ASSESSMENT REPORT

BASED ON

1996 RECONNAISSANCE DIAMOND DRILLING

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE

VICTORIA CREEK PROJECT

LARDER LAKE MINING DIVISION

GAUTHIER TOWNSHIP, ONTARIO

****

PREPARED BY

W.A. HUBACHECK CONSULTANTS LTD.

FOR

SUDBURY CONTACT MINES LTD.

VOLUME 1

Projects 191, 202, 207

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JUNE 15, 1997

W. A. HUBACHECK CONSULTANTS LTD.

32D04NW2006 2.18546 GAUTHIER 010

TABLE OF CONTENTS

	Page
Summary	1
Introduction	2
Previous Work	3
Logistics	5
Property and Project Area Description	6
Location and Access	10
Physiography and Climate	10
Regional Geology	13
Drill Hole Summaries	14
Hole LG96-135	14
Hole C96-136	14
Hole L96-137	15
Hole L96-138	15
Hole L96-139	16
Hole LG96-140	17
Hole LG96-141	17
Hole LG96-142	18
Hole LG96-143	18
Hole LG96-144	19
Hole LG96-145	19
Hole LG96-146	20
Hole C96-147	20
Hole C96-148	21
Hole LG96-149	21
Hole L96-151	22
Conclusions	23
Recommendations	24
Bibliography	25
Certificate	27
Appendices	Following Page 27

FIGURES

Figure 1 - Victoria Creek Project Claim Map	7
Figure 2 - Victoria Creek/Diamond Lake Project Location Map	8
Figure 3 - Victoria Creek Gold Deposit Location Map	9
Figure 4 - Kirkland Lake Area Geology Map	11
Legend for Figure 4	12

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SUMMARY

Sudbury Contact Mines Ltd. is involved in the exploration of a large group of claims called "The Victoria Creek Project" in Gauthier, Arnold and Lebel Townships totalling 168 claims and 9,260 acres. At the end of 1996, Sudbury Contact Mines Ltd had completed 162 diamond drill holes totalling 76,219 metres (250,062 feet) and gridded with full geophysical, and geological coverage over six kilometres of strike length and a two and a half kilometre north/south swath. This work led to the outlining of an inferred gold resource of 4.96 million tonnes grading 3.49 grams of gold/tonne, with an average width of 3.6 metres, calculated using a minimum true width of 2.5 metres and a grade cut-off of 2.0 grams of gold/tonne.

A total of 12,942 metres (42,461 feet) was drilled in 31 holes on the Victoria Creek Project in 1996. This included 15 reconnaissance drill holes (4,712 metres) on exploration targets outside the Victoria Creek Gold Deposit area.

The 1996 reconnaissance diamond drilling program followed up on results from the 1995 reconnaissance drilling program in the line 12E area, the line 22E area, a possible parallel gold horizon deep in the footwall of the Victoria Creek gold deposit, as well as an untested I.P. anomaly south of Victoria Lake in Temiskaming age rocks. One hole was also drilled to test a coincident magnetic and resistivity low within mafic flows on line 40E. Results of the diamond drilling show that most of the targets reflect graphitic, pyritic sediments and felsic volcaniclastics.

Drilling results were favourable in the line 12E area, with hole L96-151 returning 6.48 g Au/tonne over a core length of 2.3 metres, with mixed results in the deep footwall zone and negative results in drilling to the east of the line 12E area and south of Victoria Lake. Further drilling is given high priority in the 12E area.

INTRODUCTION

The 1996 Victoria Creek Project is comprised of the Lac-Gauthier Option, Walhanna (Little) Option, Consolidated Thompson Lundmark Victoria Lake Option, Consolidated Thompson Lundmark East Option, as well as a number of wholly owned claims in Gauthier and Arnold townships.

The Lac-Gauthier Property, optioned from Lac Minerals Ltd., on September 27, 1991, comprises 92 unpatented claims totalling 3,680 acres. As of 1996, Sudbury Contact Mines Ltd. owns 100% of the Lac-Gauthier property, subject to a NSR payable to Lac Properties Inc. (Barrick Gold Corp.)

The Walhanna Property, optioned from Walhanna Enterprises Limited on September 1, 1993 comprises six patented mining claims totalling approximately 270 acres in northwest Gauthier Township.

The Consolidated Thompson Lundmark Victoria Lake Property was optioned from Consolidated Thompson Lundmark Gold Mines Ltd. on December 1,1993. It comprises 50 patented mining claims and licenses of occupation and nine unpatented mining claims totalling approximately 2,270 acres in northeast Lebel Township, southwest Arnold Township and northwest Gauthier Township.

The Consolidated Thompson Lundmark East Property was optioned from Consolidated Thompson Lundmark Gold Mines Ltd. in September 1994. It is comprised of 11 unpatented mining claims totalling approximately 400 acres. This property was returned to the vendor in 1996

In addition Sudbury Contact Mines Ltd has acquired through staking nine unpatented mining claims totalling 2,600 acres in Arnold and Gauthier Townships. All the above groups of claims are contiguous.

This report describes the results of the 1996 reconnaissance diamond drilling completed on the Victoria Creek Project between Lines 16+00W to 40+00E (metric)

The coordination and implementation of the various technical tasks was conducted by W.A. Hubacheck Consultants Ltd. under the supervision of P. Hubacheck, D. Christie, and D. Jamieson.

PREVIOUS WORK

Sudbury Contact Mines Ltd. commenced exploration on the Victoria Creek Project in late 1991 with the acquisition of the Lac-Gauthier Property. Work in 1992 consisted of geological data compilation and reconnaissance target evaluation.

From February to March of 1993, a thirteen hole Reverse Circulation drilling program was conducted along the southern portion of the Lac-Gauthier Property in an attempt to evaluate the diamond and gold potential of the property. The drilling discovered the proximal portion of a gold grain dispersal train within till in the northwest area of the Lac-Gauthier Property. Bedrock chips from Holes LGO93-1 and LGO93-2 in the above area returned 500 and 50 ppb Au respectively, indicating a potentially gold enriched environment.

A follow up Reverse Circulation drilling program of six holes was conducted in June 1993 to better define and delineate the gold grain dispersal train and its source. Hole LGO93-15 located 100 m north of LGO93-1 returned 0.044 oz Au/ton from sheared and altered felsic volcanic bedrock chips. This Reverse Circulation gold discovery initiated the acquisition of the Walhanna Property on September 1, 1993.

From September to October 1993, a grid was cut on the Walhanna Property and northwest portion of the Lac-Gauthier Property. JVX Ltd conducted Time Domain Spectral Induced Polarization/Resistivity and Total Field Magnetic surveys on the grid. The Induced Polarization Survey outlined two major EW anomalies (Webster and Vickers, 1993).

In late 1993, a diamond drilling program consisting of six holes totalling 1,477 metres discovered a significant gold zone over a strike length of at least 600 metres. The gold zone returned 0.17 oz Au/ton (0.12 cut to 1 oz.) over 14.15 metres (46.4 feet), 0.13 oz Au/ton over 3 metres (9.8 feet) and 0.04 oz Au/ton over 9 metres (29.5 feet).

These positive gold results from the 1993 diamond drilling initiated the acquisition of the Consolidated Thompson Lundmark Victoria Lake Property on December 1, 1993.

From January 1 to March 30, 1994 Line cutting, Time Domain Spectral Induced Polarization/Resistivity, Total Field Magnetics, VLF surveys where conducted by JVX Ltd. on the Little, northeastern portion of the Consolidated Thompson Lundmark and northwestern portion of the Lac-Gauthier Properties (Webster and Vickers, 1994). The Induced Polarization survey identified the extension of the major Base line IP anomaly and other linear anomalies over the survey area. These targets lead to a second diamond drilling program of eighteen holes totalling 6,295.3 metres.

This second drilling program successfully extended the depth extension of the Victoria Creek Main Gold Zone to a longitudinal depth of 350 metres and increased the strike extension to 900 metres. The best drill intersections from the Main Gold Zone were 0.15 oz Au/ton over 14.8 feet, 0.17 oz Au/ton over 10.9 feet and a wider intercept of 0.05 oz Au/ton over 67 feet. This wide intercept was the western most intersection of the Main Zone and opened a significant new drill target area.

In June 1994, a third phase of diamond drilling commenced with the first deep hole L94-25 returning 0.35 oz Au/ton over 19.5 feet. The third phase of drilling consisted of 27 holes totalling 17,304 metres (56,772 feet) and extended the gold mineralization over a strike length of 1.2 kilometres (3,940 feet), a depth of 2,600 feet in the east and a depth of 2,400 feet in the west. Some of the best drill intersections included 0.26 oz Au/ton over 9.9 feet, 0.22 oz Au/ton over 30.5 feet and 0.19 oz Au/ton over 9.0 feet.

The diamond drilling completed to the end of 1994 outlined an inferred mineral resource of 4.72 million tons grading 0.132 ounces of gold per ton, with an average width of 14.3 feet. This includes the west zone totalling 1.97 million tons grading 0.07 ounces of gold per ton, with an average width of 14 feet and the east zone of 2.75 million tons grading 0.174 ounces of gold per ton, with an average width of 14.4 feet.

In 1994, the Kidston Property and the Consolidated Thompson Lundmark East Property where optioned and became part of the Victoria Creek Project.

In early 1995, JVX Ltd. conducted Line cutting, Total Field Magnetics, VLF and Time Domain Spectral Induced Polarization/Resistivity surveys over the far east Lac-Gauthier Property (L40 to 62E), the Consolidated Thompson Lundmark East Property and the Kidston Property. Almost the complete Victoria Creek Project area has been covered by the above types of geophysical surveys, excluding the Kinojevis Group Mafic Flows. The 1995 geophysical surveys outlined extensions of existing Induced Polarization anomalies and VLF conductors, as well as identifying new ones. Some of these anomalies were subsequently drilled in the 1995 reconnaissance diamond drilling program.

LOGISTICS

Diamond Drilling:	Benoit Drilling Ltd. Val d'Or, Quebec
Assay Lab:	Chemitec Labs Val d'Or, Quebec
Senior Geologist:	Peter Hubacheck, P. Geol. 2401 Pyramid Cres. Mississauga, Ontario L5K 1E1
Project Geologist:	Dave Christie, B.Sc., F.G.A.C. 104 Douglas Avenue Toronto, Ontario M5M 1G6
Contract Geologist:	David Jamieson, B.Sc. 2004 Manice Avenue R.R. #4 Peterborough, Ontario K9J 6X9
Drill Geologists:	Lorne Burden, F.G.A.C Toronto, Ontario
Drill Site/Road Preparation:	Kirkland Trailers Dobie, Ontario
Surveyors:	Jack Devereaux Larder Lake, Ontario
Technicians:	Robert Peever Kirkland Lake, Ontario
Core Splitting:	Jason Kavicwviz Larder Lake, Ontario
	Larry Robidoux Larder Lake, Ontario
	Jason McPhail Larder Lake, Ontario

PROPERTY AND PROJECT AREA DESCRIPTION

The 1996 Victoria Creek Project consists of four mining properties whose claim numbers are listed below.

The Lac-Gauthier Property consists of 92 unpatented claims totalling 3,680 acres and the Walhanna Property is comprised of 6 patented mining claims totalling approximately 270 acres in the northwest and northern sections of Gauthier Township in the Larder Lake Mining Division (Figure 1).

The Consolidated Thompson Lundmark Victoria Lake Property consists of 50 patented mining claims and licenses of occupation and nine unpatented mining claims totally approximately 2,270 acres in the northwestern section of Gauthier Township and northeastern section of Lebel Township (Figure 1).

The Consolidated Thompson Lundmark East Property consist of 11 unpatented claims totalling approximately 400 acres in central Gauthier Township. This property was returned to the vendor in 1996. No drilling was ever completed on the property by Sudbury Contact Mines Ltd.

Sudbury Contact Mines Limited had nine unpatented mining claims staked between 1992 and 1994. These claims are contiguous to the other properties to the north and south (Figure 1).

Lac-Gauthier Property: Unpatented: 1110596, 111375-79, 1186984, 800255-278, 821260-274, 821285, 821288, 821290, 821351-358, 894120-127, 918200-202, 918204, 918207-216, 918219-227, 918231-232, 918234-235.

Walhanna Property: Patented: 37259-260, 372310-312, 372341.

Consolidated Thompson Lundmark Victoria Lake Property: Patented: 30798-799, 30804-805, 30808, 6872-74, 7845-48, LS18, 14023, 9338-53, 8502-04.

Licenses of Occupation: 30807, LS17, 16133, LS26, 30800-803, 30806, 30809-814, 30883. Unpatented: 599071-599079

Sudbury Contact Mines Ltd Claims (Arnold and Gauthier Townships): 1200505, 1186217, 11886216, 1200584-585, 1200587, 1200588, 1200506, 118618

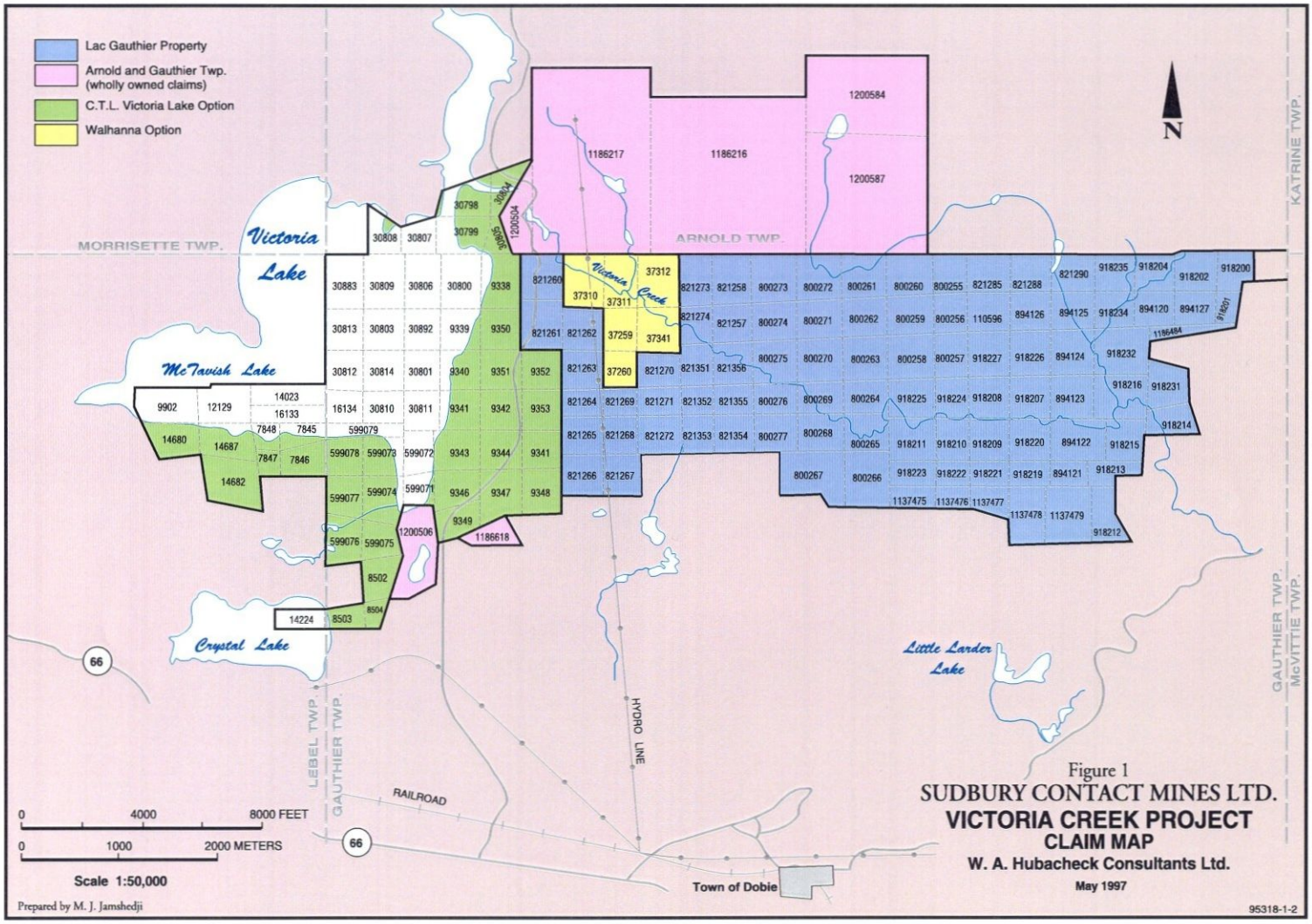


Figure 1
SUDBURY CONTACT MINES LTD.
VICTORIA CREEK PROJECT
CLAIM MAP
W. A. Hubacheck Consultants Ltd.
May 1997

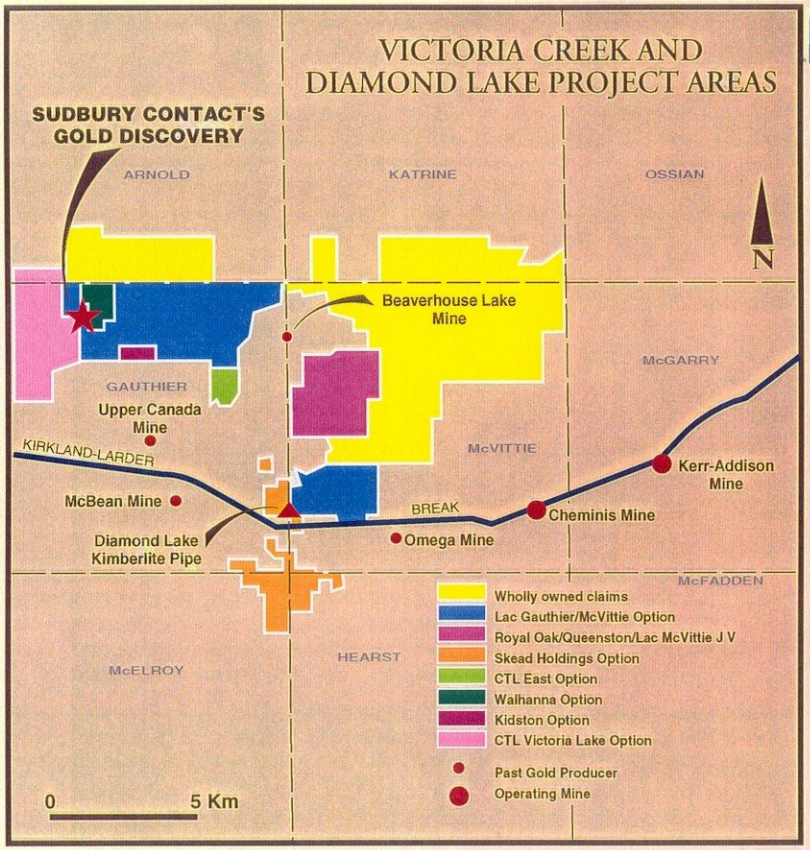


Figure 2

SUDBURY CONTACT MINES LTD.

