A-326724		<5	191	51	<0.1						

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.IENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 602

RAPPORT: C97-63171.0 (COMPLET) DATE DE L'IMPRESSION: 26-SEP-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
A-326746		466	25	17	0.3	A-326786		14	67	173	0.2
A-326747		27	100	169	0.2	A-326787		<5	63	102	<0.1
A-326748		<5	43	14	0.2	A-326788		<5	16	18	<0.1
A-326749		<5	38	9	<0.1	A-326789		13	16	11	<0.1
A-326750		<5	15	12	<0.1	A-326790		97	22	11	<0.1
A-326751		<5	9	11	0.2	A-326791		27	21	11	<0.1
A-326752		19	80	75	0.4	A-326792		170	13	7	0.2
A-326753		<5	132	100	0.2	A-326793		52	7	7	<0.1
A-326754		<5	105	59	<0.1	A-326794		32	17	9	<0.1
A-326755		<5	107	53	<0.1	A-326795		52	17	7	<0.1
A-326756		<5	8	34	<0.1	A-326796		35	26	7	0.1
A-326757		<5	67	49	<0.1	A-326797		236	21	8	0.2
A-326758		<5	94	53	<0.1	A-326798		333	52	6	0.9
A-326759		<5	244	61	<0.1	A-326799		60	8	6	0.2
A-326760		<5	106	54	<0.1	A-326800		419	8	7	0.9
A-326761		<5	185	58	0.2	A-326801		132	23	26	0.2
A-326762		<5	106	33	0.2	A-326802		34	19	14	<0.1
A-326763		<5	127	55	<0.1	A-326803		33	18	52	3.9
A-326764		<5	175	51	<0.1	A-326804		<5	43	11	0.3
A-326765		17	58	30	<0.1	A-326805		7	36	13	0.7
A-326766		<5	67	65	<0.1	A-326806		<5	276	10	0.2
A-326767		<5	64	37	<0.1						
A-326768		<5	57	32	<0.1						
A-326769		<5	77	66	<0.1						
A-326770		242	86	44	0.2						
A-326771		209	145	61	<0.1						
A-326772		368	129	122	<0.1						
A-326773		11	11	33	0.3						
A-326774		<5	85	119	0.2						
A-326775		<5	23	13	0.2						
A-326776		<5	8	55	<0.1						
A-326777		<5	55	55	<0.1						
A-326778		<5	61	35	<0.1						
A-326779		<5	74	55	<0.1						
A-326780		<5	10	19	<0.1						
A-326781		26	86	66	0.2						
A-326782		38	279	57	<0.1						
A-326783		9	105	64	<0.1						
A-326784		<5	103	77	<0.1						
A-326785		<5	76	108	<0.1						

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 682

RAPPORT: C97-63172.0 (COMPLET) DATE DE L'IMPRESSION: 25-SEP-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM
A-326807		23	151	29	0.3
A-326808		<5	133	43	<0.1
A-326809		<5	142	40	0.2
A-326810		<5	94	65	<0.1
A-326811		<5	144	38	<0.1
A-326812		<5	138	29	<0.1
A-326813		<5	37	55	<0.1
A-326814		<5	101	77	0.1
A-326815		<5	129	40	<0.1
A-326816		<5	113	58	<0.1
A-326817		<5	114	56	<0.1
A-326818		<5	136	49	0.2
A-326819		<5	97	56	<0.1
A-326820		<5	118	44	<0.1
A-326821		<5	55	40	<0.1
A-326822		<5	102	51	0.2
A-326823		<5	126	46	<0.1
A-326824		9	47	108	<0.1
A-326825		<5	28	122	<0.1
A-326826		7	51	98	<0.1
A-326827		<5	65	80	<0.1
A-326828		<5	15	55	<0.1
A-326829		<5	25	72	<0.1
A-326830		<5	504	163	<0.1
A-326831		8	44	198	1.2
A-326832		12	40	27	0.2
A-326833		<5	61	11	0.2
A-326834		182	58	11	0.5
A-326835		7	78	10	0.2
A-326836		<5	96	10	<0.1
A-326837		9	65	9	0.5
A-326838		<5	61	7	0.2
A-326839		<5	66	7	<0.1
A-326840		10	60	9	0.2
A-326841		8	48	8	<0.1
A-326842		18	49	7	<0.1
A-326843		36	24	78	<0.1
A-326844		136	60	14	<0.1
A-326845		<5	57	58	<0.1
A-326846		33	35	7	0.2
A-326847		8	41	11	<0.1

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601 - 612

RAPPORT: C97-63226.0 (COMPLET) DATE DE L'IMPRESSION: 27-SEP-97 PAGE 1

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Au G/T	Cu PPM	Zn PPM	Ag PPM
326848		121		83	8	0.2
326849		61		43	6	0.5
326850		20		92	41	<0.1
326851		<5		13	13	<0.1
326852		<5		7	4	<0.1
326853		<5		8	5	<0.1
326854		<5		2	2	<0.1
326855		<5		8	12	<0.1
326856		<5		17	10	<0.1
326857		<5		12	5	<0.1
326858		<5		11	7	<0.1
326859		<5		17	6	<0.1
326860		<5		17	5	<0.1
326861		<5		18	10	<0.1
326862		<5		9	11	1.2
326863		<5		10	6	<0.1
326864		<5		18	5	0.2
326865		<5		31	65	<0.1
326866		<5		14	8	<0.1
326867		<5		18	5	<0.1
326868		<5		15	9	<0.1
326869		<5		13	6	<0.1
326870		5		20	6	<0.1
326871		6		26	27	<0.1
326872		6		22	16	<0.1
326873		<5		14	7	<0.1
326874		<5		12	4	<0.1
326875		<5		23	6	<0.1
326876		<5		25	6	<0.1
326877		<5		29	6	<0.1
326878		<5		37	6	<0.1
326879		<5		51	22	<0.1
326880		<5		59	6	<0.1
326881		<5		8	4	<0.1
326882		<5		24	34	<0.1
326883		<5		7	3	<0.1
326884		<5		5	4	<0.1
326885		<5		6	3	<0.1
326886		46		99	46	<0.1
326887		<5		117	59	<0.1

601

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

RAPPORT: C97-63226.0 (COMPLET) DATE DE L'IMPRESSION: 27-SEP-97 PAGE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Au G/T	Cu PPM	Zn PPM	Ag PPM
326888		9		18	13	0.2
326889		<5		130	53	<0.1
326890		<5		99	46	<0.1
326891		<5		59	85	<0.1
326892		<5		33	15	<0.1
326893		<5		64	45	<0.1
326894		814	0.85	150	157	0.2
326895		<5		8	13	<0.1
326896		<5		11	21	<0.1
326897		179		12	12	0.2
326898		<5		32	20	<0.1
326899		<5		60	6	<0.1
326900		<5		76	7	<0.1

601

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Appendix V

Assay Results
(Whole-Rock)

ITS Intertek Testing Services
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Certificat D'Analyse
Assay Lab Report

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

RAPPORT: C97-63173.0 (COMPLET) DATE RECU: 22-SEP-97 DATE DE L'IMPRESSION: 27-OCT-97 PAGE 1A(1/ 2)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Au G/T	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT
98030		<5		98	38	<0.1	46.96	1.10	13.67	14.52	0.23	10.33	8.37

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Intertek Testing Services
Chimitec Bondar Clegg

Certificat D'Analyse
Assay Lab Report

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601
RAPPORT: C97-63173.0 (COMPLET) DATE RECU: 22-SEP-97 DATE DE L'IMPRESSION: 27-OCT-97 PAGE 18(2/ 2)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr2O3 PCT	Sr PPM	Zr PPM	Y PPM
98030		1.93	1.35	0.11	1.79	100.39	62	0.026	86	53	16

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IENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