VICTORIA CREEK/DIAMOND LAKE PROJECT

PROPERTIES LOCATION MAP

W. A. Hubacheck Consultants Ltd.

November 1995

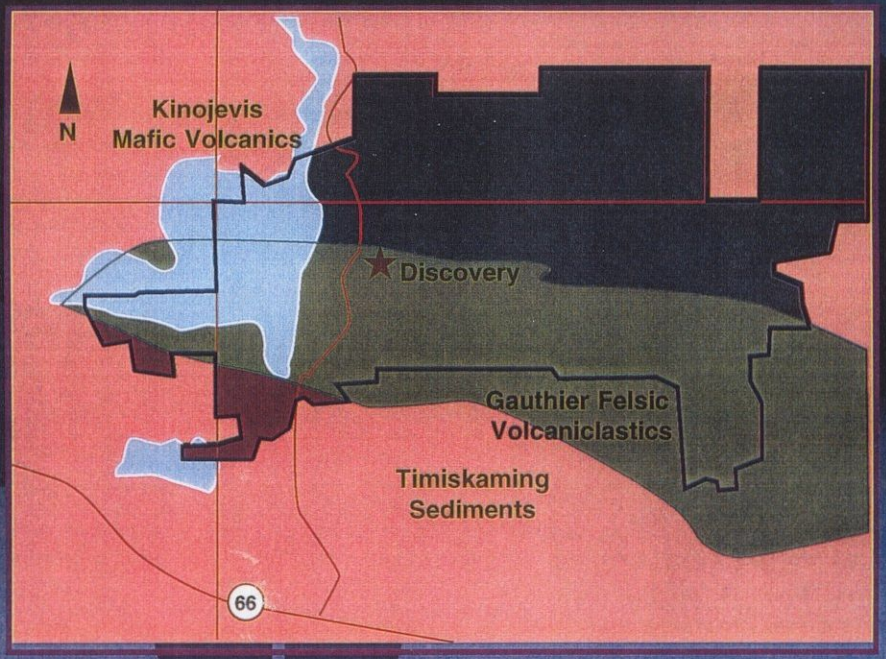
Prepared by M. J. Jamshedji

95318-2

SUDBURY CONTACT MINES

VICTORIA CREEK PROJECT - LOCATION MAP

AGNICO-EAGLE MINES LIMITED



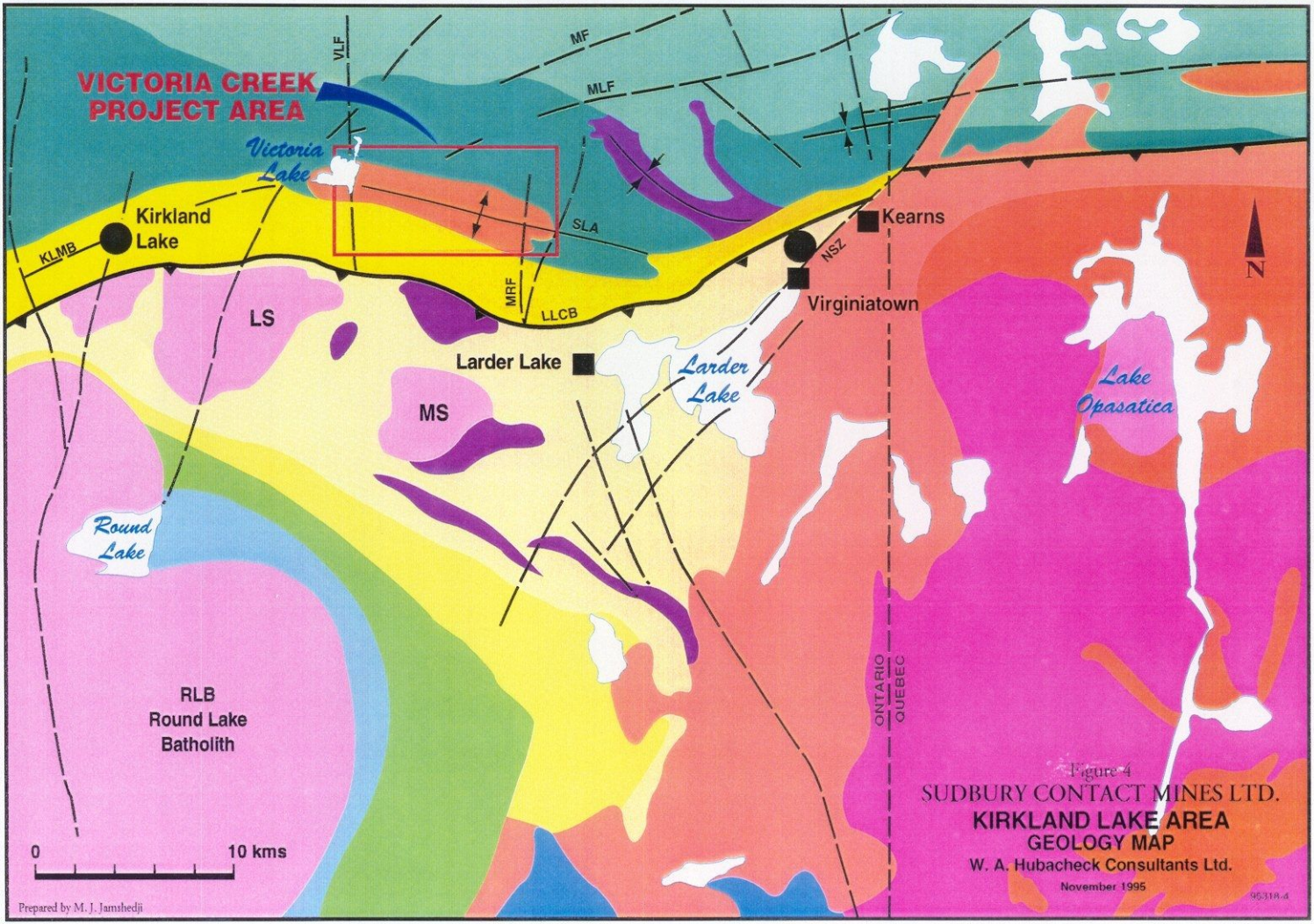
LOCATION AND ACCESS

The properties are located approximately 15 Km east of Kirkland Lake, in northwestern Gauthier Township, northeastern Lebel and south western Arnold townships. They are accessible via Hwy. 672 (Esker Lakes Park Road) and logging roads/trails leading east and west off Hwy. 672. Victoria Lake is situated in the northwestern section of the project area and Victoria Creek cuts through the properties from northwest to southeast (Figures 1, 2 and Figure 3).

PHYSIOGRAPHY AND CLIMATE

The most prominent landform in the project area is the Munro Esker Complex comprised of glaciofluvial and glaciolacustrine deposits covering the entire western portion of Gauthier Township. The esker axis is located on the east flank of Victoria Lake forming a broad ridge trending north/south with a steep west shoulder having elevation relief of 40 metres from lake level to the ridge line. The eastern flank of the esker drops gently in elevation from 350 metres to 320 metres along the Victoria Creek watershed. Outcrops of the Kinojevis volcanics are exposed primarily on the north side of Victoria Creek. The eastern flank of the esker complex is characterized by dune fields having a hummocky relief vegetated with jack pine and spruce.

The local climate is typical of northeastern Ontario and northwestern Quebec, having a continental climate with cold winters and short hot summers. The temperature peaks in July with an average of 24°C and an extreme value of 38.9°C recorded on June 31, 1988, with above 20°C temperatures running June to August. The low of the year is in January with an average of -23.6°C and an extreme low of -47°C achieved on January 17, 1982, with below 0°C weather running from November till April. There are 183 degree days below 0°C in a year and only 97 degree days above 18°C in a year. The area receives 875.7 mm of precipitation in a year, with 587.4 mm arriving as rainfall and 288.9 mm as snowfall. September is the wettest month receiving 97.5 mm of rain and 0.4 mm of snow and April being the driest month only receiving 32.2 mm of rain and 16.6 mm of snow.


VICTORIA CREEK
PROJECT AREA
Victoria Lake
Kirkland Lake
KLMB
VLF
MF
MLF
SLA
MRF
LLCB
NSZ
Kearns
Virginiatown
Larder Lake
Larder Lake
Lake Opasatica
LS
MS
Round Lake
RLB
Round Lake
Batholith
ONTARIO
QUEBEC
N
0
10 kms
Prepared by M. J. Jamshedji
Figure 4
SUDBURY CONTACT MINES LTD.
KIRKLAND LAKE AREA
GEOLOGY MAP
W. A. Hubacheck Consultants Ltd.
November 1995
95318.4

LEGEND

Figure 4

- Nipissing Diabase
- Huronian Sediments
- Ultramafic Sills
- Granitoids (Round Lake - RL, Misema Stock - MS, Lebel Stock - LS)
- Timiskaming Group, Cadillac Group
- Gauthier Group (Felsic Volcaniclastics)
- Blake River Group
- Kinojevis Group (Mafic Volcanic)
- Skead Group, Upper Deloro Unit
- Larder Lake Group (Mafic/Ultramafic Volcanics)
- Catherine Group
- Wabewawa Group/Pacaud Tuffs
- Pontiac Group (Sediments, Ultramafics & Granitoids)

LLCB	Larder Lake Cadillac Break
KLMB	Kirkland Lake Main Break
SLA	Spectacle Lake Anticline
MLF	Monocle Lake Fault
MF	Mulven Fault
MRF	Misema River Fault
VLF	Victoria Lake Fault
NSZ	Northeast Arm Shear Zone

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KIRKLAND LAKE AREA

GEOLOGY LEGEND

W. A. Hubacheck Consultants Ltd.

November 1995

95318-4

Prepared by M. J. Jamshedji

REGIONAL GEOLOGY

The Project lies within the southwestern part of the Abitibi Greenstone Belt. The Project area is dominated by the Archean Upper Super groups: Kinojevis, Temiskaming and Blake River (Figure 4).

The Kinojevis South Assemblage comprises iron-rich and magnesium-rich tholeiitic basalts, and minor andesite, dacite and rhyodacite flows and tuffs with associated thin interflow argillites and cherts. Felsic porphyritic intrusives are a minor constituent of this assemblage, along with sills and stocks of gabbroic and dioritic affinity.

The Blake River Assemblage comprises calc-alkalic basalts, andesite, dacite and rhyolite flows and tuffs, and minor related volcaniclastics. Sills and stocks of gabbroic and dioritic affinity are a minor but locally important constituent of this assemblage.

The Gauthier Assemblage comprises calc-alkalic andesitic to rhyolitic tuffs and related volcaniclastics. Graphitic, locally turbiditic sediments are locally abundant. Quartz-feldspar and feldspar intrusives are minor constituents.

The Temiskaming Assemblage comprises potassium-rich alkalic and calc-alkalic flows, pyroclastics and volcaniclastics, (mafic, intermediate, plus trachytic types and minor dacites and rhyolites), and related conglomerates, wackes and argillites.

Pyroclastic deposits are quite common and are likely related to the various volcanic phases. The Temiskaming Assemblage was localized within a graben between the Kinojevis/Blake River Assemblages located mainly to the north and the Larder Lake and Skead Assemblages to the south.

Eruptive and depositional litho-tectonic facies appear to be disconformable within these groups, with some localization of volcanics occurring along shears and fractures possibly related to rifting and graben formation. The Victoria Creek deposit is located within a zone of strong deformation which has developed at the transition between the Kinojevis and Gauthier Assemblages.

This active faulting along a probable rift margin was likely related to activity which produced or at least reactivated the Kirkland-Larder Lake Fault Zone.

The region is dominated by this "break" with the Temiskaming Assemblages lying immediately to the north or straddling the discontinuity. The other major structural feature in the region is the Blake River Synclinorium, with the area under discussion being located on it's south limb.

In most general terms, gold mineralization in the area and on a semi-regional scale occurs at or proximal to the Temiskaming-Larder Lake Assemblage boundaries/time stratigraphic datums.

DRILL HOLE SUMMARIES

Hole LG96-135

Location: Lac-Gauthier Option
L 5+00E, 1+50S (field grid)
8872.407E 9900.705N (mine grid)

Elevation: 320.62m
Claim: 821263
Azimuth: 184 Dip:-55
Length: 271m

Target: Deep Footwall Zone

Summary: The hole intersected the following stratigraphy:

0-37m	Overburden
37-209.5m	Intermediate lapilli/lapilli-bomb tuff; minor pyrite
209.5-240.8m	Felsic ash tuff; 2% pyrite locally
240.8-262.8m	Felsic lapilli tuff
262.8-271m	Felsic ash tuff
271m	End of hole due to broken rods/bit and sub remain in hole

Gold Results: The following gold zones were encountered in the hole:

Core Interval	Composite Gold Value	Core Length	Zone
235.5-238.5m	3.71 g Au/tonne	3.0m	Deep footwall

Hole C96-136

Location: Consolidated Thompson Lundmark Option
L 2+00E, 3+00S (field grid)
8566.091E 9765.770N (mine grid)
Elevation: 323.404m
Claim: 9352
Azimuth: 185 Dip:-61
Length: 261m

Target: Deep Footwall Zone

Summary: The hole intersected the following stratigraphy:

0-48m	Overburden
48-89.9m	Felsic lapilli tuff-bomb tuff; minor pyrite as lapilli
89.9-96.1m	Felsic ash tuff
96.1-100.4m	Felsic lapilli-ash tuff; pyritic lapilli
100.4-174.7m	Felsic ash tuff
174.7-196.2m	Felsic lapilli tuff; pyritic lapilli
196.2-208.3m	Felsic ash tuff
208.3-217.5m	Felsic lapilli-bomb tuff
217.5-261	Felsic lapilli-ash tuff

Hole C96-136 continued

261m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole L96-137

Location: Walhanna Option
10+10E, 1+50N (field grid)

Elevation: 311.671m
Claim: 37341 Azimuth: 175 Dip:-50
Length: 217.9m

Target: Main Horizon

Summary: The hole intersected the following stratigraphy:

0-17m	Overburden
17-217.9m	Diabase
217.9m	End of hole/hole abandoned due to squeezing ground/caving

Gold Results: No significant gold mineralization was intersected.

Hole L96-138

Location: Walhanna Option
L 11+00E, 0+75N (field grid)
Elevation: 311.643m
Claim: 37341
Azimuth: 170 Dip:-50
Length: 333.49m

Target: Main Horizon

Summary: The hole intersected the following stratigraphy:

0-9m	Overburden
9-41m	Diabase
41-86m	Intermediate ash tuff (possibly altered mafic volcanics)
86-126.6m	Intermediate to mafic ash tuff
126.6-137.6m	Felsic ash tuff with graphitic bands; 1-2% pyrite
137.6-156.9m	Felsic ash tuff; up to 1% pyrite
156.9-164.3m	Mafic flows
164.3-190.3m	Felsic ash tuff; 1-5% pyrite
190.3-207m	Mafic flows
207-213m	Felsic tuff/Graphite quartz carbonate; 1-2% pyrite

Hole L96-138 continued

213-217.6m	Mafic flows
217.6-222.8m	Intermediate lapilli tuffs
222.8-232.5m	Intermediate bomb-tuffs
232.5-333.49	Intermediate ash/crystal tuff
333.49	End of hole

Gold Results: The following gold zones were encountered in the hole:

Core Interval	Composite Gold Value	Core Length	Zone
173.5-185.3m	0.563 g Au/tonne	11.8m	4C?
285.0-286.3m	3.88 g Au/tonne	1.3m	3?

Hole L96-139

Location: Walhanna Option
L 12+00E, 1+90N (field grid)
9574.662E 10212.157N (mine grid)

Elevation: 309.781m
Claim: 37341
Azimuth: 175 Dip:-73
Length: 271m

Target: Main Horizon

Summary: The hole intersected the following stratigraphy:

0-6m	Overburden
6-71.9m	Mafic flow/diabase
71.9-254.5m	Mafic flows
254.5-255.4m	Fault Zone
255.4-262.3m	Felsic ash tuff/Massive pyrite bands
262.3-266.6m	Felsic ash tuff
266.6-319.6m	Felsic fragmental
319.6-342.7m	Graphite quartz carbonate/Graphitic turbiditic sediments; 1-4% pyrite
342.7-354.7m	Felsic fragmental; up to 5% pyrite as fragments
354.7-362.5m	Graphite quartz carbonate/Graphitic argillite
362.5-394.1m	Felsic tuff
394.1-413.5m	Graphite quartz carbonate/Felsic ash tuff; 1-7% pyrite
413.5-451.9m	Felsic tuff
451.9-513	Intermediate tuff
513m	End of hole

Gold Results: The following gold zones were encountered in the hole:

Core Interval	Composite Gold Value	Core Length	Zone
395.1-398m	2.82 g Au/tonne	2.9m	4C

Hole LG96-140

Location:	Lac-Gauthier Option L 20+00E, 1+00N (field grid) Elevation: 321.86m Claim: 821356/357 Azimuth: 180 Dip:-60 Length: 410.38m
Target:	Main horizon
Summary:	The hole intersected the following stratigraphy:

0-10m	Overburden
10-222m	Mafic flows
222.2-232.3m	Intermediate tuffs/Interflow sediments
232.3-288.8m	Mafic flows
288.8-320.1m	Graphite quartz carbonate/Felsic ash tuff; up to 2% pyrite
320.1-410.38m	Felsic tuff
410.38m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-141

Location:	Lac-Gauthier Option L 18+00E, 0+40N (field grid) Elevation: Claim: 821356/357 Azimuth: 182 Dip:-54 Length: 300m
Target:	Main horizon
Summary:	The hole intersected the following stratigraphy:

0-18m	Overburden
18-142m	Mafic flows
142-148.4m	Intermediate tuffs/Interflow sediments
148.4-209.7m	Mafic flows
209.7-223.2m	Graphite quartz carbonate/Felsic ash tuff; up to 2% pyrite
223.2-232.6m	Felsic tuff, cherty
232.6-236.8m	Graphite quartz carbonate/Felsic ash tuff;
236.8-266.8m	Felsic tuff; up to 2% pyrite
266.8-300m	Intermediate ash tuff
300m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-142

Location: Lac-Gauthier Option
L 22+00E, 0+00N (field grid)

Elevation:
Claim: 800274/275
Azimuth: 183 Dip:-55
Length: 304.19m

Target: Main horizon

Summary: The hole intersected the following stratigraphy:

0-35.61m	Overburden
18-128m	Mafic flows
128-169.8m	Intermediate tuffs/Interflow sediments
169.8-194.7m	Mafic flows
194.7-252.4m	Felsic ash tuff/Graphite quartz carbonate/; up to 2% pyrite
252.4-280.3m	Felsic lapilli tuff
280.3-304.19m	Intermediate lapilli tuff
304.19	End of hole

Gold Results: The following intervals were intersected:

Core Interval	Composite Gold Value	Core Length	Zone
237.1-240.2m	0.329 g Au/tonne	3.1m	4C

Hole LG96-143

Location: Lac-Gauthier Option
L 22+00E, 3+50S (field grid)

Elevation:
Claim: 800275/276
Azimuth: 182 Dip:-55
Length: 331.62m

Target: I.P.#5

Summary: The hole intersected the following stratigraphy:

0-56m	Overburden
56-69.6m	Felsic tuff; sericitized, iron carbonatized
69.6-77m	Graphitic argillite
77-92.4m	Felsic tuff; sericitized, iron carbonatized
92.4-222.2m	Felsic fragmental; sericitic
222.2-234.8m	Graphitic argillite/Felsic fragmental
234.8-247m	Felsic fragmental/Graphitic argillite
247-303.7m	Felsic fragmental; sericitic
303.7-313.3m	Graphitic argillite; up to 2% pyrite
313.3-324.8	Felsic fragmental/Graphitic argillite

Hole LG96-143 continued

324.8-331.62	Graphitic argillite
331.62	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-144

Location: Lac-Gauthier Option
L 22+00E, 5+50S (field grid)

Elevation:
Claim: 800276
Azimuth: 185 Dip:-55
Length: 292m

Target: I.P. #5

Summary: The hole intersected the following stratigraphy:

0-4.0m	Overburden
4.0-44.1m	Felsic fragmental; sericitized
44.1-67.7m	Graphitic argillite/Lithic wacke
67.7-81.1m	Felsic fragmental
81.1-124.8m	Graphitic argillite/Lithic wacke
124.8-148.5m	Felsic fragmental;sericitized
148.5-171.9m	Lithic wacke/Felsic fragmental
171.9-190.3m	Graphitic argillite/Lithic wacke
190.3-227.2m	Quartz-feldspar porphyry
227.2-241.3m	Graphitic argillite/Felsic fragmental/
241.3-244m	Fault Zone
244-253.8m	Graphitic argillite
253.8-292m	Felsic lapilli bomb tuff
292m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-145

Location: Lac-Gauthier Option
L 26+25E, 3+50S (field grid)

Elevation:
Claim: 800269/270
Azimuth: 180 Dip:-50
Length: 349.91m

Target: Main Horizon

Summary: The hole intersected the following stratigraphy:

Hole LG96-145 continued

0-57.6m	Overburden
57.6-87.2m	Mafic flows
87.2-100.2m	Felsic tuff/Turbiditic sediments
100.2-115.3m	Felsic tuff
115.3-155.1m	Felsic tuff/Graphitic turbiditic sediments
155.1-156.1m	Fault Zone
156.1-181.3m	Felsic fragmental
181.3-199m	Intercalated felsic fragmentals/Graphitic sediments
199-210.5m	Felsic tuff/Graphitic sediments
210.5-215.7m	Felsic fragmental
215.7-225.1m	Felsic tuff/Graphitic sediments
225.1-232.5m	Felsic fragmental
232.5-235.1m	Felsic ash tuff/Graphitic argillite
235.1-304.2m	Felsic fragmental with minor felsic ash tuff; 0.2m band massive pyrite
304.2-323.4m	Graphitic sediments
323.4-349.91m	Felsic fragmentals
349.91m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-146

Location: Lac-Gauthier Option
L 40+00E, 1+50S (field grid)

Elevation:
Claim: 800257
Azimuth: 180 Dip:-50
Length: 285.9m

Target: Mag low/resistivity low

Summary: The hole intersected the following stratigraphy:

0-10m	Overburden
10-85m	Mafic flows
85-91.1m	Intermediate tuff
91.1-285.9m	Mafic flows
285.9m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole C96-147

Location: Consolidated Thompson Lundmark Victoria Lake Option
L 16+00E, 20+50S (field grid)

Elevation:
Claim: 599075
Azimuth: 180 Dip:-60
Length: 282m

Target: I.P # 11

Summary: The hole intersected the following stratigraphy:

0-27.6m	Overburden
27.6-94.55m	Intermediate to mafic lapilli tuffs
94.55-227.58m	Intermediate to mafic ash tuffs/wacke; minor pyrite
227.58-282m	Sericitized, carbonatized tuffs/ sediments
282m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole C96-148

Location: Consolidated Thompson Lundmark Victoria Lake Option
L 16+00E, 21+25S (field grid)

Elevation:
Claim: 599075
Azimuth: 180 Dip:-55
Length: 198m

Target: I.P # 11

Summary: The hole intersected the following stratigraphy:

0-21.5m	Overburden
21.5-59.3m	Intermediate to mafic lapilli tuffs; up to 3% pyrite
59.3-118m	Intermediate to mafic ash tuffs/wacke: up to 3% pyrite
118-198m	Sericitized, carbonatized tuffs/sediments
198m	End of hole

Gold Results: No significant gold mineralization was intersected.

Hole LG96-149

Location: Lac-Gauthier Option
L 6+00E, 1+00S (field grid)

Elevation: 321.517m
Claim: 821262/821263

Azimuth: 180 Dip:-55
Length: 361m

Target: Deep Footwall Zone
Summary: The hole intersected the following stratigraphy:

0-47m	Overburden
47-233.5m	Intermediate lapilli/lapilli-bomb tuff; minor pyrite
233.5-235m	Fault Zone
235-246.6m	Intermediate ash tuff
246.6-271.4m	Intermediate to Felsic ash tuff;strong iron carbonate-sericite alteration
271.4-297.1m	Felsic to Intermediate tuff; cherty sections
297.1-312.6m	Felsic lapilli tuff
312.6-343.5m	Felsic tuff/laminated turbiditic sediments
343.5-361m	Felsic lapilli tuff
361m	End of hole

Gold Results: The following gold zones were encountered in the hole:

Core Interval	Composite Gold Value	Core Length	Zone
250.8-252.3m	1.53 g Au/tonne	1.5m	Deep footwall

Hole L96-151

Location: Walhanna Option
L 9+00E, 1+25S (field grid)

Elevation: 312.521m
Claim: 37259
Azimuth: 180 Dip:-55
Length: 270.66m

Target: Main Horizon

Summary: The hole intersected the following stratigraphy:

0-49m	Overburden
49-61.9m	Intermediate to felsic tuff
61.9-81.3m	Graphite quartz carbonate/Fault Zone
81.3-151.8m	Intermediate ash tuff
151.8-181.5m	Graphite quartz carbonate/Felsic ash tuff; up to 4% pyrite
181.5-192.2m	Felsic tuff; cherty sections
192.2-208.2m	Felsic tuff/Graphite quartz carbonate
208.2-218.1m	Felsic lapilli bomb tuff
218.1-235.3m	Felsic tuff
235.3-270.66m	Intermediate tuff
270.66m	End of hole

Gold Results: The following gold zones were encountered in the hole:

Core Interval	Composite Gold Value	Core Length	Zone
167-170.1m	1.54 g Au/tonne	3.1m	4A
191.4-194.5m	4.81 g Au/tonne	3.1m	4C
includes 192.2-194.5m	6.48 g Au/tonne	2.3m	

CONCLUSIONS

Drilling results in the line 12E area indicate potential for discrete zones of gold mineralization within fine ash/sediment units toward the lower felsic-intermediate contact.

Some potential for discrete zones of gold mineralization may exist in the Deep Footwall area.

Drilling results from the remaining areas was negative.

RECOMMENDATIONS

Deep Footwall

No further work is recommended at this time, however this area remains of interest. Some consideration should be given to extending one or two underground drill holes to intersect this horizon at greater depths

12E Area

Further drilling is recommended in this area.

22E Area

No further drilling is recommended for this area.

Timiskaming

Additional geophysics is needed south of the current survey area between lines 10+00W and 20+00W.

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CERTIFICATE

I, David R. Jamieson, of the City of Peterborough, in the Province of Ontario, Canada, do hereby certify that:

(1) I am an Exploration Geologist, residing at 2004 Manice Ave., R.R. #8, Peterborough, Ontario contracted to W.A. Hubacheck Consultants Ltd., 141 Adelaide St. West, Suite 1401 Toronto, Ontario.

(2) I am a graduate of the University of Waterloo and received my Bachelor of Science degree in Honours Science in 1984, and have been practising my profession as an Exploration Geologist continuously since graduation.

(3) I am member of The Prospector and Developers Association of Canada, The Canadian Institute of Mining and Metallurgy-Kirkland Lake Branch, and the Association of Geoscientists of Ontario.

(4) This report is based on personal examination of the properties between January 1993, and December 1996.

(5) I have no personal interest in the properties of Sudbury Contact.

Dated in Toronto, Ontario
this 15th day of June 1997

David R. Jamieson, B.Sc.

MAP POCKET

DIAMOND DRILL HOLE SECTIONS
DIAMOND DRILL HOLE PLAN MAP

ASSESSMENT REPORT

BASED ON

1996 RECONNAISSANCE DIAMOND DRILLING

VICTORIA CREEK PROJECT

LARDER LAKE MINING DIVISION

GAUTHIER TOWNSHIP, ONTARIO

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE

****

PREPARED BY

W.A. HUBACHECK CONSULTANTS LTD.

FOR

SUDBURY CONTACT MINES LTD.

VOLUME 2

APPENDIX A - PROJECT EXPENSE STATEMENT

APPENDIX B - DIAMOND DRILL LOGS

APPENDIX C - GOLD ANALYTICAL RESULTS

Projects 191, 202, 207

FILE: SC\VICT\VCASS96 D.R. JAMIESON

JUNE 15, 1997

W. A. HUBACHECK CONSULTANTS LTD.

32D04NW2006 2.18546 GAUTHIER 020

APPENDIX A - CERTIFICATE OF EXPENDITURES

SUDBURY CONTACT MINES LTD.
1996 RECONNAISSANCE DIAMOND DRILLING PROGRAM
VICTORIA CREEK PROJECT
GAUTHIER TOWNSHIP
LARDER LAKE MINING DIVISION

CERTIFICATE OF EXPENDITURES

Senior Geologist	$ 1825.00
Project Geologist	$ 2660.00
Contract Geologist	$ 21600.00
Technician	$ 12558.00
Core Splitter	$ 5000.00
Consultant's Fee	$ 33754.57
Diamond Drill Contractor	$ 242280.00
Assaying	$ 13262.00
Core shack/Core saw repairs	$ 4958.02
Truck/ATV Rental	$ 3410.10
Drill Site Preparation	$ 7439.04
Drill Collar Surveying	$ 4250.00
Accommodation/Meals	$ 5500.00
Field Expenses/Supplies	$ 2003.20
Shipping	$ 927.70
Field Office/Core Shack Rental	$ 3302.42
Report Preparation	$ 2500.00
Computer Time/Plotting Time	$ 2500.00
Mobilization	$ 1570.19
Total:	**$ 371300.24**

Total Drilling: 4982.11 meters
Total Cost/Meter: $ 74.53

APPENDIX B - DIAMOND DRILL LOGS

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 6, 1996	TWP/LAT.LONG.	Gauthier	DATE LOGGED	June 7-9/96
COMPLETED	June 8, 996	CLAIM	821263	LOGGED BY	D. Jamieson
OBJECTIVE	Deep Footwall Zone	CO-ORD	5+00E, 1+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
50	63	186
75	62	–
100	62	184
150	62	184