PPORT: C97-63174.0 (COMPLET) DATE DE L'IMPRESSION: 2-OCT-97 PAGE 1A

NUMÉRO DE ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
A98031		<5	38	23	<0.1	49.03	1.81	14.24	13.56	0.19	4.00	11.81	3.18
A98032		<5	112	42	<0.1	51.92	2.20	12.03	17.13	0.19	6.25	7.38	2.38
A98033		8	247	32	<0.1	49.08	2.19	12.58	16.54	0.23	4.95	8.80	3.11
A98034		<5	61	43	<0.1	50.04	2.00	12.49	15.03	0.20	4.96	7.23	3.92
A98035		<5	56	84	<0.1	45.16	2.15	12.48	15.46	0.23	5.46	7.05	4.70
A98036		<5	221	37	0.2	47.27	2.02	12.00	14.97	0.18	5.75	8.33	3.89
A98037		<5	68	35	0.2	49.39	1.62	13.18	13.93	0.25	6.13	8.64	2.51
A98038		<5	90	34	<0.1	49.63	1.72	13.61	13.01	0.24	5.56	9.11	3.59
A98039		<5	70	15	<0.1	61.40	0.17	21.50	2.00	0.05	0.20	1.20	7.57
A98040		8	6	9	<0.1	64.95	0.07	19.40	1.96	0.03	0.07	0.84	9.31
A98041		68	10	10	<0.1	62.14	0.10	20.58	2.00	0.03	0.10	0.83	7.22
A98042		83	49	9	0.3	62.20	0.11	20.63	2.14	0.04	0.10	1.01	7.28
A98043		9	59	34	<0.1	61.20	0.20	21.68	1.64	0.05	0.25	1.57	9.12
A98044		9	43	76	0.2	50.94	0.75	13.30	6.80	0.10	7.63	6.34	4.94
A98045		9	127	47	0.2	46.01	1.05	13.80	13.34	0.22	8.87	10.47	1.09
A98046		6	165	33	<0.1	46.61	0.97	14.72	14.69	0.22	8.83	10.15	1.37
A98047		8	161	27	0.2	47.34	0.92	14.83	14.35	0.22	8.95	9.81	1.49
A98048		7	109	43	<0.1	41.90	1.44	11.04	14.26	0.21	12.12	11.96	2.42
A98049		8	17	36	0.2	60.93	0.09	22.01	2.39	0.03	0.96	0.47	6.21
A98050		<5	16	6	<0.1	60.50	0.13	23.64	1.58	0.03	0.18	0.99	7.95
A98051		6	27	5	0.2	63.23	0.09	20.40	1.28	0.03	0.08	0.79	7.71
A98052		159	34	26	0.9	65.11	0.21	18.65	1.74	0.04	0.09	1.08	10.60
A98053		27	39	7	0.2	65.84	0.13	19.00	1.68	0.07	0.26	1.15	10.44
A98054		9	77	8	0.2	60.30	0.18	22.41	1.72	0.04	0.18	1.25	6.09
A98055		6	104	6	0.4	62.58	0.16	21.22	1.70	0.04	0.13	1.28	8.75
A98056		6	73	19	0.2	61.69	0.13	20.93	1.62	0.05	0.14	1.32	6.63
A98057		7	60	8	0.2	61.35	0.15	21.89	1.30	0.05	0.14	1.24	6.84
A98058		13	40	16	0.6	66.40	0.08	18.85	2.16	0.04	0.04	0.60	10.60
A98059		<5	12	12	0.3	62.75	0.15	21.16	2.15	0.05	0.09	0.97	8.80
A98060		<5	42	6	0.2	58.65	0.17	24.86	1.58	0.06	0.12	1.65	6.91
A98061		7	184	70	<0.1	50.85	1.32	14.11	14.57	0.23	5.23	9.47	2.27
A98062		7	18	14	<0.1	58.65	0.17	23.32	1.67	0.04	0.21	1.69	6.85
A98063		8	4	8	<0.1	58.70	0.18	23.57	1.55	0.04	0.19	1.52	6.85
A98064		<5	4	7	<0.1	59.80	0.19	23.80	1.73	0.04	0.17	1.23	6.98
A98065		6	14	4	0.2	58.25	0.15	24.67	1.35	0.04	0.14	1.59	5.59

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ITS Intertek Testing Services
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Certificat D'Analyse
Assay Lab Report

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

RAPPORT: C97-63174.0 (COMPLET) DATE DE L'IMPRESSION: 2-OCT-97 PAGE 1B

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr2O3 PCT	Sr PPM	Zr PPM	Y PPM
A98031		0.48	0.16	0.63	99.12	37	0.011	154	76	27
A98032		0.52	0.22	0.67	100.89	28	<0.010	82	89	33
A98033		0.44	0.22	1.18	99.35	47	<0.010	185	91	31
A98034		0.80	0.24	0.62	97.54	71	<0.010	136	100	34
A98035		1.47	0.22	3.35	97.73	55	<0.010	173	90	30
A98036		1.00	0.22	1.89	97.54	83	<0.010	127	80	27
A98037		1.47	0.23	1.22	98.63	253	0.014	247	101	34
A98038		0.79	0.24	1.19	98.74	121	0.014	179	98	36
A98039		4.15	0.06	1.94	100.34	411	<0.010	477	538	18
A98040		2.66	<0.03	0.98	100.32	227	<0.010	252	405	10
A98041		5.04	<0.03	1.42	99.49	167	<0.010	254	609	16
A98042		4.93	<0.03	1.83	100.32	301	<0.010	287	759	21
A98043		2.00	0.07	2.40	100.30	468	<0.010	655	206	13
A98044		2.37	0.60	3.11	97.33	1385	0.048	2455	240	13
A98045		1.67	0.07	1.46	98.10	134	0.040	102	19	15
A98046		0.78	0.05	1.58	100.04	89	0.047	114	34	11
A98047		0.59	0.06	1.35	99.98	23	0.044	136	21	11
A98048		0.94	0.08	1.96	98.43	158	0.066	256	51	24
A98049		5.36	0.07	1.81	100.43	545	0.012	409	308	38
A98050		3.65	0.05	2.19	100.97	316	<0.010	452	154	14
A98051		4.51	<0.03	1.48	99.65	169	0.013	210	189	23
A98052		0.69	0.07	1.13	99.53	692	0.016	279	305	21
A98053		0.44	0.04	1.39	100.51	98	0.016	307	176	9
A98054		5.69	0.06	2.52	100.51	417	<0.010	379	397	16
A98055		2.12	0.06	2.09	100.24	427	0.011	445	279	13
A98056		5.51	0.06	2.24	100.41	449	<0.010	491	306	12
A98057		4.80	0.08	2.26	100.20	445	0.016	420	117	8
A98058		0.10	<0.03	0.68	99.60	68	0.012	211	1186	29
A98059		1.90	0.05	1.76	99.91	346	0.011	475	>2000	44
A98060		3.90	0.06	2.80	100.84	325	<0.010	489	269	29
A98061		0.64	0.16	1.05	99.95	173	0.011	240	106	28
A98062		3.99	0.03	2.79	99.57	922	0.010	585	175	17
A98063		3.91	0.07	2.55	99.28	831	0.011	530	203	12
A98064		3.97	<0.03	2.34	100.39	890	<0.010	489	303	12
A98065		5.89	0.04	2.90	100.73	636	<0.010	583	238	11