HOLE NO. LG96-135	PAGE 1/10
COLLAR AZIMUTH	184
COLLAR DIP	-61
ELEVATION	320.62
LENGTH	271

8872.407E/9900.705N

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	37			OVB	Casing.										
37	209.5			3B, lt-lbt	INTERMEDIATE LAPILLI - BOMB/LAPILLI TUFF strongly deformed, grey-green	40001	37	39	2.0	0.5	7				
					to locally beige with local sections of quartz-carbonate veining and yellow sericite	40002	39	40.5	1.5	0.5	7				
					alteration; local S-C structures, well developed pentrative yellow sericite S_2 at	40003	40.5	42	1.5	0.5	<5				
					high angles to CA and foldnoses indicate zones of more intense deformation; weak	40004	42	43.5	1.5	0.5	9				
					calcite and dolomitic carbonatization; minor local pyrite.	40005	43.5	45	1.5	0.5	6				
					37-39 1 metre lost core.	40006	45	46.5	1.5	0.5	6				
		99	90		37-52 Folded lapilli bomb tuff, chloritic.	40007	46.5	48	1.5	0.5	<5				
					41.8 S_1 = 45° to CA; 42.3 S_2 = 80° to CA; 50.8 S_1 = 45° to CA	40008	48	49.5	1.5	0.5	<5				
		100	85		52-64.3 Increase in silica-iron carbonate-sericite (beige) alteration; minor patches	40009	49.5	51.5	1.5	1.0	<5				
					of disseminated pyrite, local strongly developed yellow-brown sericite penetrative	40010	51.5	52.0	1.0	0.5	15				
					S_2 foliation, 55-65° to CA.	40011	52.0	53.0	1.0	0.5	9				
		100	85		64.3-69.9 Chloritic lapilli tuff; S_1 = 50° to CA.	40012	53.0	54.0	1.0	0.5	7				
		97	80		69.9-82.0 Moderate iron carbonate yellow sericite alteration with local	40013	54.0	55.5	1.5	0.5	<5				
					silicification 20-30% milky white quartz-calcite-chlorite veining sub-parallel to	40014	55.5	57.0	1.5	0.5	8				
					S_1 (50° to CA locally folded) minor patchy disseminated pyrite in vein selvages,	40015	57.0	58.5	1.5	1.0	<5				
					local S_2 @ 75° to CA.	40016	58.5	60.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-135 PAGE 2/10
PROPERTY	DISTRICT	CONTRACTOR	175	61		COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	200	58	182	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	250	59	181	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
					81.3-82 Brecciated quartz-calcite vein with very thin chlorite-sericite + pyrite	40017	60.0	61.5	1.5	1.0	18				
					stringers.	40018	61.5	63.0	1.5	1.0	60				
		99	85		82.0-130.0 Chloritic lapilli tuff; sections of strong deformation (open to tight	40019	63.0	64.3	1.3	0.5	20				
					folding, well developed yellow sericite pentrative S_2 foliation at 80° to CA); minor	40020	64.3	66.0	1.7	0.5	40				
					quartz-calcite layers (folded) locally; generally non-mineralized; calcite increases	40021	66.0	67.5	1.5	0.5	24				
					downhole.	40022	67.5	69.0	1.5	0.5	16				
					85 S_1 = 45° to CA; 89 S_1 = 0° to CA; 96.2 S_2 = 75° to CA; 101 S_2 = 80°	40023	69.0	69.9	0.9	0.5	5				
					to CA; 110 S_1 = 60° to CA; 114.2 S_2 = 80° to CA; 120.5 S_1 = 50° to CA;	40024	69.9	71.4	1.5	0.5	68				
					126 S_1 = 35° to CA; 129.5 S_1 = 45° to CA.	40025	71.4	72.0	0.6	0.5	6				
		99	85		130.0-138 Weak to moderate iron carbonate-sericite alteration; sections of broken	40026	72.0	73.5	1.5	0.5	7				
					core/fault gouge parallel to S_1 @ 60° to CA ; minor pyrite; 0.1m clay fault gouge	40027	73.5	75.0	1.5	0.5	11				
					at 134.5 @ 45° to CA.	40028	75.0	76.5	1.5	0.5	46				
		99	80		138-153.8 Lapilli to ash tuff; chloritic bedded/foliated at low angles to CA;	40029	76.5	78.0	1.5	1.0	181				
					relatively undeformed and non-mineralized.	40030	78.0	79.5	1.5	1.0	47				
					139 S_1 = 45° to CA; 144.5 S_1 = 30° to CA; 148 S_1 = 0° to CA;	40031	79.5	81.0	1.5	0.5	202				
					152 Open folding local crenulations.	40032	81.0	82.0	1.0	1.0	522	0.65			
		90	60		153.8-162 10-15% milky white quartz-carbonate-chloritic veins in chloritic deformed	40033	82.0	84.0	2.0	0.5	11				
					lapilli bomb tuff; minor yellow sericite.	40034	84.0	85.5	1.5	0.5	35				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-135 PAGE 3/10

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
					161.3-162.0 Lost core.	40035	85.5	87.0	1.5	0.5	39				
					156.5 S_2 = 75° to CA.	40036	87.0	88.5	1.5	0.5	<5				
		100	90		162-193.5 Chloritic lapilli bomb tuff, local folding with well developed S_2	40037	88.5	90.0	1.5	1.0	25				
					minor milky quartz-carbonate veining; very weak pervasive calcium carbonatization;	40038	90.0	91.5	1.5	0.5	19				
					increasing iron carbonate downhole.	40039	91.5	93.0	1.5	1.0	94				
					168 S_2 = 75° to CA.	40040	93.0	94.5	1.5	1.0	2030	1.95			
					171.8 Chalcopyrite bleb in late quartz-caclcite vein; S_1/S_2 = 60° to CA.	40041	94.5	96.0	1.5	0.5	126				
					173.8 S_1/S_2 = 55° to CA.	40042	96.0	97.5	1.5	0.5	47				
					176 S_2 = 60° to CA.	40043	97.5	99.0	1.5	0.5	6				
					180 S_1 = 50° to CA.	40044	99.0	100.5	1.5	0.5	19				
					182.25-182.6 Grey-white quartz-carbonate vein with 1% fine grained disseminated	40045	100.5	102.0	1.5	1.0	285				
					pyrite.	40046	102.0	103.5	1.5	0.5	27				
					182.6-193.5 Increase in deformation as tight folds and local strong S_2; 10% quartz	40047	103.5	105.0	1.5	0.5	11				
					-carbonate veins (milky white); S_2 = 70-80° to CA.	40048	105.0	106.5	1.5	0.5	8				
					189-190 Chlorite selvages on Vqc's.	40049	106.5	108.0	1.5	0.5	8				
					191.2 S_2 = 90° to CA	40050	108.0	109.5	1.5	0.5	21				
		100	90		193.5-201.7 Moderate to strong yellow sericite iron carbonate alteration with local	40051	109.5	111.0	1.5	0.5	13				
					silicification; 10% late quartz-carbonate veins with chloritic selvages and patchy	40052	111.0	112.5	1.5	0.5	12				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORDINATES	DDH COM			

HOLE NO. LG96-135 PAGE 4/10
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
					disseminated pyrite moderately deformed; chalcopyrite bleb at 196.5; folded cherty	40053	112.5	114.0	1.5	0.5	32				
					layers (beige quartz-dolomite bands) common toward lower contact; 1% pyrite	40054	114.0	115.5	1.5	0.5	<5				
					overall.	40055	115.5	117.0	1.5	0.5	8				
					194 S_1/S_2 = 60° to CA.	40056	117.0	118.5	1.5	0.5	8				
					196.2-197 Pyritic chlorite selvages on quartz-carbonate veining.	40057	118.5	120.0	1.5	0.5	<5				
					199 S_2 = 75° to CA.	40058	120.0	121.5	1.5	0.5	23				
					201.7-209.5 Interlayered cherty and chloritic bands, locally folded; bands of	40059	121.5	123.0	1.5	0.5	8				
					intense iron carbonate sericite alteration; 20% quartz-carbonate veining; local	40060	123.0	124.5	1.5	0.5	<5				
					narrow chloritic fault gouge at high angles to CA; minor Fg disseminated pyrite in	40061	124.5	126.0	1.5	0.5	9				
					sericitic vein selvages.	40062	126.0	127.5	1.5	0.5	12				
					202.0 S_2 = 80° to CA; 206.0 S_2 = 80° to CA.	40063	127.5	129.0	1.5	0.5	7				
						40064	129.0	130.0	1.0	0.5	225				
						40065	130.0	132.0	2.0	0.5	353				
						40066	132.0	133.5	1.5	0.5	<5				
						40067	133.5	135.0	1.5	0.5	34				
						40068	135.0	136.5	1.5	0.5	9				
						40069	136.5	138.0	1.5	0.5	<5				
						40070	138.0	139.5	1.5	0.5	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-135 PAGE 5/10

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb	Au gpt			
						40071	139.5	141.0	1.5	0.5	<5				
						40072	141.0	142.5	1.5	0.5	8				
						40073	142.5	144.0	1.5	0.5	6				
						40074	144.0	145.5	1.5	0.5	<5				
						40075	145.5	147.0	1.5	0.5	<5				
						40076	147.0	148.5	1.5	0.5	<5				
						40077	148.5	150.0	1.5	0.5	<5				
						40078	150.0	151.5	1.5	0.5	<5				
						40079	151.5	153.0	1.5	0.5	<5				
						40080	153.0	153.8	0.8	0.5	<5				
						40081	153.8	154.5	0.7	0.5	<5				
						40082	154.5	156.0	1.5	0.5	<5				
						40083	156.0	157.5	1.5	0.5	11				
						40084	157.5	159.0	1.5	1.0	27				
						40085	159.0	160.5	1.5	0.5	17				
						40086	160.5	162.0	1.5	0.5	<5				
						40087	162.0	163.5	1.5	0.5	<5				
						40088	163.5	165.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-135 PAGE 6/10

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb	Au gpt			
						40089	165.0	166.5	1.5	0.5	<5				
						40090	166.5	168.0	1.5	0.5	<5				
						40091	168.0	169.5	1.5	0.5	<5				
						40092	169.5	171.0	1.5	0.5	87				
						40093	171.0	172.5	1.5	0.5	<5				
						40094	172.5	174.0	1.5	0.5	<5				
						40095	174.0	175.5	1.5	0.5	9				
						40096	175.5	177.0	1.5	0.5	<5				
						40097	177.0	178.5	1.5	0.5	<5				
						40098	178.5	180.0	1.5	0.5	<5				
						40099	180.0	181.5	1.5	0.5	<5				
						40100	181.5	183.0	1.5	1.0	1301	1.23			
						40101	183.0	184.5	1.5	0.5	<5				
						40102	184.5	186.0	1.5	0.5	<5				
						40103	186.0	187.5	1.5	0.5	<5				
						40104	187.5	189.0	1.5	0.5	<5				
						40105	189.0	190.5	1.5	0.5	22				
						40106	190.5	192.0	1.5	0.5	8				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-135 PAGE 7/10

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
						40107	192.0	193.5	1.5	0.5	<5				
						40108	193.5	195.0	1.5	0.5	<5				
						40109	195.0	196.2	1.2	0.5	26				
						40110	196.2	198.0	1.8	1.0	53				
						40111	198.0	199.5	1.5	0.5	<5				
						40112	199.5	201.0	1.5	0.5	12				
						40113	201.0	201.7	0.7	0.5	10				
						40114	201.7	202.5	0.8	0.5	7				
						40115	202.5	204.0	1.5	0.5	16				
						40116	204.0	205.5	1.5	0.5	<5				
						40117	205.5	207.0	1.5	1.0	18				
						40118	207.0	208.5	1.5	1.0	52				
						40119	208.5	209.5	1.0	0.5	65				
209.5	240.8			4B, t	FELSIC ASH TUFF - gradational contact with previous unit; upper portion of unit is	40120	209.5	210.0	0.5	0.5	<5				
					characterized by intense iron carbonate-sericite alteration and strong deformation,	40121	210.0	211.5	1.5	0.5	<5				
					giving the core a yellowish beige colour; strongly developed yellow brown sericite	40122	211.5	213.0	1.5	2.0	<5				
					penetrative S_2 foliation at moderate to high angles to CA. A 1.5 metre section of	40123	213.0	214.5	1.5	1.0	28				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-135 PAGE 8/10
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
					fault gouge/breccia separates this intense iron carbonate-sericite alteration from	40124	214.5	216.0	1.5	0.5	<5				
					less altered and deformed cherty felsic ash tuff in the lower portion of the unit;	40125	216.0	217.5	1.5	0.5	<5				
					minor pyrite mineralization forms an indistinct halo a few metres on either side of	40126	217.5	219.0	1.5	0.5	<5				
					the fault.	40127	219.0	220.5	1.5	0.5	<5				
		99	85		209.5-230.6 Intense iron carbonate-sericite alteration; strongly deformed; minor	40128	220.5	222.0	1.5	0.5	5				
					chloritic selvages and chloritic tuff sections; 5% late milky white quartz-carbonate	40129	222.0	223.5	1.5	0.5	26				
					veining.	40130	223.5	225.0	1.5	0.5	<5				
					210 S_2 = 85° to CA.	40131	225.0	226.5	1.5	0.5	<5				
					211.5-213.2 2% Mg disseminated pyrite in iron carbonate-sericite schist, quartz-	40132	226.5	228.0	1.5	1.0	<5				
					carbonate veining and selvages.	40133	228.0	229.5	1.5	1.0	<5				
					215.5 S_2 = 75° to CA.	40134	229.5	230.6	1.1	2.0	7				
					219.0 S_1 = 60° to CA; 222.0 S_1 = 45° to CA.	40135	230.6	232.5	1.9	0.5	263				
					227-230.6 1-2% Fg to Cg disseminated pyrite in iron carbonate-sericite schist,	40136	232.5	234.0	1.5	0.5	12				
					quartz-carbonate veining and selvages.	40137	234.0	235.5	1.5	1.0	<5				
		98	50		230.6-232.5 Fault gouge/breccia 60° to CA; 40% milky white quartz vein material;	40138	235.5	237.0	1.5	1.0	393				
					trace pyrite.	40139	237.0	238.5	1.5	1.0	6286	7.03			
		99	85		232.5-240.8 Cherty tuff; moderate to strongly deformed grey to beige; minor local	40140	238.5	240.0	1.5	0.5	70				
					pyritic silification; S_2 = 80° to CA, trace chalcopyrite, minor grey quartz-calcite	40141	240.0	240.8	0.8	1.0	242				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-135 PAGE 9/10
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					veinlets with 1% Mg brassy pyrite.										
340.8	262.8	100	90	4B, lt	FELSIC LAPILLI TUFF - grey to beige relatively undeformed and unaltered; lower	40142	240.8	241.5	0.7	0.5	36				
					portion of unit becomes progressively sericitized and deformed toward lower contact;	40143	241.5	243.0	1.5	0.5	21				
					sections of fine black pyritic lapilli common throughout unit; dominantly dolomitic	40144	243.0	244.5	1.5	0.5	9				
					carbonatization; 1% pyrite throughout in lapilli.	40145	244.5	246.0	1.5	0.5	10				
					244 S_1 = 45° to CA.	40146	246.0	247.5	1.5	0.5	10				
					247.8 Minor fault gouge 80° to CA.	40147	247.5	248.9	1.4	0.5	9				
					250.5 S_1 = 55° to CA.	40148	248.9	250.5	1.6	1.0	7				
					255 S_2 = 75° to CA.	40149	250.5	252.0	1.5	0.5	<5				
					258.5-262.8 Increased iron carbonate-sericite alteration.	40150	252.0	253.5	1.5	0.5	5				
					259.5 S_2 = 80° to CA.	40151	253.5	255.0	1.5	1.0	13				
					262 S_1 = 55° to CA.	40152	255.0	256.5	1.5	0.5	15				
						40153	256.5	258.0	1.5	0.5	12				
						40154	258.0	259.5	1.5	0.5	<5				
						40155	259.5	261.0	1.5	0.5	10				
						40156	261.0	262.8	1.8	0.5	7				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORDINATES	DDH COM			

HOLE NO. LG96-135 PAGE 10/10
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
262.8	271	97	60	4B, t	FELSIC ASH TUFF - dark grey to beige, local strong deformation, 5-10% milky	40157	262.8	264.0	1.2	0.5	13				
					white quartz veins with minor pyrite; broken rubbly core toward bottom of hole.	40158	264.0	265.5	1.5	0.5	47				
					261.3 5% pyrite along 60° S_1 foliation.	40159	265.5	267.0	1.5	1.0	18				
					263.5-263.7 Graphitic-pyritic laminated tuff.	40160	267.0	268.5	1.5	1.0	1291	1.27			
					267.6 Pyritic grey sericite quartz vein selvages.	40161	268.5	270.0	1.5	1.0	249				
						40162	270.0	271.0	1.0	0.5	647	0.65			
	271.0			E.O.H.	HOLE LOST DUE TO STUCK RODS; BIT AND SUB LEFT IN HOLE.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	CTL	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 8, 1996	TWP/LAT.LONG.	Gauthier	DATE LOGGED	June 10-12/96
COMPLETED	June 10, 1996	CLAIM	9352	LOGGED BY	D. Jamieson
OBJECTIVE	Deep Footwall	CO-ORDINATES	2+00E, 3+00S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
54m	62	186
75		
100		
150	62	180

HOLE NO. C96-136	PAGE 1/6
COLLAR AZIMUTH	185
COLLAR DIP	-61
ELEVATION	323.404
LENGTH	261

8566.091E, 9765.770N

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	48			OVB	Casing.										
48	89.9	98	90	4B, lt	FELSIC LAPILLI TUFF - yellow-beige, moderately deformed; strong iron carbonate										
					-sericite alteration; quartz and quartz-pyrite lapilli comprise up to 30% of core										
					volume and some local strain as stretching parallel to S_1 and folding about S_2										
					foliations; local bomb size fragments of grey crystal tuff? with minor stretched										
					soft green mineral (serpentine?).										
					49 S_2 = 90° to CA.	40163	49.5	51.5	2.0	1.0	14				
					52.5 S_2 = 90° to CA.	40164	54.0	55.5	1.5	1.0	6				
					53-54.3 Large crystal tuff fragment?	40165	55.5	57.0	1.5	1.0	9				
					57 S_1 = 40° to CA.	40166	57.0	58.5	1.5	2.0	20				
					63 S_1 = 35° to CA; weak S_2 = 85° to CA.	40167	58.5	60.1	1.5	2.0	15				
					69 S_1 = 25° to CA; S_2 = 85° to CA.	40168	66.0	68.0	2.0	2.0	12				
					73.5 S_1 = 10° to CA.	40169	68.0	70.0	2.0	2.0	16				
					76.5 S_1 = 40° to CA.	40170	73.0	75.0	2.0	2.0	22				
					80 S_1 = 35° to CA.	40171	78.0	79.5	1.5	1.0	21				
					84-87 40% milky white quartz veining/minor fault gouge; S_1 = 50° to CA.	40172	85.5	87	1.5	0.5	6				
					89 S_1 = 0° to CA (open folding).										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	62	
200	60	179
250	59	177

HOLE NO. C96-136 PAGE 2/6

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
89.9	96.1	100	90	4B, lt	FELSIC ASH TUFF - yellow-beige moderately deformed fine lapilli ash tuff;										
					stretched fine grain grey semi-soft mineral (quartz-serpentine) open folding and	40173	91.5	93.0	1.5	0.5	<5				
					weak crenulatio of sericitic banding. Strong iron carbonate-sericite alteration;										
					non-mineralized.										
					91.1 S_1 = 60° to CA; S_2 = 70° to CA.										
					94.5 S_1 = 45° to CA.										
96.1	100.4	100	95	4B, lt	FELSIC LAPILLI TUFF - yellow-beige fine lapilli; moderately deformed; strong iron	40174	97.5	99.0	1.5	1.0	54				
					carbonate-sericite alteration S_1 = 45° to CA. S_2 = 80° to CA pyritic lapilli common;	40175	99.0	100.4	1.4	1.0	25				
					gradational upper & lower contacts.										
100.4	174.7			4B, t	FELSIC ASH TUFF - yellow-beige folded ash tuff with local fine lapilli rich sections;	40176	100.4	102.0	1.6	0.5	38				
					locally well developed S_2 penetrative foliation; strong iron carbonate-sericite	40177	102.0	103.5	1.5	0.5	6				
					alteration; minor sections of milky white quartz-carbonate veining.	40178	108.0	109.5	1.5	1.0	23				
		100	85		100.4-103.5 30% milky white quartz veining tends to be sub-parallel to folded	40179	112.5	114.0	1.5	0.5	<5				
					S_1; minor pyritic lapilli.	40180	123.0	124.5	1.5	0.5	<5				
					103.5-125 Possible large fold hinge with S_1 generally sub-parallel to CA, with S_2	40181	129.0	130.5	1.5	0.5	<5				
					generally present as a weak crenulation or very weak penetrative foliation.	40182	135.0	136.5	1.5	0.5	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C96-136 PAGE 3/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					125-156 Incipient development of S+C structures with well developed, spaced	40183	145.5	147.0	1.5	0.5	46				
					penetrative S_2 foliation, very minor, weakly chloritic "patches" may indicate original										
					rock type.	40184	152.6	154.2	1.6	0.5	<5				
					127 S_2 = 85° to CA.	40185	154.2	156.0	1.8	1.0	<5				
					130 S_2 = 70° to CA.	40186	156.0	157.5	1.5	0.5	<5				
					135 S_2 = 50° to CA (weak).										
					139.4 S_2 = 75° to CA.	40187	163.5	165.0	1.56	0.5	6				
					142.5 S_2 = 85° to CA.										
					145.5 S_2 = 75° to CA.	40188	172.5	174.0	1.5	0.5	<5				
					153 S_1 = 70° to CA.	40189	174.0	174.7	0.7	0.5	6				
					154.4-156 Milky white quartz veining and silicification; possible development of										
					mariposite or fuchsite along foliationg planes at 154.6, speck chalcopyrite vein at										
					154.7, minor pyrite; local broken core, very minor fault gouge.										
					156-174.7 S_2 foliation present, but less well developed than previous section.										
					159 S_1 = 20° to CA.										
					163.5 S_2 = 75° to CA.										
					170.5 S_1 = 55° to CA.										
					174.5 S_1 = 50° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C96-136 PAGE 4/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					174.1-174.7 Milky white quartz vein sub-parallel to S_1.										
174.7	196.2			4B, lt	FELSIC LAPILLI TUFF - yellow-beige, well developed S_1 foliation, locally	40190	174.7	177.0	2.3	1.0	<5				
					strongly folded S_2 developed locally; strong iron carbonate-sericite alteration;	40191	177.0	178.5	1.5	1.0	<5				
					quartz and quartz-pyrite are dominant lapilli types.	40192	178.5	180.0	1.5	1.0	7				
		100	90		174.7-178.1 10% pyritic lapilli, S_1 = 50° to CA.	40193	180.0	180.6	0.6	0.5	<5				
		98	10		178.1-178.5 Fault gouge/broken core.	40194	180.6	182.2	1.2	1.0	<5				
		100	85		178.5-180.6 Local tight folding with silicified layers 180.4-180.6.	40195	182.2	183.3	1.1	0.5	<5				
		100	75		180.6-196.2 Less deformed, well developed S_1 foliation 60° to CA; fault gouge	40196	183.3	184.5	1.2	1.0	<5				
					65° to CA @ 193.9	40197	184.5	186.0	1.5	1.0	<5				
						40198	186.0	187.5	1.5	1.0	<5				
						40199	193.5	195.0	1.5	1.0	<5				
						40200	195.0	196.2	1.2	0.5	<5				
196.2	208.3	99	80	4B, t	FELSIC ASH TUFF - yellow-beige, moderately deformed, strong iron carbonate-	40201	196.2	198.0	1.8	0.5	<5				
					sericite alteration, with thicker bands of massive yellow brown sericite than previous										
					units. 10-20% milky white quartz-carbonate veins with traces of pyrite; veins sub-	40202	202.5	204.0	1.5	0.5	<5				
					parallel to S_1 and are locally folded.	40203	204.0	205.5	1.5	0.5	8				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C96-136 PAGE 5/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						40204	205.5	207.0	1.5	0.5	<5				
					198.5 S_1 = 40° to CA.	40205	207.0	208.3	1.3	0.5	<5				
					203.5 S_1 = 55° to CA.										
					203.7-204.3 75% milky white quartz veining.										
					204.5-208.3 Highly variable S_1; very poorly developed S_2, but folde axes and										
					crenulations also highly variable.										
208.3	217.5	99	85	4B, lbt	FELSIC LAPILLI BOMB TUFF - pale green and pink purple bombs in strongly	40206	208.3	210.0	1.7	0.5	<5				
					iron carbonatized sericitized matrix; moderate to strong deformation, trace										
					fushite.										
					211 S_1 = 50° to CA.										
					214.5 S_1 = 40° to CA.										
					217 S_1 = 60° to CA.										
217.5	261	99	85	4B, lt-t	FELSIC LAPILLI ASH TUFF - yellow-beige strongly deformed; strong iron	40207	217.5	219.0	1.5	0.5	<5				
					carbonate-sericite alteration, local well developed S_2 foliations and S+C structures;	40208	219.0	220.5	1.5	1.0	36				
					minor fine pyritic lapilli.	40209	220.5	222.0	1.5	0.5	<5				
					219 S_1 = 65° to CA.	40210	22.0	223.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C96-136	PAGE 6/6
COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					223 S_2 = 80° to CA.	40211	223.5	225.0	1.5	0.5	<5				
					228 S_1 = 25° to CA.										
					234 S_2 = 85° to CA.	40212	235.5	237.0	1.5	0.5	<5				
					238.5 S_1 = 60° to CA.	40213	237.0	238.5	1.5	0.5	<5				
					243 S_1 = 50° to CA.										
					247 S_1 = 55° to CA.	40214	245.0	246.0	1.0	0.5	<5				
					248.8-252.1 50% milky white quartz veining.	40215	246.0	247.5	1.5	0.5	<5				
					255.5 S_2 = 90° to CA.	40216	247.5	249.0	1.5	0.5	<5				
					255.5-258.3 50% milky white quartz veining.	40217	249.0	250.5	1.5	0.5	<5				
					260 S_2 = 75° to CA.	40218	250.5	252.0	1.5	0.5	<5				
						40219	252.0	253.5	1.5	0.5	<5				
						40220	253.5	255.0	1.5	0.5	<5				
						40221	255.0	256.5	1.5	0.5	<5				
						40222	256.5	258.0	1.5	0.5	<5				
						40223	258.0	259.5	1.5	0.5	<5				
						40224	259.5	261.0	1.5	0.5	<5				
	261.0			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Walhanna	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 10/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	June 11- /96
COMPLETED	June 12/96	CLAIM	37259	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	10+10E, 1+50N	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
30	51	176
75	53	
100	51	MAG
150	51	180

HOLE NO. L96-137	PAGE 1/2
COLLAR AZIMUTH	175
COLLAR DIP	-50
ELEVATION	315
LENGTH	217.9

9387.954E, 10181.00N

INTERVAL M ■ Ft □ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	17			OVB	Casing.										
17	217.9			9	DIABASE - massive, dark grey, Mg to Cg diabase/gabbro; unaltered except										
					for weak epidote alteration of plagioclose phenocrysts (pale green) non-										
					carbonatized trace pyrite locally, local sections of badly broken core,										
					possibly due to a fracture or joints at sub-parallel to CA, upper portion of										
					unit is non-magnetic, separated from a magnetic unit by an epidote-rich band,										
					gradational increases and decreases in grain size with green size generally										
					increasing downhole.										
		99	80		17-85.1 Non-magnetic diabase (mag. sus. average 0.3 x 10^{-3} SI); lower										
					contact is epidote-rich band of diabase, weakly fractured (epidote healed										
					coatings).										
		100	95		85.1-91.1 Diabase moderate to strongly magnetic coarse grained (mag. sus.										
					0.5 to 2.0 x 10^{-3} SI units), less fractured than upper portion of unit. Magnetite										
					content higher in coarse k-spar-rich sections of diabase (granophyric);										
					sharp lower contact 75° to CA with fine grained diabase (chilled weakly										
					epidotized margin); non-calcium carbonatized										
		100	85		91.1-168.7 Non-magnetic, non-calcium carbonatized diabase; fractured with										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORDINATES	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	51	
200	50	182

HOLE NO. L96-137 PAGE 2/2
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					joint/fracture sets at both low and high angles to CA; very minor quartz-epidote										
					generally at high angles to CA.										
					91.1-110 Fine-medium grained diabase predominants.										
					94.2-94.5 Epdiote and incipient development of fault gouge 60° to Ca.										
					110-168.7 Uniform coarse grained diabase slighly less fractured than previous										
					low angle fractures begin to predominate, weakly magnetic from 159.1 to 162.										
		97	25	9	168.7-174.7 Central core of very badly broken core and epidote-rich fault gouge,										
					surrounded by chlorite prophyritic weakly altered diabase, possible intrusive contacts										
					represented by quartz-epidote veining @ 75° to CA at 169.4 and 174.5.										
		100	50		174.7-217.9 Mg to Cg non-magnetic, non-calcium carbonatized diabase, variable										
					degrees of sausserization of feldspar gives a non-uniform appearnace to unit; fractured										
					joint planes at moderate angles to CA; minor quartz-epidote veining.										
	217.9			E.O.H.	HOLE ABANDONED DUE TO SQUEEZING GROUND/CAVING.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Walhanna	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 12/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	June 13 - /96
COMPLETED	June 15/96	CLAIM	37341	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	11+00E, 0+75N	DDH COM	

9473.723E, 10097.449N

SURVEY DEPTH	DIP	AZIMUTH
20	50	170
50	49	170
75	49	
100	48	172

HOLE NO. L96-138	PAGE 1/12
COLLAR AZIMUTH	170
COLLAR DIP	-50
ELEVATION	311.643
LENGTH	333.49

INTERVAL M ■ Ft □ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	9			OVB	Casing.										
9	41	99	60	9	DIABASE - coarse grained diabase becomes increasingly finer grained downhole										
					to lower contract; generally non-magnetic to weakly magnetic (0.3-0.8 x 10^{-3})										
					with very localized magnetic sections fractured at generally high angles to CA;										
					minor quartz-epditoe veining 55° to CA; calcite veining toward lower contact 40-55°										
					to CA; lower contact 70° to CA.										
41	86	99	75	3B, t	INTERMEDIATE ASH TUFFS (possibly altered mafic volcanics) - strongly silicified,										
					moderate calcium carbonatization, aphanitic, dark grey-green, with mottled, bleached										
					sections of pervasive quartz-calcite alteration; upper portio of unit shows laminated										
					possibly cherty sections with Fg to Mg disseminated pyrite (mag. sus. 0.1 x 10^{-3} SI).										
					42 S_0/S_1 = 65° to CA.										
					43.6 1-2% sphalerition fine quartz stringer at 20° to CA.										
					46.5 S_1 = 60° to CA.										
					50.4 S_1 = 45° to CA.										
					57.4 S_1 = 40° to CA.										
					58.7 Broken core minor fault gouge 60° t CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
150	48	173
175	49	
200	49	173
250	47	175

HOLE NO. L96-138 PAGE 2/12

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					66-78.1 Pervasive silicification sections increase; very magnetic susceptibility.										
					70.1 S_1 = 55° to CA.										
					75 Broken core (0.1m lost core).										
					77.8 S_1 = 35° to CA.										
					78.1-86 Strong pervasive silicification weak to moderate iron carbonate-sericite										
					alteration generally along S_2 foliations, moderate to strong pervasive calcium-										
					carbonate alteration; S_1 appears to have been obliterated or presently in local S+C										
					structures penetrative S_2 = 75-85° to CA.										
86	126.6	99	90	3-2B, t	INTERMEDIATE TO MAFIC ASH TUFF - chloritic, dark grey to light grey-green										
					with stronger calcium carbonatization; diffuse, very finely laminated; S_0/S_1 strongly										
					folded with locally developed strong S_2 fracture cleavage at various core angles.										
					90 S_1 = 0° to CA, crenulated.	40251	91.5	93.0	1.5	0.5	<5				
					94.5 S_1 = 0° to CA; S_2 = 85° to CA.	40252	93.0	94.5	1.5	0.5	<5				
					97.5 S_1 = 40° to CA.	40253	94.5	96.0	1.5	0.5	<5				
					101.2-102 Milky white quartz veining/flooding, minor pyrite.	40254	96.0	97.5	1.5	0.5	<5				
					104.5 S_1 = 10° to CA; S_2 = 85° to CA.	40255	97.5	99.0	1.5	0.5	<5				
					107.3 S_1 = 30° to CA, minor pyritic fractures.	40256	99.0	100.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-138 PAGE 3/12
PROPERTY	DISTRICT	CONTRACTOR	275			COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	300	46	176	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					110.8 S_1/S_2 = 80° to CA.	40257	100.5	102.0	1.5	0.5	<5				
					111-126.6 Unit becomes altered; upper portion is bleached (calcium carbonatization)	40258	102.0	103.5	1.5	0.5	<5				
					with patchy white to grey quartz veining/flooding; yellow green iron carbonate-	40259	103.5	105.0	1.5	0.5	<5				
					sericite ± epidote? alteration becomes pervasive down hole with patchy Mg pyrite	40260	105.0	106.5	1.5	0.5	<5				
					along quartz veinlets/flooding. Strong to intense silicification with patchy yellow	40261	106.5	108.0	1.5	0.5	<5				
					iron carbonate-sericite alteration along S_1 foliation from 120.0 to 126.6; 1% of	40262	108.0	109.5	1.5	0.5	<5				
					Fg disseminated pyrite associated with quartz flooding and silicification.	40263	109.5	111.0	1.5	0.5	<5				
					114.4-114.6 Quartz-calcite vein, 1% disseminated pyrite.	40264	111.0	112.5	1.5	0.5	<5				
					116.7 S_1/S_2 = 60° to CA.	40265	112.5	114.0	1.5	1.0	6				
					118.6-118.8 Grey-white quartz veins 80° to CA.	40266	114.0	115.5	1.5	0.5	<5				
					119.2-119.5 Quartz-sericite vein 75° to CA, minor Fg pyrite.	40267	115.5	117.0	1.5	0.5	<5				
					120.35 Minor fault gouge 75° to CA.	40268	117.0	118.5	1.5	0.5	<5				
					120.35-121.5 Folded iron carbonate-sericite laminations with quartz-calcite veining	40269	118.5	120.0	1.5	1.0	<5				
					75° to CA.	40270	120.0	121.5	1.5	1	<5				
					121.5-126.6 Intense to strong silicification; quartz flooding with remanant folded	40271	121.5	123.0	1.5	1	<5				
					S_1, 45-55° to CA; 1% finely disseminated pyrite; pyritic lower contact.	40272	123.0	124.5	1.5	1.0	9				
						40273	124.5	126.0	1.5	0.5	<5				
						40274	126.0	126.6	0.6	2	34				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	HOLE NO. L96-138	PAGE 4/12	
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH		
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP		
COMPLETED	CLAIM	LOGGED BY	ELEVATION		
OBJECTIVE	CO-ORD.	DDH COM	LENGTH		