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 612

RAPPORT: C97-63539.0 (COMPLET) DATE RECU : 17-OCT-97 DATE DE L'IMPRESSION: 27-OCT-97 PAGE 1 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr2O3 PCT	Sr PPM	Zr PPM	Y PPM
98066		<5	35	17	0.2	60.91	0.15	21.19	1.64	0.04	0.22	1.19	6.22	5.24	0.04	1.88	98.84	577	0.011	533	844	11
98067		<5	32	12	<.1	59.71	0.23	21.46	1.64	0.04	0.20	1.72	5.77	5.51	0.07	2.39	98.87	664	0.012	543	253	11
98068		<5	2	10	<.1	58.31	0.20	21.90	1.95	0.05	0.39	2.10	6.12	4.51	0.11	2.97	98.84	1426	<.010	871	171	14
98069		<5	5	10	0.2	59.69	0.15	22.92	1.48	0.04	0.14	1.34	5.78	5.49	0.05	2.32	99.52	607	0.010	576	340	13
98070		<5	10	7	<.1	59.21	0.12	23.59	1.40	0.04	0.14	1.53	6.43	4.42	<.03	2.60	99.60	632	<.010	569	349	15
98071		<5	121	8	<.1	55.80	0.16	26.00	1.42	0.03	0.15	1.52	5.17	5.56	0.05	3.23	99.19	482	<.010	467	328	11
98072		<5	13	5	<.1	57.10	0.12	25.14	1.34	0.03	0.14	1.67	6.35	4.13	0.05	3.13	99.30	470	<.010	574	220	8
98073		<5	2	6	<.1	59.23	0.16	23.28	1.48	0.02	0.22	1.13	4.80	7.02	0.05	2.33	99.83	579	<.010	540	241	14
98074		10	34	6	0.2	55.80	0.17	25.86	1.54	0.04	0.15	1.53	5.77	4.74	0.04	3.22	98.94	399	<.010	417	187	20
98075		<5	163	9	<.1	59.28	0.18	23.28	1.37	0.03	0.15	1.45	5.90	5.53	<.03	2.54	99.83	498	<.010	685	144	12
98076		<5	18	10	<.1	58.05	0.18	23.74	1.62	0.04	0.17	1.85	6.14	4.67	0.03	3.02	99.63	438	<.010	667	251	17
98077		<5	63	7	<.1	57.76	0.12	23.65	1.39	0.03	0.10	1.98	5.08	6.42	0.05	3.02	99.70	290	<.010	727	519	16
98078		<5	2	5	<.1	60.96	0.10	22.01	1.63	0.02	0.27	1.92	7.20	3.64	<.03	2.63	100.47	394	<.010	494	183	16
98079		8	92	6	<.1	64.53	0.13	20.44	1.62	0.02	0.22	1.29	9.21	1.45	<.03	1.43	100.38	186	<.010	303	358	14
98080		<5	103	129	<.1	50.73	0.70	14.04	10.26	0.22	9.22	6.54	2.86	1.64	0.11	3.88	100.30	235	0.066	206	63	13
98081		<5	108	56	<.1	50.68	0.71	13.40	10.41	0.17	8.58	8.53	2.31	2.13	0.10	2.17	99.28	194	0.067	193	63	15
98082		<5	30	52	<.1	48.49	2.26	13.54	17.01	0.22	5.63	6.47	3.01	1.78	0.28	1.47	100.19	127	0.014	110	86	30
98083		<5	53	43	<.1	49.70	1.64	13.35	13.44	0.21	5.05	8.82	4.34	0.99	0.25	1.83	99.67	92	0.023	115	99	37
98084		6	131	51	<.1	51.36	1.67	13.22	13.30	0.22	5.53	7.82	4.89	0.73	0.25	1.32	100.37	119	0.027	120	103	37
98085		<5	73	44	<.1	50.57	1.65	13.57	13.69	0.18	6.40	7.80	3.53	0.79	0.27	1.64	100.14	48	0.024	107	106	36
98086		194	123	81	0.3	49.04	1.67	13.43	13.87	0.17	6.59	6.13	5.15	0.92	0.26	2.94	100.21	71	0.021	112	98	33
98087		<5	67	51	<.1	49.93	1.71	13.35	14.29	0.18	6.92	6.42	4.10	1.17	0.29	1.47	99.87	180	0.020	128	105	36
98088		8	128	47	<.1	51.23	1.61	13.19	12.23	0.21	6.09	8.73	4.67	0.51	0.25	1.49	100.26	89	0.024	192	97	35
98089		7	42	31	<.1	51.82	1.64	13.21	12.83	0.18	4.97	8.37	5.06	0.61	0.25	1.32	100.32	86	0.024	196	103	37
98090		<5	108	35	<.1	50.64	1.34	14.26	13.41	0.19	5.63	9.40	4.20	0.30	0.13	1.02	100.58	46	0.040	147	61	22
98091		7	112	38	<.1	48.14	0.78	15.51	9.95	0.21	5.38	9.67	4.55	0.76	0.06	3.48	98.57	182	0.056	143	36	14
98092		6	87	49	<.1	50.32	1.64	13.91	14.12	0.19	6.82	7.34	4.16	0.42	0.25	1.29	100.50	56	0.031	144	99	36
98093		5	222	45	0.2	51.89	0.82	16.07	8.78	0.18	5.27	9.59	5.10	0.67	0.07	1.64	100.18	102	0.061	216	38	14
98094		<5	125	39	<.1	52.86	0.77	15.69	8.01	0.16	6.70	8.23	5.04	0.67	0.08	2.29	100.60	135	0.056	232	36	13
98095		6	8	6	0.5	64.09	0.04	21.07	1.14	<.01	0.10	0.09	5.80	7.03	<.03	0.79	100.22	444	<.010	273	69	3

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 612

RAPPORT: C97-63539.0 (COMPLET) DATE RECU : 17-OCT-97 DATE DE L'IMPRESSION: 27-OCT-97 PAGE 2 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr2O3 PCT	Sr PPM	Zr PPM	Y PPM
98096		20	8	3	0.3	66.06	0.06	19.52	1.12	<.01	0.06	0.19	9.70	1.29	<.03	0.74	98.93	1313	0.013	465	228	7
98097		8	65	62	<.1	39.50	0.56	12.98	7.95	0.15	4.49	14.66	4.16	1.27	0.10	14.76	100.66	43	0.042	120	40	17
98098		10	105	262	<.1	63.66	0.49	15.22	4.34	0.05	2.17	3.31	6.48	0.63	0.15	2.77	99.34	207	0.021	218	153	15
98099		9	55	106	<.1	47.64	2.19	12.12	15.00	0.18	4.16	6.69	3.78	0.78	0.37	7.36	100.30	53	<.010	178	158	56
98100		<5	24	73	<.1	63.13	0.62	15.44	4.43	0.05	1.47	3.78	7.76	0.18	0.16	3.20	100.57	3044	0.022	238	186	16
98101		<5	91	42	<.1	50.31	1.90	13.15	16.26	0.23	5.78	7.23	3.54	0.45	0.34	1.21	100.43	42	0.018	105	96	35
98102		<5	130	51	<.1	49.87	2.04	12.55	17.06	0.21	5.72	7.05	3.03	0.32	0.29	1.07	99.24	39	0.011	143	100	38
98103		<5	52	153	<.1	51.82	0.69	19.83	9.31	0.08	3.69	4.23	3.93	3.39	0.17	2.97	100.18	489	0.013	313	145	15
98104		<5	14	33	<.1	50.24	2.05	12.73	15.86	0.19	4.85	7.50	4.33	0.20	0.33	0.87	99.18	39	0.010	132	127	47
98105		<5	53	37	<.1	50.71	1.80	13.56	15.36	0.20	5.75	7.34	2.96	0.59	0.30	0.77	99.37	36	0.019	105	133	46
98106		14	940	108	0.5	44.34	2.02	15.97	17.85	0.16	3.00	7.75	2.66	0.63	0.28	4.54	99.24	85	0.023	169	115	42
98107		15	78	64	<.1	49.73	1.67	13.68	14.58	0.17	6.99	7.79	2.50	0.55	0.25	2.04	99.99	46	0.022	90	127	35
98108		<5	86	55	<.1	49.53	1.57	13.16	14.26	0.21	7.34	7.81	3.10	0.55	0.26	1.81	99.65	52	0.022	88	104	39
98109		<5	55	29	<.1	50.02	1.60	12.92	13.13	0.17	5.10	8.44	4.91	0.66	0.25	2.35	99.59	71	0.023	114	99	35
98110		6	33	26	0.2	49.87	1.70	13.64	13.01	0.15	6.28	8.22	3.97	0.90	0.25	1.31	99.34	109	0.022	143	104	37
98111		7	67	27	<.1	51.70	1.65	13.74	12.64	0.19	5.12	9.23	4.15	0.42	0.24	0.82	99.94	56	0.024	138	102	35
98112		15	6	11	0.2	64.33	0.14	20.84	1.40	<.01	0.35	0.28	7.86	3.24	0.03	1.20	99.73	352	<.010	248	318	22
98114		13	29	76	0.2	48.79	1.67	13.40	12.69	0.23	4.79	8.03	5.39	1.38	0.24	2.68	99.35	187	0.021	215	103	35
98115		<5	78	84	0.2	51.35	1.69	13.69	11.36	0.21	4.44	6.73	5.95	1.38	0.22	2.62	99.71	123	0.021	249	110	36
98117		<5	74	96	0.6	51.73	1.68	12.85	11.58	0.20	5.06	7.37	5.66	1.40	0.26	1.87	99.72	178	0.017	326	116	38
98121		12	26	7	0.2	62.07	0.03	22.48	1.00	<.01	0.13	0.35	6.08	5.67	<.03	1.34	99.18	137	<.010	175	147	10
98124		<5	65	55	<.1	50.67	2.29	12.26	14.82	0.18	5.18	5.80	5.67	0.77	0.35	0.93	98.92	106	<.010	128	160	57
98125		<5	64	101	0.2	50.07	2.08	11.80	14.09	0.16	4.59	7.09	5.93	1.23	0.32	1.83	99.23	114	<.010	186	151	49
98127		<5	2	10	<.1	61.06	0.17	22.88	1.70	0.03	0.13	0.72	6.25	5.34	<.03	1.66	99.97	109	<.010	155	163	15
98130		<5	82	109	<.1	50.16	1.82	12.26	14.27	0.18	5.01	7.29	5.41	1.67	0.28	0.92	99.30	84	<.010	215	117	45
98131		7	87	97	<.1	48.68	1.86	12.03	14.20	0.15	4.86	7.34	5.48	1.33	0.28	2.07	98.30	125	<.010	136	118	42

Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

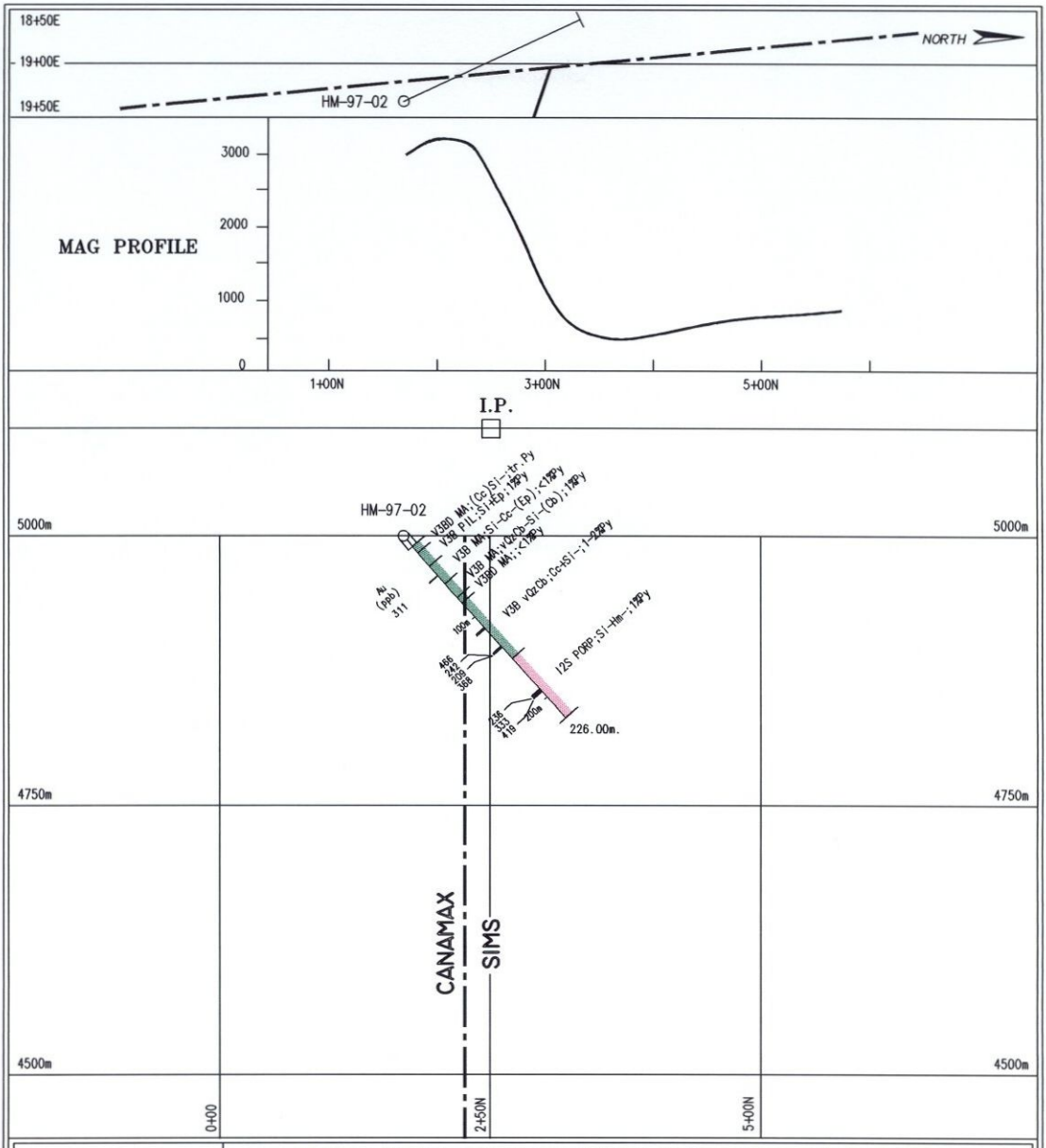
CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO. PROJET: 601

RAPPORT: C97-63849.0 (COMPLET) DATE RECU : 07-NOV-97 DATE DE L'IMPRESSION: 17-NOV-97 PAGE 1 DE 2

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr2O3 PCT	Sr PPM	Zr PPM	Y PPM
98113		8	72	141	<.1	41.68	1.46	12.32	13.71	.25	5.05	10.67	4.22	1.02	0.24	8.38	99.04	98	<.010	302	96	33
98116		<5	96	121	<.1	48.65	1.64	13.53	14.11	.16	5.02	4.68	4.19	3.65	0.24	1.59	97.53	227	<.010	259	108	38
98118		<5	95	112	<.1	45.09	1.62	12.52	13.44	.21	4.71	8.58	5.30	1.52	0.26	4.47	97.76	161	<.010	302	98	37
98119		9	127	102	<.1	43.67	1.69	12.73	14.92	.25	5.60	9.37	4.56	1.68	0.25	4.03	98.79	138	<.010	205	109	35
98120		12	52	122	<.1	42.85	1.78	13.42	15.06	.16	4.07	8.04	5.82	0.21	0.27	5.54	97.25	78	<.010	172	92	22
98122		47	25	11	<.1	65.16	0.08	18.72	1.71	.01	0.04	0.93	8.61	4.02	<.03	0.65	99.97	98	<.010	149	95	10
98123		<5	62	49	<.1	53.32	2.16	12.42	14.32	.16	4.48	6.18	4.24	0.95	0.34	1.17	99.77	80	<.010	165	159	58
98126		<5	36	149	<.1	42.69	1.99	12.82	15.01	.20	4.11	9.19	5.63	1.21	0.30	6.46	99.66	94	<.010	269	127	43
98128		<5	179	128	<.1	48.72	1.31	14.35	14.23	.28	4.93	7.61	3.10	1.24	0.16	2.57	98.53	192	<.010	142	111	28
98129		<5	16	12	<.1	63.83	0.07	20.61	1.20	.02	0.11	0.50	8.27	3.94	<.03	0.88	99.48	191	<.010	201	105	11

Appendix VI

Drill Hole Sections 1:2000
(HM-97-02, SI-97-03, 04, 05, 06, 07)



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT McDERMOTT PROJECT - SIMS PROPERTY -