SURVEY DEPTH	DIP	AZIMUTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
126.6	137.6	94	50	4B, t/GOC	FELSIC ASH TUFF WITH GRAPHITIC BANDS - upper contact is graphitic fault	40275	126.6	128.5	1.9	2	42				
					gouge and vuggy, broken core; appears to have a core angle of 60-75° to CA; 2%	40276	128.5	130.0	1.5	2	17				
					pyrite; 0.7 metres lost core from 126.6 to 128.5	40277	130.0	131.2	1.2	2	6				
					128.5-137.6 Laminated cherty tuff/sediments and graphitic sediments, pervasive	40278	131.2	132.0	0.8	2	43				
					silicification, very minor quartz flooding; 2-3% pyrite as Fg to Mg laminations and	40279	132.0	133.0	1.0	2	63				
					patchy disseminations, moderately deformed with strongly developed S_1 foliation at	40280	133.0	134.0	1.0	2	727	0.59			
					70-80° to CA.	40281	134.0	135.0	1.0	1	35				
						40282	135.0	136.5	1.5	2	30				
						40283	136.5	137.6	1.1	2	189				
137.6	156.9			4B, t	FELSIC ASH TUFF - cherty, strong calcium-iron carbonatization, light to medium	40284	137.6	139.5	1.9	1	59				
					grey; S_0/S_1 is fractured and locally folded; both S_0/S_1 and poorly developed S_2	40285	139.5	141.0	1.5	0.5	11				
					75-85° to CA; minor bands of Mg pyrite, very minor, weakly graphitic sections, up	40286	141.0	142.5	1.5	1.0	66				
					to 1% Fg disseminated pryite locally.	40287	142.5	145.0	1.5	1.0	1021	0.88			
					139.5 S_1/S_2 = 85° to CA.	40288	145.0	146.5	1.5	0.5	118				
					142.5 S_1/S_2 = 70° to CA.	40289	146.5	147.0	1.5	0.5	22				
					142.5-144 Increase in deformation and pyrite content along S_1/S_2 fracture cleavage.	40290	147.0	148.5	1.5	0.5	29				
					146.5 S_1 = 90° to CA.	40291	148.5	150.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-138 PAGE 5/12

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
					150 S_1 = 85° to CA.	40292	150.0	151.6	1.6	1.0	316				
					150.6-150.7 Quartz-carbonate vein 80° to CA.	40293	151.6	153.0	1.4	1.0	14				
					151.1-152.5 Milky white folded quartz-carbonate veins; minor grey quartz-calcite	40294	153.0	154.5	1.5	0.5	7				
					veinlets with 1-2% Mg pyrite from 151.5-151.9.	40295	154.5	156.2	1.7	0.5	14				
					152.7 S_2 = 90° to CA, quartz vein foldnose.	40296	156.2	156.9	0.7	2.0	818	0.74			
					153-156.2 Relatively indeformed, non-mineralized ash to cherty ash tuff, S_1 = 80°										
					to CA.										
					156.2-156.9 Pyritic, deformed GQC; 5% pyrite.										
156.9	164.3	100	95	2A	MAFIC FLOWS - pillowed to massive, weakly bleached minor chloritic amygdules,										
					upper contact is quartz vein and broken, probably 90° to CA; 0.5m of quartz stringer										
					stockwork with 1% pyrite and 1% chalcopyrite; also traces of chalcopyrite within										
					flows, sharp lower contact 45° to CA; strong calcium carbonatization.	40297	156.9	157.5	0.6	1.0	54				
						40298	157.5	159.0	1.5	0.5	6				
						40299	159.0	160.5	1.5	0.5	10				
						40300	160.5	162.0	1.5	0.5	26				
						40301	162.0	163.5	1.5	0.5	11				
						40302	163.5	164.3	0.8	0.5	11				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-138 PAGE 6/12
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb	Au gpt			
164.3	190.3			4B, t	FELSIC TUFF - the upper portion of the unit is relatively undeformed and non-	40303	164.3	165.3	1.0	2.0	50				
					mineralized, with weak sericitization; strong calcium carbonatization, tuff becomes	40304	165.3	166.5	1.2	0.5	12				
					increasingly cherty, deformed and pyritic downhole; graphitic bands common toward	40305	166.5	168.0	1.5	1.0	362				
					lower contact; strong calcium carbonatization throughout.	40306	168.0	169.5	1.5	1.0	95				
					166.6 S_1 = 65° to CA.	40307	169.5	171.0	1.5	1.0	49				
					170.9 S_1 = 75° to CA.	40308	171.0	172.5	1.5	1.0	251				
					173.5-174.0 Grey, pyritic quartz-calcite vein parallels foldnose.	40309	172.5	173.5	1.0	1.0	107				
					174.4-174.6 Grey, pyritic quartz-calcite vein.	40310	173.5	174.6	1.1	2.0	1342	0.97			
					177.3-177.9 Strongly pyritic quartz-calcite vein at high angles to CA, with tightly	40311	174.6	175.6	1.0	1.0	284				
					folded pyritic tuff margins; S_2 = 85° to CA.	40312	175.6	176.6	1.0	1.0	61				
					177.9-185.3 Possible fold hinge, numerous foldnoses; local S_2 = 80-90° to CA;	40313	176.6	177.3	0.7	1.0	142				
					patchy pyrite mineralization; minor graphitic tuff.	40314	177.3	178.3	1.0	5.0	1911	1.90			
					185.3-189.4 Less deformed, graphitic, laminated tuff; local strong disseminated	40315	178.3	179.4	1.1	2.0	46				
					pyrite, mineralization.	40316	179.4	180.0	0.6	1.0	9				
					186 S_1 = 60° to CA.	40317	180.0	181.5	1.5	2.0	517				
					188.2 Open fold nose S_1 on each limb = 40° to CA.	40318	181.5	183.0	1.5	2.0	799				
					188.9-190.3 Silicified GQC with fault gouge at 189.5, 60° to CA, S_2 = 85° to CA.	40319	183.0	184.5	1.5	1.0	300				
					Strongly pyritic quartz flooding/smokey grey quartz veining from 189.6-190.3.	40320	184.5	185.3	0.8	2.0	1275	0.94			

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-138 PAGE 7/12

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					Lower contact 30° to CA.	40321	185.3	186.0	0.7	2.0	405				
						40322	186.0	187.5	1.5	2.0	16				
						40323	187.5	189.0	1.5	1.0	23				
						40324	189.0	190.3	1.3	3.0	257				
190.3	207	100	90	2A	MAFIC FLOW - light grey-green, strongly calcium carbonatized, pillow flows; minor	40325	190.3	192.0	1.7	0.5	17				
					grey deformed felsic interflow tuffs. Minor patchy pyrite mineralization.	40326	192.0	193.5	1.5	0.5	11				
						40327	193.5	195.0	1.5	0.5	15				
						40328	204.0	205.5	1.5	0.5	15				
						40329	205.5	207.0	1.5	1.0	16				
207	213	99	85	4B, lt/GQC	FELSIC TUFF/GRAPHITE-QUARTZ-CARBONATE - strongly deformed, locally	40330	207.0	208.5	1.5	2.0	40				
					graphitic, laminated locally pyritic. Several sections with up to 2% Fg chalcopyrite	40331	208.5	210.0	1.5	1.0	52				
					in milky white or grey quartz veins or along fractures/foliations.	40332	210.0	211.5	1.5	1.0	25				
					207.4-207.8 Storng deformation, fractured S_2 75° to CA, folded milky white quartz	40333	211.5	213.0	1.5	2.0	22				
					veining, 2% chalcopyrite at 207.6.										
					210.3 Tight fine parasitic folds S_2 90° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-138	PAGE 8/12
COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					211 0.5% chalcopyrite in milky white quartz veining, 60° to CA.										
					212-213 Green finely laminated tuff with stretched pyritic nodules, S_1 = 35° to CA.										
					212.7-213 1% chalcopyrite along foliation planes. Quartz veined, lower contact with										
					minor chalcopyrite.										
213	217.6	100	85	2A	MAFIC FLOWS - dark grey, massive to weakly foliated 60° to CA, late quartz-	40334	213.0	214.5	1.5	0.5	<5				
					calcite veining at high angles to CA, trace pyrite, minor chalcopyrite at upper	40335	214.5	216.0	1.5	0.5	<5				
					contact, lower contact 75° to CA, strong calcium carbonatization.	40336	216.0	217.6	1.6	0.5	<5				
217.6	222.8	100	95	3B, lt	INTERMEDIATE LAPILLI TUFFS - light green with generally darker green lapilli	40337	217.6	219.0	1.4	0.5	<5				
					and minor felsic cherty ash bombs; S_1 45-60° to CA crenulated locally, strong	40338	219.0	220.5	1.5	0.5	<5				
					calcium carbonatization, minor pyritic Vqc; cherty lower contact 70° to CA.	40339	220.5	222.8	2.3	0.5	<5				
222.8	232.5	100	95	3B, lbt	INTERMEDIATE BOMB TUFF - weakly deformed medium green with porphyritic	40340	222.8	224.0	1.2	2.0	6				
					dark green intermediate bombs, dark grey cherty felsic lapilli (pyritic) and pyritic	40341	224.0	225.0	1.0	1.0	18				
					lapilli. Upper portion of unit contains most of the pyrite with milky white quartz-	40342	225.0	226.5	1.5	2.0	42				
					carbonate veining and folding at upper contact; weak calcium carbonatization,	40343	226.5	228.0	1.5	0.5	<5				
					S_0/S_1 = 45° to CA.	40344	228.0	229.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-138 PAGE 9/12
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						40345	229.5	231.0	1.5	1.0	<5				
						40346	231.0	232.5	1.5	1.0	<5				
232.5	333.49	99	85	3B, t-xt	INTERMEDIATE TUFF/CRYSTAL TUFF - medium to dark grey-green, upper										
					portion of unit is undeformed and unaltered except for moderate to strong pervasive										
					calcium carbonatization, yellow sericite alteration begins to increase downhole along										
					S_1 and then begins to define a strong penetrative S_2 foliation as deformation and										
					quartz-carbonate veining increase, dolomitic carbonatization also increases at the										
					expense of calcite carbonatization.										
					237 S_1 = 50° to CA.										
					238.5 Sericitic laminations in laminated utff; S_1 = 50° to CA.	40347	232.5	234.0	1.5	0.5	<5				
						40348	247.5	249.0	1.5	0.5	<5				
						40349	249.0	250.5	1.5	0.5	<5				
						40350	250.5	252.0	1.5	0.5	<5				
						40351	252.0	253.5	1.5	0.5	<5				
						40352	253.5	255.0	1.5	0.5	<5				
						40353	255.0	256.5	1.5	0.5	9				
						40354	256.5	258.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-138 PAGE 10/12
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					242.7 S_1 = 45° to CA.	40355	258.0	259.5	1.5	0.5	5				
					244 S_2 = 70° to CA.	40356	259.5	261.0	1.5	0.5	14				
					248.8 Local S_2 sericitic cleavage 80° to CA, minor quartz-carbonate veining.	40357	261.0	262.5	1.5	0.5	7				
					257.5-258 Strong sericite quartz-carbonate veining.	40358	262.5	264.0	1.5	0.5	<5				
					260.5 S_2 = 80° to CA.	40359	264.0	265.5	1.5	0.5	<5				
					261.5 S_2 = 80° to CA.	40360	265.5	267.0	1.5	0.5	<5				
					265 S_2 = 80° to CA.	40361	267.0	268.5	1.5	0.5	<5				
					270 S_1 = 50° to CA.	40362	268.5	270.0	1.5	0.5	7				
					275 S_2 = 80° to CA.	40363	270.0	271.5	1.5	0.5	19				
					275.5-286.3 Sericite-quartz-carbonate alteration/veining increases, traces pyrite,	40364	271.5	273.0	1.5	0.5	16				
					S_2 = 70° to CA; minor broken core, gougy, fault slips.	40365	273.0	274.5	1.5	0.5	7				
					285.1 Speck chalcopyrite.	40366	274.5	276.0	1.5	0.5	39				
					286-286.3 Silicified drag fold with pyritic grey quartz-calcite veinlets on limb	40367	276.0	277.5	1.5	0.5	15				
					of fold 60° to Ca.	40368	277.5	279.0	1.5	0.5	9				
					286.3-287.4 Calcium carbonate begins to predominate.	40369	279.0	280.5	1.5	0.5	21				
					287.4-291 30% milky white quartz-carbonate veining, minor grey quartz-calcite	40370	280.5	282.0	1.5	0.5	14				
					veinlets; chlorite-sericite selvages, 1% pyrite locally.	40371	282.0	283.5	1.5	0.5	<5				
					291-298.6 Well developed yellow sericite S_2 fracture cleavage 80° to Ca, local	40372	283.5	285.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-138 PAGE 11/12

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
					iron carbonate-rich bands, minor milky white quartz-carbonate veining sub-parallel	40373	285.0	286.3	1.3	1.0	4425	3.88			
					to S_2, trace pyrite.	40374	286.3	287.4	1.1	0.5	28				
					298.6-302 Dark green, unaltered, crystal tuff, very weakly developed S_2 fracture	40375	287.4	288.2	0.8	0.5	<5				
					cleavage 80° to CA, strong calcium carbonate alteration.	40376	288.2	289.7	1.5	0.5	<5				
					302-305.4 Well developed yellow sericite S_2 75° to CA, pyritic grey quartz-calcite	40377	289.7	291.0	1.3	1.0	15				
					veinlets common, several pyritic fold noses (broken layered pyrite aggregates);	40378	291.0	292.5	1.5	1.0	34				
					2% pyrite overall.	40379	292.5	294.1	1.6	0.5	<5				
					305.4-319.5 Only minor yellow sericite S_2 foliations, diffuse tuffaceous tecture;	40380	294.1	295.6	1.5	0.5	<5				
					strong calcium carbonatization.	40381	295.6	297.0	1.4	0.5	<5				
					319.5-331 Deformation increases, with well developed S_2 80° to CA, 10% milky	40382	297.0	298.6	1.6	0.5	<5				
					white quartz-carbonate veins with finely pyritic sericitic selvages, very local	40383	298.6	300.0	1.4	0.5	<5				
					pyrite along folded laminations.	40384	300.0	301.5	1.5	0.5	7				
					331-333.49 Alteration/veining absent; deformation decreases; mottled fragmental	40385	301.5	302.0	0.5	0.5	<5				
					appearance.	40386	302.0	303.0	1.0	0.5	73				
						40387	303.0	304.5	1.5	1.0	184				
						40388	304.5	305.4	0.9	3.0	75				
						40389	305.4	306.4	1.0	0.5	<5				
						40390	306.4	307.5	1.1	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	HOLE NO. L96-138	PAGE 12/12	
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH		
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP		
COMPLETED	CLAIM	LOGGED BY	ELEVATION		
OBJECTIVE	CO-ORD.	DDH COM	LENGTH		

SURVEY DEPTH	DIP	AZIMUTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						40391	307.5	309.0	1.5	0.5	<5				
						40392	309.0	310.5	1.5	0.5	<5				
						40393	310.5	312.0	1.5	0.5	200				
						40394	312.0	313.5	1.5	0.5	70				
						40395	313.5	315.0	1.5	0.5	48				
						40396	315.0	316.5	1.5	0.5	<5				
						40397	316.5	318.0	1.5	0.5	<5				
						40398	318.0	319.5	1.5	0.5	<5				
						40399	319.5	321.2	1.7	0.5	<5				
						40400	321.2	322.5	1.3	0.5	33				
						40401	322.5	324.0	1.5	0.5	16				
						40402	324.0	325.5	1.5	1.0	100				
						40403	325.5	327.0	1.5	1.0	352				
						40404	327.0	328.5	1.5	0.5	36				
						40405	328.5	330.0	1.5	0.5	<5				
						40406	330.0	331.5	1.5	0.5	<5				
						40407	331.5	333.0	1.5	0.5	5				
	333.49			E.O.H.	END OF HOLE.	40408	333.0	333.49	0.49	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Subdury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Walhanna	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 15/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	June 17 - /96
COMPLETED	June 20/96	CLAIM	37341	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	12+00E, 1+90N	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
17	73	173
50	72	175
75	72	
100	72	174

HOLE NO. L96-139	PAGE 1/13
COLLAR AZIMUTH	175
COLLAR DIP	-73
ELEVATION	309.781
LENGTH	513

9574.662E, 10212.157N

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	6			OVB	Casing.										
6	71.9	96	75	2A/9?	MAFIC FLOW - Cg porphyritic, non-magnetic, non-calcium carbonatized,										
					massive texture; possibly be a diabase dyke; medium green colour.										
					11.3-13.7 Fine grained, slightly porphyritic dyke; darker colour than										
					surrounding mafic flows; slightly less magnetic as well; sharp ragged contacts										
					at high angles to CA. Texture became diabasic downhole. Mag. Sus. uniform (0.5										
					- 0.7 x 10^{-3} SI units), minor quartz-carbonate veining; numerous black chloritic										
					gashes/fractures, gradual reduction in grain size from approximately 58 metres;										
					resembles a wide chill margin.										
71.9	254.5	98	85	2A	MAFIC FLOW - pillowed amygduloial dark green flows and hyaloclastite, non-										
					magnetic and non-calcium carbonatized; local coarse amygdules of calcite and										
					chlorite ± pyrite; minor quartz-carbonate veinlets and chlorite gashes; amygdules										
					fade contact 84.5m.										
					104-110.1 Locally silicified pillow breccia.										
		98	75		110.11-130 Pillowed flows become aphanitic dark grey massive; 5% quartz-carbonate										
					-epidote veining.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
150	70	175
175	70	
200	70	175
250	68	MAG

HOLE NO. L96-139 PAGE 2/13

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
		99	80		130-162.4 Aphanitic flows grade gradually into Mg to Cg diabasic textured flows;										
					10-15% leucoxene specks; non-magnetic; non-calcium carbonatized.										
		98	60		162.4-178 Mg diabasic texture becomes mottled and quartz-carbonate-epid ote										
					veined; minor sections broken core.										
		99	75		178-222 Mg diabasic texture with local increases in grain size; local calcium										
					carbonatization; broken sheared lower contact; slightly lower mag. sus. (0.3 x 10^{-3}										
					SI).										
		100	85		222-248.2 Mg to Cg, highly variable textures appear to have some sharp contacts										
					(flow contacts), minor aphanitic sections; leucoxene specked flows common; local										
					weak calcium carbonatization (slightly lower magnetic susceptibility at 0.25 x 10^{-3}										
					SI units).										
					248.2-254.5 Bleached (weak to moderate calcium carbonatization), weakly sericitized	40409	252.4	253.9	1.5	0.5	<5				
					diabasic textured mafic flows; quartz flooded, sericitized from 254.3 to 254.5;	40410	253.9	254.5	0.6	0.5	6				
					lower contact 75° to CA.										
254.5	255.4	90	10	F.Z.	FAULT ZONE - graphitic fault gouge, broken quartz veins and GQC bands; shear	40411	254.5	255.4	0.9	1.0	54				
					banding 75-80° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
275		
300	68	176
350	66	MAG
400	66	178

HOLE NO. L96-139 PAGE 3/13

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au ppt			
255.4	262.3	98	50	4B, t/Py	FELSIC TUFF INTERCALATED WITH MASSIVE SULPHIDE BANDS - strongly	40412	255.4	256.7	1.3	1.0	6				
					silicified, locally graphitic tuff and GQC with 0.2 to 0.5 metre sections of massive	40413	256.7	257.7	1.0	30	227				
					pyrite with quartz flooding and graphitic laminations, layering is 65-75° to CA,	40414	257.7	258.7	1.0	20	727	0.75			
					silceous tuff and GQC is generally non-pyritic; no folding, but strong deformation	40415	258.7	259.7	1.0	15	292				
					as shearing possibly due to being on a fold limb, minor folding at lower contact;	40416	259.7	260.8	1.1	2	169				
					minor fine fragmental texture.	40417	260.8	262.3	1.5	20	627	0.62			
262.3	266.6	99	85	4B, t	FELSIC TUFF - grey to beige almost massive tuff similar to above; grey quartz	40418	262.3	263.0	0.7	0.5	42				
					flooding or veining with no pyrite or alteration selvages; minor folded bands	40419	263.0	264.6	1.6	1.0	<5				
					of GQC.	40420	264.6	265.6	1.0	0.5	<5				
						40421	265.6	266.6	1.0	2.0	39				
266.6	319.6	99	80	4B, frag.	FELSIC FRAGMENTAL - grey, diffuse, coarse fragmental unaltered and undeformed	40422	266.6	267.6	1.0	0.5	<5				
					except for weak stretching folation; fragments are massvie grey to light yellow	40423	267.6	269.1	1.5	0.5	<5				
					tuff or sediment, that is generally much less sericitized than fragmental units in	40424	269.1	270.7	1.6	1.0	<5				
					the Victoria Creek deposit. Minor coarse pyrite fragments; minor local milky white	40425	270.7	272.2	1.5	0.5	<5				
					quartz-carbonate veining, with blebs of chalcopyrite at 274.4.	40426	272.2	273.7	1.5	0.5	10				
					268.5 S_0/S_1 = 60° to CA.	40427	273.7	275.2	1.5	0.5	<5				
					273.5-276.8 10-15% milky white quartz veining and grey quartz veining; trace	40428	275.2	276.8	1.6	1.0	13				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
450	63	178
475	63	
500	62	177

HOLE NO. L96-139 PAGE 4/13
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					chalcopyrite; local pyrite fragments.277.5	40429	276.8	278.3	1.5	1.0	<5				
					277.5 S_0/S_1 = 85° to CA.	40430	278.3	279.8	1.5	0.5	<5				
					282 S_0/S_1 = 80° to CA, pyrite fragment.	40431	279.8	281.3	1.5	0.5	18				
					284.4 S_0/S_1 = 80° to CA.	40432	281.3	282.9	1.6	1.0	13				
					284.7 Graphitic band 60° to CA.	40433	282.9	284.4	1.5	1.0	6				
					285.7 Graphitic band; broken pyrite layers.	40434	284.4	285.9	1.5	1.0	43				
					289.5 S_0/S_1 = 45° to CA.	40435	285.9	287.4	1.5	0.5	<5				
					293.5 S_0/S_1 = 40° to CA.	40436	287.4	289.0	1.6	0.5	<5				
					297 S_0/S_1 = 35° to CA.	40437	289.0	290.5	1.5	0.5	<5				
					301.2 S_0/S_1 = 30° to CA.	40438	290.5	292.0	1.5	0.5	<5				
					307.1 S_0/S_1 = 35° to CA.	40439	292.0	293.5	1.5	0.5	<5				
					313 S_0/S_1 = 30° to CA.	40440	293.5	295.0	1.5	0.5	<5				
					316.5 S_0/S_1 = 35° to CA.	40441	295.0	296.5	1.5	1.0	<5				
					319 S_0/S_1 = 45° to CA.	40442	296.5	298.1	1.6	0.5	<5				
					319-319.6 Milky white quartz-carbonate vein at low angles to CA, fragments of	40443	298.1	299.6	1.5	0.5	<5				
					pyrite.	40444	299.6	301.1	1.5	0.5	<5				
					319.6 Veined lower contact 35° to CA.	40445	301.1	302.6	1.5	0.5	<5				
						40446	302.6	304.2	1.6	1.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-139 PAGE 5/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						40447	304.2	305.7	1.5	1.0	<5				
						40448	305.7	307.1	1.4	1.0	<5				
						40449	307.1	308.6	1.5	1.0	6				
						40450	308.6	310.3	1.6	0.5	<5				
						40451	310.3	311.8	1.5	1.0	<5				
						40452	311.8	313.3	1.5	1.0	<5				
						40453	313.3	314.8	1.5	1.0	<5				
						40454	314.8	316.4	1.6	1.0	<5				
						40455	316.4	317.9	1.5	1.0	<5				
						40456	317.9	319.6	1.7	1.0	<5				
319.6	342.7	98	50	GQC/5E/Py	GRAPHITE-QUARTZ-CARBONATE/GRAPHITIC TURBIDITIC SEDIMENTS -	40457	319.6	321.0	1.4	2.0	18				
					strongly deformed, openly folded graphitic locally silicifed sediments, central	40458	321.0	322.5	1.5	2.0	10				
					portion of unit contains a 0.4m section of massive pyrite in strongly silicified,	40459	322.5	324.0	1.5	1.0	19				
					graphitic sediment; locally developed S_2 at high angles to CA.	40460	324.0	325.5	1.5	1.0	9				
					319.6-321 Highly graphitic, 5% pyrite.	40461	325.5	327.0	1.5	1.0	9				
					321-328.6 Folded laminated locally graphitic sediments; local pyritic laminations	40462	327.0	328.6	1.6	2.0	12				
					and VFg disseminated pyrite bands; moderate calcium carbonatization.	40463	328.6	329.8	1.2	2.0	7				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 6/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					328.6-330.9 Deformed, silicifed, pyritic GQC, massive pyrite from 330.5-330.9.	40464	329.8	330.9	0.9	4.0	78				
					330.9-338 Highly silicified, grey, weakly graphitic; microbrecciated tuff?,	40465	330.9	331.6	0.7	1.0	10				
					S_1 = 40° to CA.	40466	331.6	333.1	1.5	0.5	13				
					338-342.7 Strongly deformed GQC and laminated sediments; local strong	40467	333.1	334.7	1.6	1.0	22				
					silicification, minor gouge & fault slips/broken core; 2-3% pyrite as laminations	40468	334.7	336.2	1.5	1.0	<5				
					& disseminations. S_1 = 60° to CA.	40469	336.2	337.5	1.3	5.0	12				
						40470	337.5	339.2	1.7	3.0	61				
						40471	339.2	340.5	1.3	2.0	25				
						40472	340.5	341.2	0.7	0.5	<5				
						40473	341.2	342.7	1.5	2.0	34				
342.7	354.7	100	90	4B, frag.	FELSIC FRAGMENTAL - stretched grey-beige & pyritic fragments, in grey ash to	40474	342.7	343.8	1.1	20	121				
					black graphitic matrix; minor graphitic and light yellow sericitic fragments, weak	40475	343.8	345.3	1.5	5.0	6				
					to pervasive calcium carbonatization; pyritic fragments tend to be concentrated	40476	345.3	346.9	1.6	10	<5				
					toward upper and lower portions of unit.	40477	346.9	348.4	1.5	5.0	8				
					343 S_0/S_1 = 0° to CA, 20% large pyrite fragments.	40478	348.4	349.9	1.5	2.0	<5				
					346 S_0/S_1 = 5° to CA.	40479	349.9	351.4	1.5	1.0	<5				
					350 S_0/S_1 = 40° to CA.	40480	351.4	353.0	1.6	1.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-139 PAGE 7/13
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					353 S_2/S_1 = 45° to CA.	40481	353.0	354.7	1.7	5.0	<5				
					354.7 Low angle, ragged fragmental/laminated grey mudstone contact and sharp										
					graphitic argillite/mudstone contact 25° to CA.										
354.7	362.5	98	50	GQC/5A	GRAPHITE-QUARTZ-CARBONATE/GRAPHITIC ARGILLITE - sharp upper	40482	354.7	356.0	1.3	3.0	8				
					contact, strongly deformed, with local strong milky white quartz veining, traces	40483	356.0	357.5	1.5	2.0	7				
					chalcopyrite, minor sections of badly broken core; minor tuff layers; 2-3% pyrite	40484	357.5	359.0	1.5	1.0	<5				
					as broken layers, laminations and nodules.	40485	359.0	360.5	1.5	2.0	9				
					357 S_2 = 90° to CA.	40486	360.5	361.4	0.9	2.0	28				
					360.6 Speck chalcopyrite; S_1 = 65° to CA.	40487	361.4	362.5	1.1	2.0	18				
					361.4-362.1 Grey slightly cherty tuff; S_1 = 45° to CA, laminated with minor										
					crenulations.										
362.5	394.1	99	90	4B, t	FELSIC TUFF - grey, finely laminated, locally cherty tuff, moderately deformed with	40488	362.5	363.6	1.1	2.0	<5				
					locally developed S_2 fracture cleavage at 90° to CA; weak to moderate iron	40489	363.6	365.2	1.2	0.5	<5				
					carbonatization (ferron dolomite) with local bands of calcium carbonate, deformation	40490	365.2	366.7	1.5	0.5	<5				
					increases downhole as does amount of cherty material; minor fragmental bands and	40491	366.7	368.2	1.5	0.5	<5				
					massive sulphide bands in central portion of unit; weak calcium carbonatization.	40492	368.2	369.7	1.5	0.5	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 8/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					365.3 S_2 = 85° to CA.	40493	369.7	371.3	1.6	0.5	<5				
					368.5 S_2 = 90° to CA.	40494	371.3	372.8	1.5	0.5	<5				
					372.5 S_1 = 50° to CA.	40495	372.8	374.3	1.5	0.5	<5				
					373.9-374.1 Grpahitic band.	40496	374.3	375.8	1.5	0.5	6				
					374.3-374.5 Graphitic band; quartz-calcite veing, S_2 = 90° to CA; calcium carbonate	40497	375.8	377.3	1.5	0.5	<5				
					alteration begins to increase.	40498	377.3	378.8	1.5	1.0	6				
					378.5 S_1 = 55° to CA.	40499	378.8	380.4	1.6	1.0	<5				
					379.4-379.6 Stretched sericitic fragmental S_0/S_1 = 55° to CA.	40500	380.4	382.0	1.6	20	20				
					381.4-382 Massive pyrite bands in weakly graphitic tuff; fragmental upper contact	40501	382.0	383.4	1.4	1.0	<5				
					S_1 = 55° to CA; minor quartz flooding.	40502	383.4	384.9	1.5	1.0	172				
					384.5 S_2 = 75° to CA.	40503	384.9	386.5	1.6	0.5	21				
					389 S_2 = 75° to CA; patchy weak silification begins to increase downhole.	40504	386.5	388.0	1.5	1.0	<5				
					392.6-393 Folded broken cherty beds; graphitic laminations.	40505	388.0	389.5	1.5	1.0	12				
						40506	389.5	391.0	1.5	1.0	21				
						40507	391.0	392.5	1.5	0.5	<5				
						40508	392.5	394.1	1.6	1.0	17				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 9/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
394.1	413.5	98	75	GQC/4B, t	GRAPHITE-QUARTZ-CARBONATE/FELSIC ASH TUFF - strongly deformed,	40509	394.1	395.1	1.0	2.0	155				
					locally silicified, pyritic alteration; well developed S_2 at 70° to CA.	40510	395.1	395.7	0.6	5.0	1148	1.27			
					394.1-395.9 Moderately silicified GQC, with pyritic siliceous bands increasing	40511	395.7	397.0	1.3	7.0	2856	3.15			
					toward lower contact; 3-4% Fg-Mg disseminated pyrite, S_1/S_2 = 80° to CA.	40512	397.0	398.0	1.0	7.0	3587	3.33			
					395.9-398 Strong silicification/quartz flooding with 5-7% Fg to Mg pyrite along	40513	398.0	398.8	0.8	1.0	290				
					tightly folded foliations within the quartz; minor pervasive ferron dolomite	40514	398.8	399.7	1.0	1.0	20				
					alteration; S_2 = 70° to CA.	40515	399.7	401.7	2.0	1.0	55				
					398-399.7 Grey-green coarse ash to lapilli tuff band; very well developed S_2 = 70°	40516	401.7	403.0	1.3	1.0	46				
					to CA (fracture cleavage); minor silicified pyritic band at 398.7 metres; sharp	40517	403.0	404.8	1.8	1.0	113				
					lower contact 90° to CA.	40518	404.8	405.9	1.1	1.0	14				
					399.7-403.9 Strongly deformed, weakly silicified GQC, with chloritic selvages in	40519	405.9	407.8	1.9	2.0	11				
					milky white quartz-carbonate veining; S_2 = 75-80° to CA.	40520	407.8	409.3	1.5	2.0	34				
					403.9-405.9 Weakly deformed lapilli tuff band with 2-3% pyrite lapilli; upper	40521	409.3	410.9	1.6	0.5	13				
					and lower contacts 45-50° to CA.	40522	410.9	411.7	0.8	0.5	15				
					405.9-411.7 Moderately deformed graphitic tuff/GQC; 1-2% brown pyrite	40523	411.7	413.5	1.8	0.5	12				
					lamiantions, minor chlorite in milky white quartz-carbonate veinlets, S_1 = 65-70°										
					to CA.										
					411.7-413.5 Light grey, finely layered to laminated fine to coarse ash tuff; local										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 10/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
					muddy brown to cherty layers; minor to no alteration; minor to no deformation;										
413.5	451.9	98	85	4B, t	FELSIC TUFF - grey to beige, weak to moderately deformed pervasive, moderate	40524	413.5	415.5	2.0	0.5	7				
					calcium + dolomitic carbonatization, generally unaltered with local sections of	40525	415.5	417.0	1.5	0.5	<5				
					pyritic muddy laminations/sub-parallel folded quartz-calcite veining.	40526	417.0	418.5	1.5	0.5	<5				
					415 S_1 = 55° to CA.	40527	418.5	420.0	1.5	0.5	<5				
					414.9 Grey quartz-calcite veinlet, minor pyrite.	40528	420.0	421.5	1.5	0.5	16				
					421 S_1 = 55° to CA.	40529	421.5	423.1	1.6	0.5	<5				
					425.5 S_2 = 90° to CA; 428.4 S_1 = 50° to CA.	40530	423.1	424.6	1.5	0.5	<5				
					432.7 S_1 = 45° to CA.	40531	424.6	426.1	1.5	0.5	<5				
					433.7-434.4 5% pyrite lapilli.	40532	426.1	427.6	1.5	0.5	<5				
					435.5 S_1 = 30° to CA.	40533	427.6	429.2	1.6	0.5	7				
					436.5-437.5 Folded to laminated grey quartz-calcite veinlets and pyritic laminations,	40534	429.2	430.7	1.5	1.0	<5				
					local sericitic alteration; 1-2% pyrite.	40535	430.7	432.2	1.5	1.0	107				
					442.6 S_1 = 40° to CA.	40536	432.2	433.7	1.5	0.5	11				
					442.6-451.9 Unit becomes less altered than previous section with increasingly	40537	433.7	435.3	1.6	2.0	11				
					intermediate appearance toward lower contact; lower contact 45° to CA.	40538	435.3	436.8	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L96-139 PAGE 11/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
						40539	436.8	438.3	1.5	2.0	356				
						40540	438.3	439.8	1.5	0.5	<5				
						40541	439.8	441.4	1.6	0.5	<5				
						40542	441.4	442.9	1.5	0.5	<5				
						40543	442.9	444.4	1.5	0.5	<5				
						40544	444.4	445.9	1.5	0.5	<5				
						40545	445.9	447.5	1.6	0.5	<5				
						40546	447.5	449.0	1.5	0.5	14				
						40547	449.0	450.5	1.5	0.5	<5				
						40548	450.5	451.5	1.0	0.5	28				
451.9	513	97	60	3B, t	INTERMEDIATE TUFF - weakly to strongly deformed, with local strong iron	40549	451.5	452.1	0.6	1.0	1431	1.21			
					carbonate-sericite alteration associated with milky white quartz veining; strong	40550	452.1	453.5	1.4	0.5	7				
					chlorite selvages and banding; 1-2% pyrite as disseminations and laminations	40551	453.5	455.0	1.5	0.5	<5				
					associated with strong quartz veining/alteration/deformation; local badly broken	40552	455.0	456.6	1.6	0.5	70				
					core/minor fault gouge; locally developed yellow sericite S_2 foliations at high	40553	456.6	458.1	1.5	1.0	97				
					angles to CA; local amygdaloidal textures.	40554	458.1	459.6	1.5	0.5	291				
					455 S_1 = 45° to CA.	40555	459.6	461.1	1.5	0.5	29				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 12/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
					460 S_2 = 70° to CA.	40556	461.1	462.7	1.6	2.0	179				
					460-477.5 Strongly deformed, altered and mineralized section; 1-2% pyrite overall;	40557	462.7	464.2	1.5	1.0	83				
					bleb chalcopyrite at 466.5; local S_2 = 70-85° to CA.	40558	464.2	465.7	1.5	1.0	35				
					477.5-489 Weak to moderate deformation; minor quartz-carbonate veining; patchy	40559	465.7	467.3	1.5	1.0	130				
					mustard yellow S_1/S_2 foliations; 1% pyrite locally as broken layers.	40560	467.3	468.8	1.5	1.0	15				
					489-493.8 Pink purple hematized crystal/ash tuff, minor chloritic fragments;	40561	468.8	470.3	1.5	1.0	<5				
					strong S_1 at 55° to CA.	40562	470.3	471.8	1.5	1.0	<5				
					493.8-507.7 Moderate to strongly deformed chloritic tuff; relatively unaltered	40563	471.8	473.3	1.5	0.5	6				
					and non-mineralized with locally well developed S_2 fracture cleavage at 60-80°	40564	473.3	474.9	1.6	2.0	521	0.56			
					to CA.	40565	474.9	476.4	1.5	2.0	693	0.73			
					507.7-513 Purple pink deformed hematized tuff, local chloritic fragments,	40566	476.4	477.9	1.5	0.5	113				
					S_2 = 80° to CA.	40567	477.9	479.4	1.5	0.5	28				
						40568	479.4	481.0	1.6	0.5	41				
						40569	481.0	482.5	1.5	0.5	415				
						40570	482.5	484.0	1.5	0.5	7				
						40571	484.0	485.5	1.5	0.5	<5				
						40572	485.5	487.1	1.6	1.0	167				
						40573	487.1	488.6	1.5	0.5	11				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-139 PAGE 13/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						40574	488.6	490.1	1.5	0.5	<5				
						40575	490.1	491.6	1.5	0.5	<5				
						40576	491.6	493.2	1.6	0.5	<5				
						40577	493.2	494.7	1.5	0.5	<5				
						40578	494.7	496.2	1.5	0.5	<5				
						40579	496.2	497.7	1.5	0.5	<5				
						40580	497.7	499.3	1.6	0.5	17				
						40581	499.3	500.8	1.5	0.5	8				
						40582	500.8	502.3	1.5	1.0	10				
						40583	502.3	503.8	1.5	0.5	<5				
						40584	503.8	505.4	1.6	0.5	<5				
						40585	505.4	506.9	1.5	0.5	<5				
						40586	506.9	508.4	1.5	0.5	<5				
						40587	508.4	509.9	1.5	0.5	<5				
						40588	509.9	511.5	1.6	0.5	<5				
						40589	511.5	513	1.5	0.5	<5				
	513			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD
TORONTO, ONTARIO, CANAD