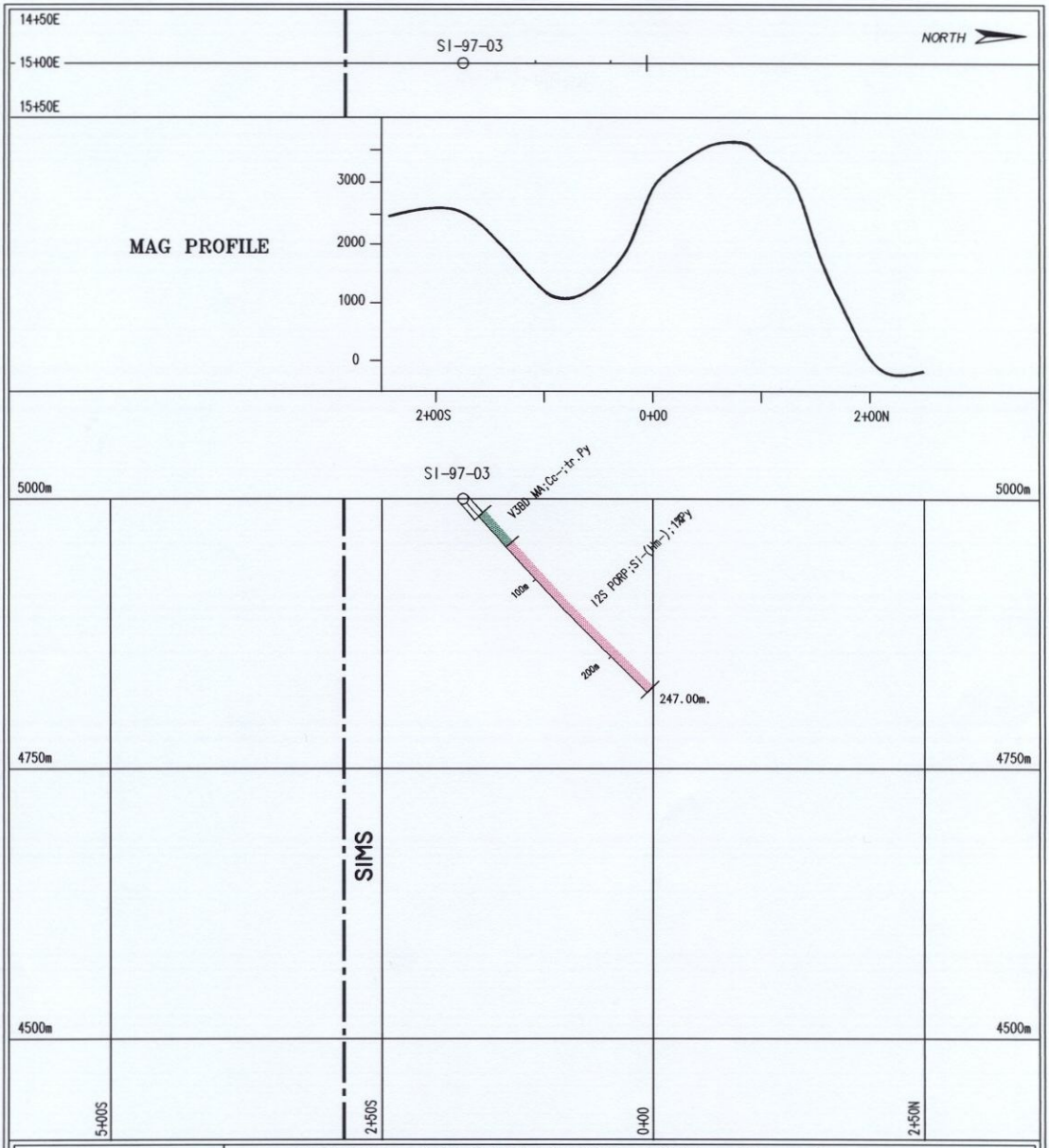
SECTION HM-97-02

DRAWN BY	Lizette Mazoue	PROJECT NO.	601
GEOLOGY BY	M. B. , P. St-G.	RANGE(S)	
REVISED BY	Nick Teasdale	TOWNSHIP(S)	Harker
APPROVED BY	Gerald Panneton	N.T.S.	32D/05, 32D/12
REMARK	Oct. 01, 1997	INF NO.	HM-97-02.DWG

SCALE
1 : 5 000

0 100 200m

O:\601\DWG\SEC\5000



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT McDERMOTT PROJECT - SIMS PROPERTY -

SECTION SI-97-03

DRAWN BY	Lizette Mazoue	PROJECT NO.	601
GEOLOGY BY	M. B. , P. St-G.	RANGE(S)	
REVISED BY	Nick Teasdale	TOWNSHIP(S)	Harker
APPROVED BY	Gerald Panneton	N.T.S.	32D/05, 32D/12
REMARK	Oct. 01, 1997	INF NO.	SI-97-03.DWG

SCALE
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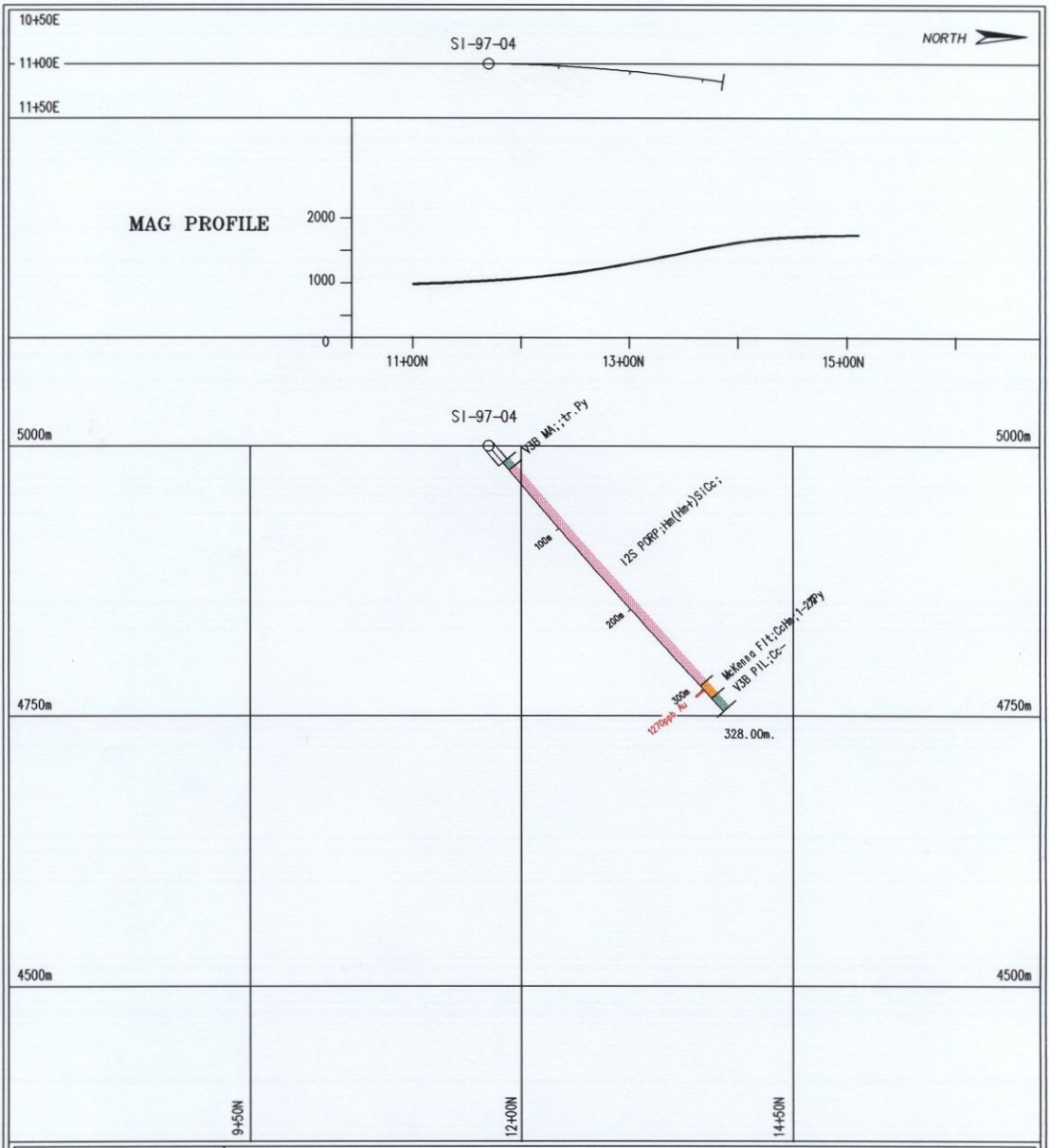
0 100 200m

O:\601\DWG\SEC\5000



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT McDERMOTT PROJECT - SIMS PROPERTY -

SECTION SI-97-04

DRAWN BY	Lizette Mazoue	PROJECT NO.	601
GEOLOGY BY	M. B. , P. St-G.	RANGE(S)	
REVISED BY	Nick Teasdale	TOWNSHIP(S)	Harker
APPROVED BY	Gerald Panneton	N.T.S.	32D/05, 32D/12
REMARK	Oct. 01, 1997	INF NO.	SI-97-04.DWG

SCALE
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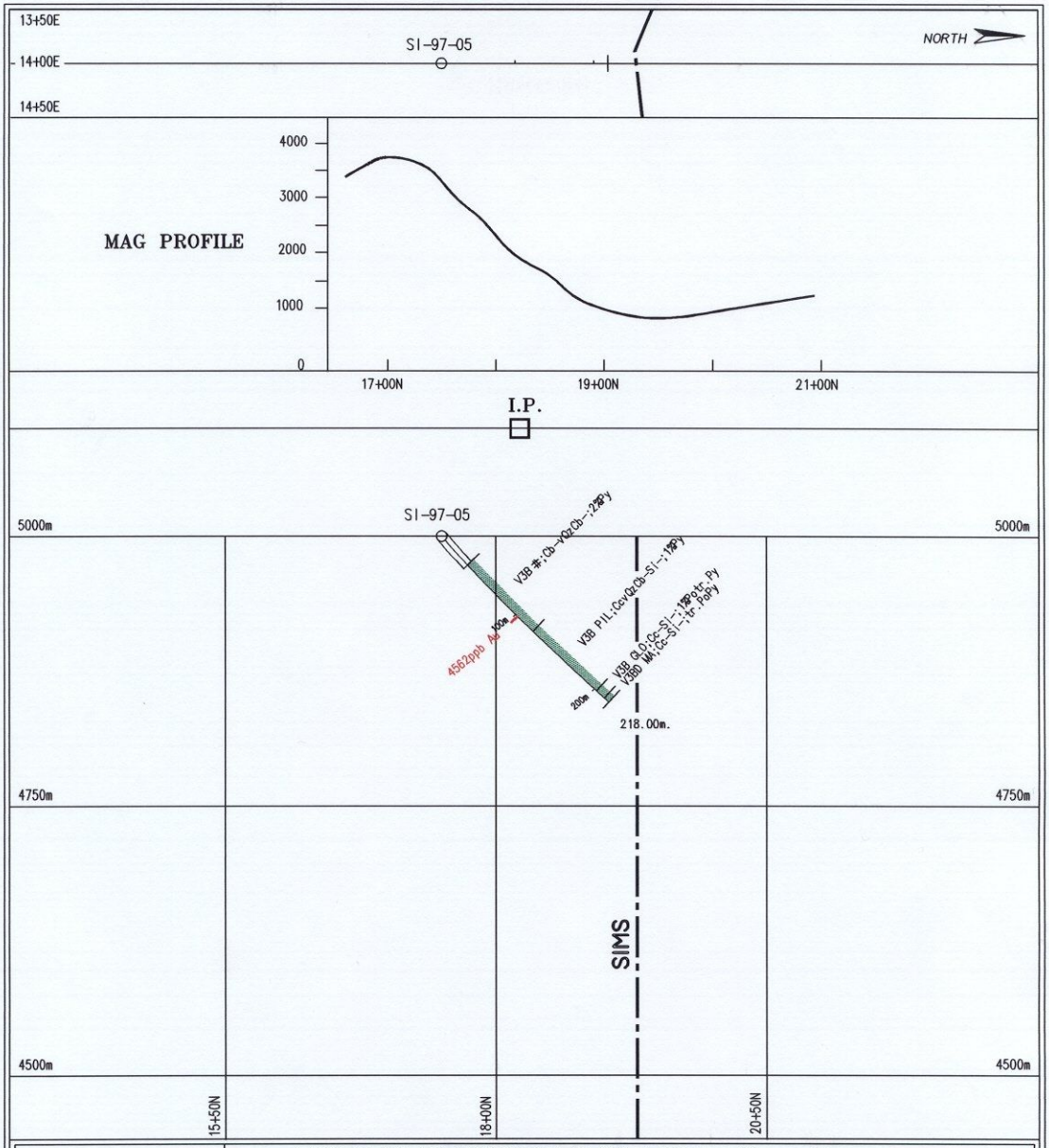
0 100 200m

O:\601\DWG\SEC\5000



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT McDERMOTT PROJECT - SIMS PROPERTY -

SECTION SI-97-05

DRAWN BY	Lizette Mazoue	PROJECT NO.	601
GEOLOGY BY	M. B. , P. St-G.	RANGE(S)	
REVISED BY	Nick Teasdale	TOWNSHIP(S)	Harker
APPROVED BY	Gerald Panneton	N.T.S.	32D/05, 32D/12
REMARK	Oct. 01, 1997	INF NO.	HM-97-05.DWG

SCALE
1 : 5 000

0 100 200m

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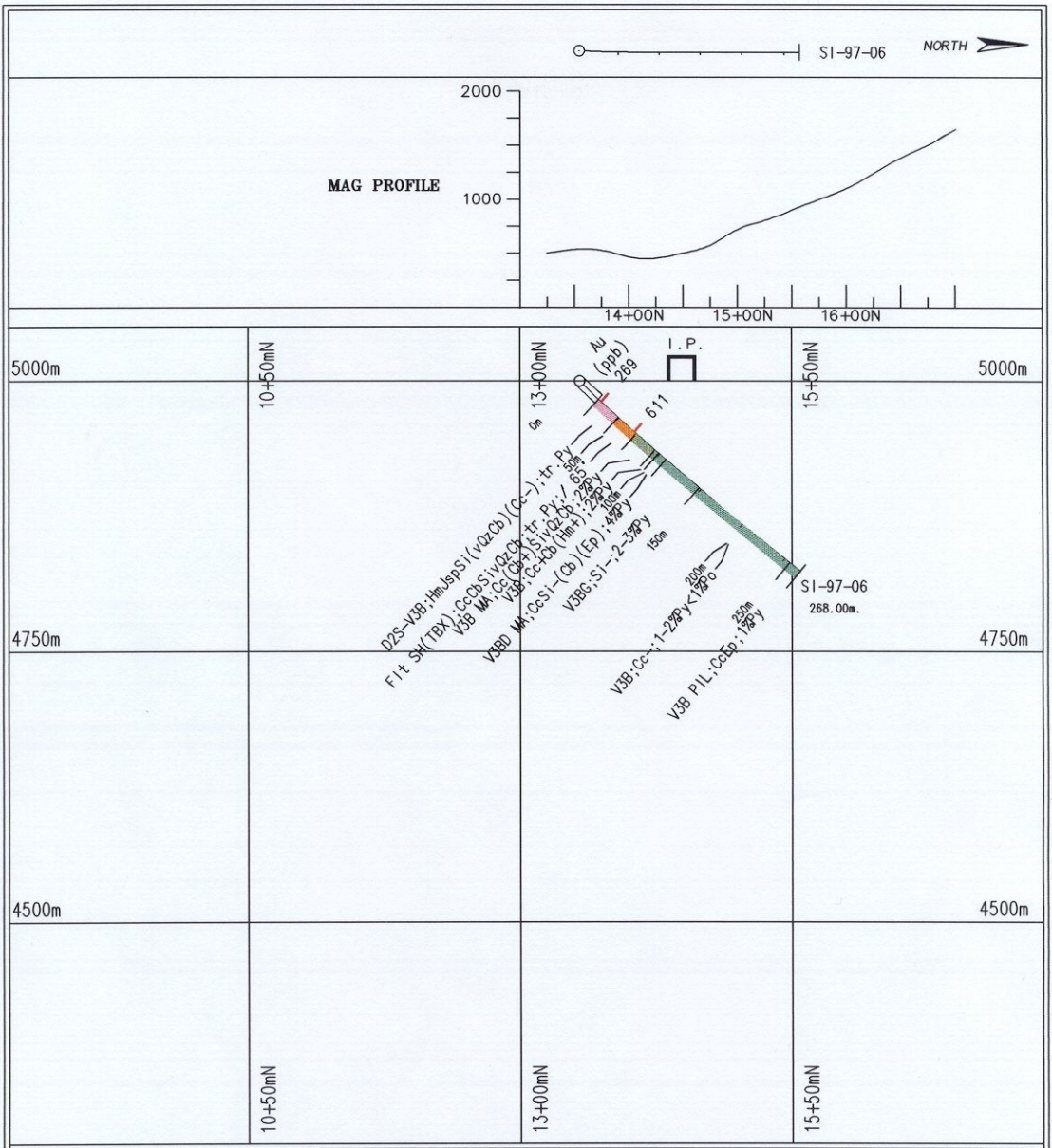


BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

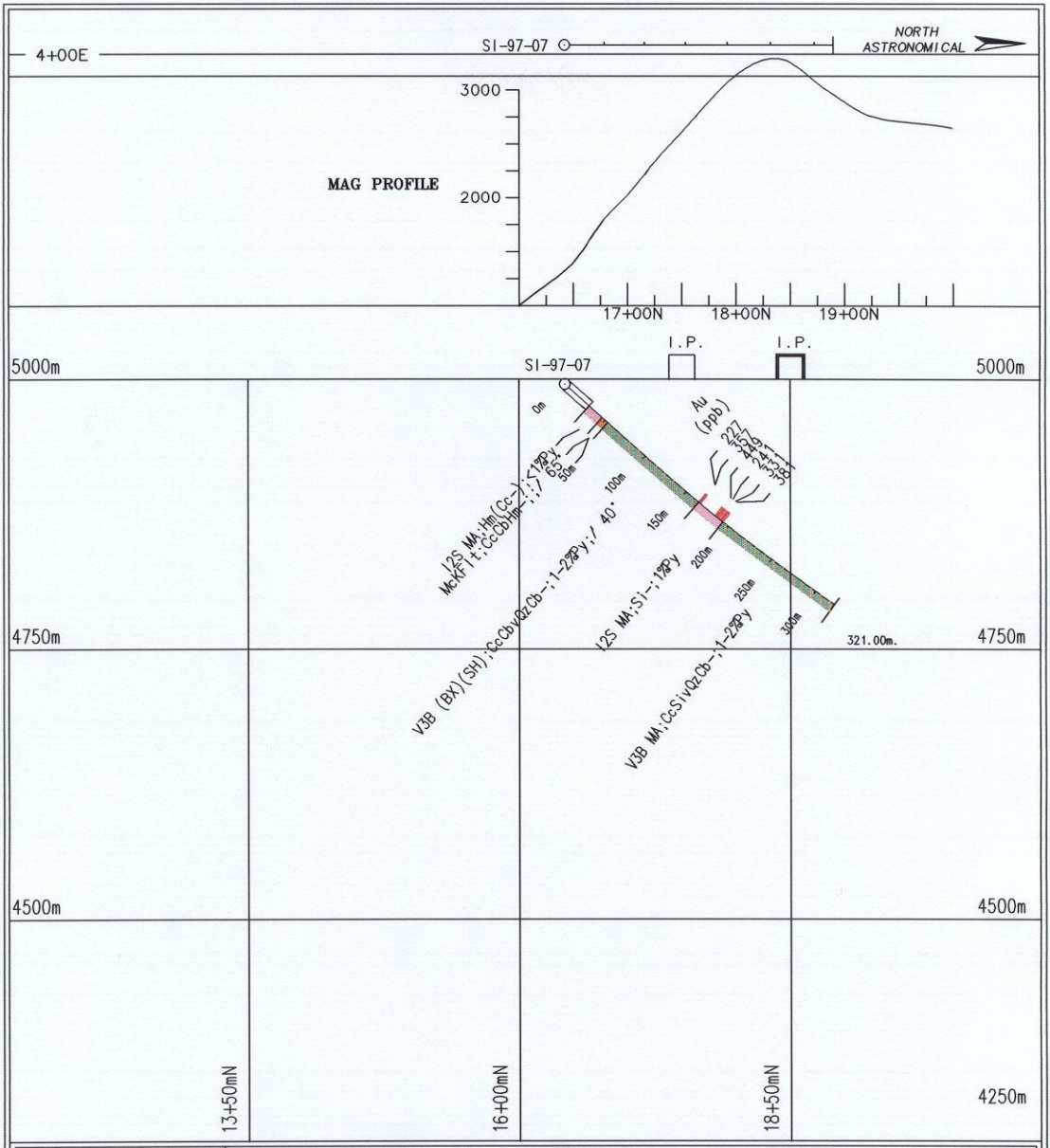
HOLT McDERMOTT PROJECT - SIMS PROPERTY -

HOLE SI-97-06

DRAWN BY	Marc Gauthier	PROJECT NO.	601
GEOLOGY BY	P. St.Germain	RANGE(S)	
REVISED BY	M. Belanger	TOWNSHIP(S)	
APPROVED BY	Gerald Panneton	N.T.S.	
REMARK	November 01, 1997	INF NO.	SI-97-06.DWG

SCALE
1 : 5 000 metres
0 50 100 150 200

o:\601\dwg\sec\5000\si-97-06



BARRICK GOLD CORPORATION
CANADA EXPLORATION

BARRICK

HOLT McDERMOTT PROJECT - SIMS PROPERTY -

HOLE SI-97-07

DRAWN BY	Marc Gauthier	PROJECT NO.	601
GEOLOGY BY	P. St.Germain	RANGE(S)	
REVISED BY	M. Belanger	TOWNSHIP(S)	
APPROVED BY	Gerald Panneton	N.T.S.	
REMARK	November 01, 1997	INF NO.	SI-97-07.DWG

SCALE
1 : 5 000 metres
0 50 100 150 200

O:\601\DWG\SEC\5000\

Appendix VII

Property Compilation Map 1:5000

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W9880.00360 4
Assessment Files Research Imaging

32D12SW2006 2.18551 HARKER 900

...ority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the ...sed to review the assessment work and correspond with the mining land holder. ...Mining Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Barrick Gold Corporation	302195
Address	**Telephone Number**
2, Chemin Bousquet, Route 395, Preissac	(819) 759-8208
Québec, J0Y 2E0	**Fax Number** 759-3527
Name	**Client Number**
American Barrick Resources Corporation	102119
Address	**Telephone Number**
2, Chemin Bousquet, Route 395, Preissac	idem
Québec, J0Y 2E0	**Fax Number** idem

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2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☐ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type	Office Use
Diamond Drilling and stripping	Commodity
	Total $ Value of Work Claimed 124,407
Dates Work Performed From 06 (Day) 09 (Month) 97 (Year) To 01 (Day) 10 (Month) 97 (Year)	NTS Reference
Global Positioning System Data (if available) / Township/Area: Harker	Mining Division Larder Lake
32D/05, 32D/12 / M or G-Plan Number: G-3643	Resident Geologist District Kirkland Lake

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
Nicholas Teasdale, Barrick Gold Corporation	(819) 759-8208
Address	**Fax Number**
2, Chemin Bousquet, Route 395, Preissac, Qc, J0Y 2E0	759-3527
Name	**Telephone Number**
Forage M. Rouillier Inc.	(819) 727-9269
Address	**Fax Number**
824 des Forestiers, C.P. 335, Amos, Qc, J9T 3A7	727-1260
Name	**Telephone Number**
Entreprises René Sigouin Inc.	
Address	**Fax Number**
1908, 3e avenue, Val d'Or, Québec, J9P 4N7	

4. Certification by Recorded Holder or Agent

I, Gérald Panneton (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Gérald Panneton	Date
		June 2, 1998
Agent's Address	**Telephone Number**	**Fax Number**
2, Chemin Bousquet, Route 395, Preissac, Qc	(819) 759-8208	759-3527

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	L684566	1	24,079	1,600	22,400	79
2	L684568	1	19,623	1,600	8,000	10,023
3	L684573	1	43,850	1,600	0	42,250
4	L684583	1	7,107	1,600	0	5,507
5	L684587	1	16,902	1,600	0	15,302
6	L842507 (patented) 8000764	1	12,847	0	0	12,847
7	L684565	1	0	1,600	0	0
8	L684567	1	0	1,600	0	0
9	L684569	1	0	1,600	0	0
10	L684570	1	0	1,600	0	0
11	L684571	1	0	1,600	0	0
12	L684572	1	0	1,600	0	0
13	L684574	1	0	1,600	0	0
14	L684575	1	0	1,600	0	0
15	L684576	1	0	1,600	0	0
		Column Totals	see sheet 2			

I, Gérald Panneton (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
Gérald Panneton	June, 2, 1998

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

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Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario | Ministry of Northern Development and Mines

Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use) W9880.00364

Harker Sims project (612)

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land	Value of work applied to this claim	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a future date
L	684577	1	0	1,600	0	0
L	684578	1	0	1,600	0	0
L	684579	1	0	1,600	0	0
L	684580	1	0	1,600	0	0
L	684581	1	0	1,600	0	0
L	684582	1	0	1,600	0	0
L	684584	1	0	1,600	0	0
L	684585	1	0	1,600	0	0
L	684586	1	0	1,600	0	0
L	684588	1	0	1,600	0	0
		Column Totals	124,408	38,400	30,400	86,008

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JUN 04 1998
8:30
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0290 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9880.00364

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	1382 meter	63.74/m	88,091
Stripping	claim 684583		7,107
Barrick salaries	4 peoples		15,000
Assays	547 assays	23.06/assay	12,616
Associated Costs (e.g. supplies, mobilization and demobilization).			
Material (see invoices)			983.
Transportation Costs			
Vehicle (location & fuel)			610
Food and Lodging Costs			
		Total Value of Assessment Work	124,407

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JUN 04 1998
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Gérald Panneton (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [signature]
Date: June 2, 1998

0212 (02/96)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

September 2, 1998

Gerald Panneton
BARRICK GOLD CORPORATION
2 CHEMIN BOUSQUET ROUTE 395
PRIESSAC, QUEBEC
J0Y-2E0

Dear Sir or Madam:

Submission Number: 2.18551

		Status
Subject: Transaction Number(s):	W9880.00364	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 12738

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18551

Date Correspondence Sent: September 02, 1998 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00364	684566	HARKER	Deemed Approval	September 01, 1998

Section:
10 Physical PSTRIP
16 Drilling PDRILL

Note, in subsequent submissions containing physical work (i.e. stripping), no matter how insignificant the results are, please submit the results of the physical work in accordance to Section 10 of the Assessment Work Regulations.

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Gerald Panneton
BARRICK GOLD CORPORATION
PRIESSAC, QUEBEC

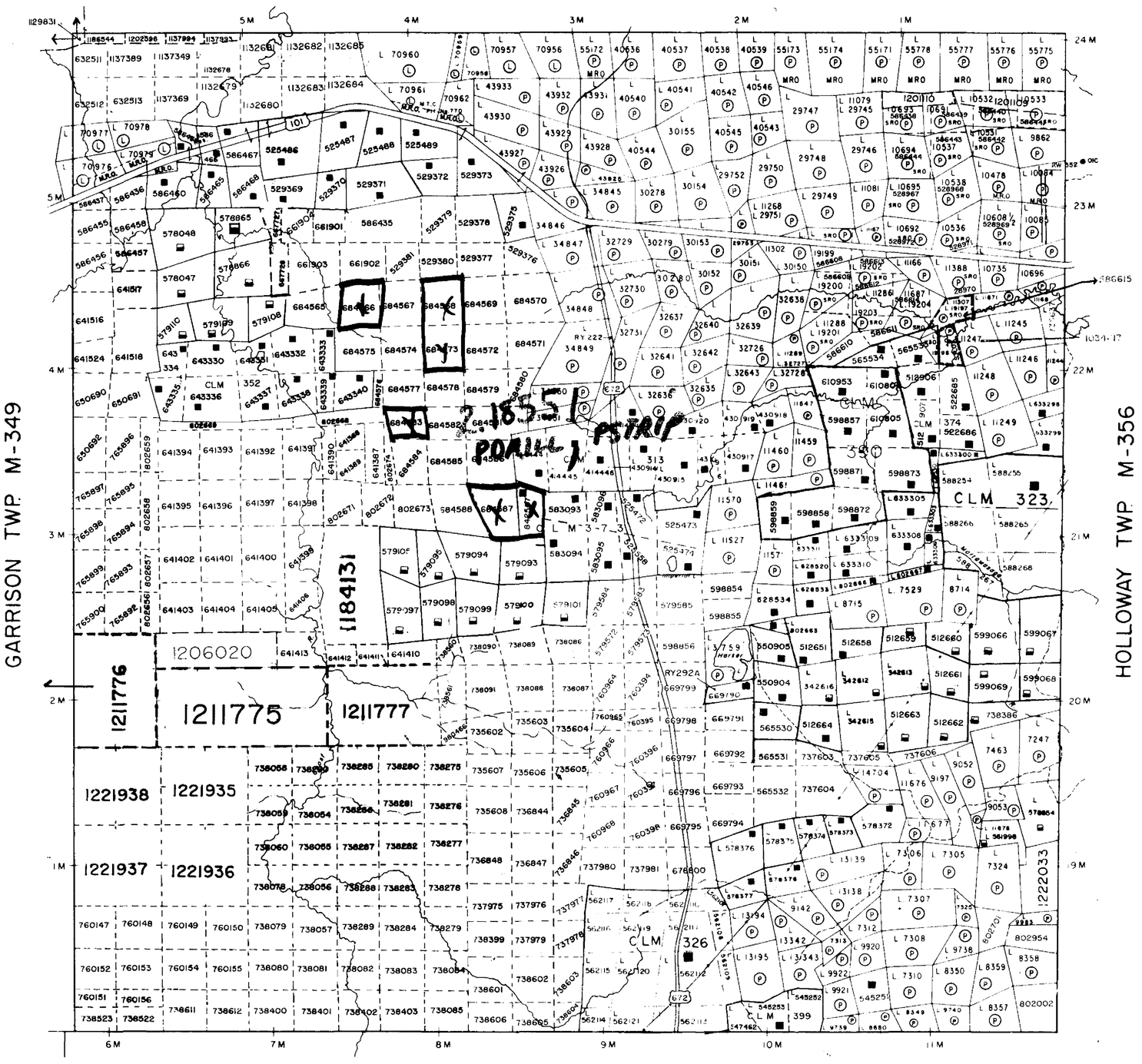
AMERICAN BARRICK RESOURCES CORPORATION
TORONTO, ONTARIO

Correspondence ID: 12738

661904 661904

LAMPLUGH TWP M-358

NOTICE OF FORESTRY ACTIVITY
THIS TOWNSHIP/AREA FALLS WITHIN THE ABITIBI MANAGEMENT UNIT
AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA ONT. P0K-1T0
705-642-3222



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO [illegible] MINING CLAIMS SHOWN SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

THE TOWNSHIP
OF

HARKER

DISTRICT OF
COCHRANE

LARDER LAKE
MINING DIVISION

RECEIVED
JUL 15 1998
GEOSCIENCE ASSESSMENT OFFICE

SCALE: 1-INCH 40 CHAINS

LEGEND

PATENTED LAND	● or (P)
CROWN LAND SALE	C.S.
LEASES	■ or (L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	X
CANCELLED	C
PATENTED S.R.O.	◓
LEASE - MINING RIGHTS ONLY	■
ORDER - IN - COUNCIL	OIC

NOTES

400' Surface Rights reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
L.U.P.	LAND USE PERMIT NO. 17130, PENDING APPLCATION UNDER PUBLIC LANDS ACT			

Ontario
Ministry of Natural Resources
Ministry of Northern Development and Mines

Date
Number G-3643

CIRCULATED FEB. 26, 1990

ARCHIVED APRIL [illegible]
ARCHIVED OCT. [illegible], 1996

32D12SW2006 2.18551 HARKER

13000 N 2000 E

3000 E

4000 E

585000mE

586000mE

587000mE

BASALT

5374000mN

L 200 W | L 100 W | L 0 | L 100 E | L 200 E | L 300 E | L 400 E | L 500 E | L 600 E | L 700 E | L 800 E | L 900 E | L 1000 E | L 1100 E | L 1200 E | L 1300 E | L 1400 E | L 1500 E | L 1600 E | L 1700 E | L 1800 E | L 1900 E | L 2000 E | L 2100 E | L 2200 E | L 2300 E

T.L. 2100N

T.L. 1700N

SI-97-07

SI-97-05

T.L. 1500N

L 2300 E

SI-97-06

12000 N

T.L. 1300N

5373000mN

SI-97-04

SIMS

T.L. 1000N

L 2000 E | L 2100 E | L 2200 E

SYENITE

11000 N

L 900 E | L 1000 E | L 1100 E

HM-97-02

BASE LINE 0+00N

SI-97-03

T.L. 250S

L 1200 E | L 1300 E | L 1400 E | L 1500 E | L 1600 E | L 1700 E | L 1800 E | L 1900 E

BASALT

5372000mN

SEDIMENTS

10000 N

5371000mN

1000 E

585000mE

586000mE

3000 E

587000mE

Geological contact

ST-97-12 1997 Diamond drill hole

1997 Outcrop stripping

IP Axes

Access roads

BARRICK

BARRICK GOLD CORPORATION
(Canada Exploration)

HOLT MCDERMOTT PROJECT, SIMS BLOCK
Property map

DRAWN BY	P.Laliberte	PROJECT NO.	603
GEOLOGY BY	N.Teasdale, M.Belanger	RANGE(S)	
REVISED BY		TOWNSHIP(S)	
APPROVED BY	Gerald Panneton	N.T.S.	
REMARK	April 22, 1998	INF NO.	SIMS97.DWG

SCALE 1 : 5 000

0 100