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	June 20/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 3-7/96
COMPLETED	July 3/96	CLAIM	821357	LOGGED BY	D. Jamieson
OBJECTIVE	Main Zone Horizon at Depth	CO-ORD.	20+00E, 1+00N	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
20	59	180
50	60	180
75	59	
100	58	183

HOLE NO. LG96-140	PAGE 1/6
COLLAR AZIMUTH	180°
COLLAR DIP	-60°
ELEVATION	321.861
LENGTH	410.38

10366.476E, 10080.127N

INTERVAL M ■ Ft □ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	10			OVB	Casing.										
10	222.2			2A	MAFIC FLOWS - medium grey green to dark green Fg to Mg flows; gabbroic,										
					diabasic and porphyritic flow/intrusive material dominate upper portion of unit;										
					generally non-magnetic and weakly calcium carbonatized to locally strongly calcium										
					carbonatized.										
		97	75		10-43 Mg massive diabasic texture; non-magnetic; non-calcium carbonatized; epidote										
					veining toward lower gradational contact.										
		98	85		43-62 Chlorite pseudomorphs hornblende phenocrysts; distinct porphyritic gabbroic										
					texture; non-magnetic; weak calcium carbonatization.										
		99	90		62-66 Gradational calcite flooded contact with carbonatized leucoxene specked										
					massive Mg flow; 1% scattered Mg pyrite.										
		99	90		66-80.6 Mg slightly calcium carbonate bleached flows; non-magnetic,	40590	78.7	80.6	1.9	0.5	<5				
					(mag. sus. = 0.2 x 10^{-3} SI units).	40591	80.6	81.7	1.1	1.0	42				
		99	85		80.6-127.5 Pillowed flows and pillow breccia, moderate to strong calcium	40592	81.7	83.2	1.5	1.0	<5				
					carbonatization; strongly silicified, iron carbonatized upper contact approximately	40593	83.2	84.7	1.5	0.5	<5				
					40° to CA with 1-2% pyrite; non-magnetic flows, upper portion of unit is bleached	40594	84.7	85.5	0.8	0.5	<5				
					with moderately stretched chlorite-calcite-pyrite amygdules; chlorite-epidote filled										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
150	57	186
175	57	
200	56	185
250	56	185

HOLE NO. LG96-140 PAGE 2/6

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					gashes and fractures locally; sharp lower contact 40° to CA with diabasic volcanic.										
		99	92		127.5-190 Massive diabasic flow? or intrusive; non-magnetic upper section,										
					becoming increasinly magnetic at 137.5m; non-calcium carbonatized; generally non-										
					magnetic to weakly magnetic (mag. sus. = 0.4 to 1.1 x 10^{-3} SI); local sections of										
					quartz-calcite-epidote veining; generally non-fractured; non-calcium carbonatized.										
					190-209 WEakly amygduloidal, massive to pillowed dark green, Fg flows; brecciated										
					ragged upper contact; non-magnetic; local calcium-carbonatization. 0.25m lost core										
					at 204.3 with quartz-calcite vein and wall rock breccia (late fault zone).										
		99	90		209-222.2 Fg, dark green, chlorite or leucoxene specked flow; non-magnetic; non-	40595	220.4	222.2	1.8	0.5	<5				
					calcium carbonatized flow; (mag. sus. = 0.4 x 10^{-3} SI units).										
222.2	232.3	96	80	3B, t/5	INTERMEDIATE TUFFS/INTERFLOW SEDIMENTS - medium green, locally well	40596	222.2	223.4	1.2	0.5	<5				
					bedded, very weakly deformed; weak calcium carbonatization; locally minor cherty	40597	223.4	224.9	1.5	1.0	6				
					sections; 1% Mg patchy laminated or disseminated brassy pyrite; local VFg	40598	224.9	226.4	1.5	1.0	6				
					disseminated pyrite; S_1 = 50-60° to CA; non-magnetic (mag. sus. = 0.20 x 10^{-3} SI).	40599	226.4	228.0	1.6	0.5	6				
					224 S_1 = 60° to CA.	40600	228.0	229.5	1.5	1.0	<5				
					228.5 S_1 = 60° to CA.	40601	229.5	231.0	1.5	1.0	6				
					222.7 Pyritic Vqc (0.5cm).	40602	231.0	232.3	1.3	1.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
275	55	--
300	55	189
350	52	190
375	52	–

HOLE NO. LG96-140 PAGE 3/6

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					223.5 Pyritic Vqc (2cm).										
					223.6 0.1m lost core.										
					242.2-244.6 Pyritic breccia.										
232.3	288.8	99	85	2A	MAFIC FLOWS - grey-green to green, locally variolitic amygdaloidal to massive	40603	232.3	234.1	1.8	0.5	<5				
					flows; locally calcium carbonate bleached; local quartz-calcite veining/breccia										
					(barren); non-magnetic; gradational lower contact with foliated sericitized flows	40604	243.4	244.9	1.5	2.0	13				
					at approximately 285m; S_1 = 55° to CA; traces pyrite; minor graphitic layers toward										
					lower contact; sericitized, sheared flows termed 3B, t in previous logs.	40605	287.4	288.8	1.4	0.5	10				
288.8	320.1			GQC/4B, t	GRAPHITE-QUARTZ-CARBONATE/FELSIC ASH TUFF - intercalated deformed	40606	288.8	290.5	1.7	2.0	12				
					GQC, laminated cherty to graphitic tuff/mudstone and pyrite lapilli/nodule tuff;	40607	290.5	292.0	1.5	0.5	<5				
					very strongly developed S_0/S_1 with locally folding/S_2 development; strong iron	40608	292.0	293.5	1.5	0.5	<5				
					carbonate alteration, weak to very weak silicification/sericitization; 1% pyrite as	40609	293.5	295.1	1.6	0.5	<5				
					laminations (upper contact) stretched nodules and patchy aggregates; S_1 = 45-70°	40610	295.1	296.6	1.5	0.5	<5				
					to CA.	40611	296.6	298.1	1.5	1.0	12				
		98	40		288.8-289.7 Strongly deformed pyritic GQC with 5cm graphitic fault gouge at lower	40612	298.1	299.6	1.5	0.5	<5				
					contact, S_1 = 70° to CA; 3-4% pyrite.	40613	299.6	301.1	1.5	1.0	18				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR	400	51	188
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-140 PAGE 4/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
		97	65		289.7-296.8 Weakly graphitic ash to cherty ash tuff; non-mineralized, light	40614	301.1	302.6	1.5	1.0	21				
					grey to black; S_1 = 45° to CA.	40615	302.6	304.2	1.6	0.5	10				
		99	65		296.8-305 Increasing graphitic tuff with bands of deformed GQC; 1-2% pyrite as	40616	304.2	305.7	1.5	2.0	16				
					deformed nodules and local disseminations.	40617	305.7	307.2	1.5	1.0	12				
		99	75		305-310.1 Grey-beige weakly graphitic deformed tuff with 1-2% stretched pyrite	40618	307.2	308.9	1.5	0.5	<5				
					nodules; local incipient breccia texture.	40619	308.9	310.1	1.2	0.5	<5				
					310.1-320.1 Intercalated weakly silicified GQC and weakly pyritic cherty tuff,	40620	310.1	311.5	1.4	1.0	11				
					with pyritic nodules coarse ash tuff; increase in deformation and pyrite introduced	40621	311.5	312.2	0.7	2.0	624				
					along fractures from previous sections of this unit; locally developed S_2 crenulations	40622	312.2	313.3	1.1	0.5	41				
					at low angles to CA up to 60° to CA.	40623	313.3	314.8	1.5	2.0	178				
						40624	314.8	316.4	1.6	0.5	32				
						40625	316.4	317.9	1.5	1.0	16				
						40626	317.9	319.4	1.5	0.5	9				
						40627	319.4	320.1	0.7	0.5	28				
320.1	410.38	98	50	4B, t	FELSIC TUFF - aphanitic to Fg laminated grey to yellow beige; strong iron	40628	320.1	321.0	0.9	1.0	16				
					carbonate alteration; local yellow sericite alteration (carbonate-sericite schist);	40629	321.0	322.5	1.5	0.5	7				
					1-2% pyrite as laminations; nodules and VFg disseminations; local milky white	40630	322.5	324.0	1.5	0.5	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-140 PAGE 5/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					quartz veins (non-mineralized) up to 1 metre long.	40631	324.0	325.5	1.5	0.5	8				
					324 S_1 = 60° to CA.	40632	325.5	327.0	1.5	0.5	6				
					327.5 Chalcopyrite blebs in quartz stringers.	40633	327.0	328.6	1.6	0.6	<5				
					327.5-328.6 80% milky white quartz veining.	40634	328.6	330.1	1.5	1.0	<5				
					328.6-332.7 Grey, sheared intermediate tuff band, lower contact 40° to CA.	40635	330.1	331.6	1.5	1.0	<5				
					332.7 Strong iron carbonate alteration gives yellow-beige colour to core; laminated	40636	331.6	333.1	1.5	1.0	<5				
					sections with VFg pyrite; sparse pyrite nodules.	40637	333.1	334.7	1.6.	0.5	<5				
					342.2-343.3 Quartz-carbonate vein with sericitic selvages locally pyritic.	40638	334.7	336.2	1.5	0.5	<5				
		99	70		343.7-348.1 Bands of grey laminated finely pyritic tuff intercalated with pyrite	40639	336.2	337.7	1.5	0.5	<5				
					lapili tuff; 1-2% pyrite overall.	40640	337.7	339.2	1.5	0.5	21				
					353 S_1 = 40° to CA.	40641	339.2	340.8	1.6	1.0	<5				
					358.5 S_1 = 55° to CA.	40642	340.8	342.3	1.5	0.5	19				
					359.3-359.7 Vqc milky white.	40643	342.3	343.8	1.5	1.0	28				
					363.5 S_1 = 40° to CA.	40644	343.8	345.3	1.5	1.0	10				
		98	60		366.5-372.8 50% folded milky white quartz carbonate veining; pyritic fragments;	40645	345.3	346.9	1.6	2.0	6				
					minor folded pyritic grey quartz-calcite veining; local stingers & disseminations of	40646	346.9	348.4	1.5	2.0	23				
					Mg pyrite; moderate to strong deformation; S_2 = 70° to CA at 268m.	40647	348.4	349.9	1.5	0.5	<5				
		99	75		372.8-377.3 Relatively undeformed, unaltered, laminated iron carbonate-rich tuff;	40648	349.9	351.4	1.5	1.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-140 PAGE 6/6

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					pink tinge throughout.	40649	351.4	353.0	1.6	0.5	<5				
		99	85		377.3-410.38 Iron carbonate-rich tuff with bands of grey-green weakly chloritic tuff;	40650	353.0	354.5	1.5	1.0	<5				
					strongly developed S_1 with very minor local crenulations; S_1 = 40-50° to CA; non-	40651	354.5	356.0	1.5	1.0	12				
					mineralized.	40652	356.0	357.5	1.5	1.0	<5				
					384 S_1 = 45° to CA.	40653	357.5	359.1	1.6	1.0	<5				
					390 S_1 = 50° to CA.	40654	359.1	360.6	1.5	0.5	<5				
					394.3 S_1 = 40° to CA.	40655	360.6	362.1	1.5	0.5	<5				
					395.7 S_1 = 50° to CA.	40656	362.1	363.6	1.5	1.0	<5				
					399 S_1 = 30° to CA.	40657	363.6	365.1	1.5	1.0	<5				
					404.5 Fault gouge, 55° to CA.	40658	365.1	366.6	1.5	1.0	<5				
					407-407.5 Strongly folded laminations, S_2 = 0° to CA as crenulation cleavage	40659	366.6	368.2	1.6	1.0	<5				
					parallel to fold axis.	40660	368.2	369.7	1.5	1.0	<5				
					410.3 S_1 = 45° to CA.	40661	369.7	371.3	1.6	1.0	<5				
						40662	371.3	372.8	1.5	1.0	<5				
						40663	372.8	374.3	1.5	0.5	<5				
						40664	374.3	375.8	1.5	0.5	<5				
	410.38			E.O.H.	End of Hole.	40665	375.8	377.4	1.6	0.5	<5				
						40666	377.4	378.9	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benioit
COMMENCED	July 4/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 8-9, 1996
COMPLETED	July 6/96	CLAIM	821357	LOGGED BY	D. Jamieson
OBJECTIVE	Main Zone	CO-ORD.	18+00E, 0+40N	DDH COM	

10165.66E, 10034.756N

SURVEY DEPTH	DIP	AZIMUTH
30	53	183
50	52	184
75	52	
100	52	185

HOLE NO. LG96-141	PAGE 1/6
COLLAR AZIMUTH	182
COLLAR DIP	54
ELEVATION	307.546
LENGTH	300

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	18			OVB	Casing.										
18	142.0			2A	MAFIC FLOWS - medium to dark green pillowed to massive flows;										
					minor pillow breccia; upper section of unit is faulted and locally										
					bleached; generally non-magnetic and non-calcium carbonatized; massive										
					flows have diabasic or gabbroic textures with local magnetic sections.										
		90	50		32.8-33.5 Clay fault gouge and 0.8m of lost core; zone of grey grown										
					bleached core.										
					37.8-38.4 Quartz-calcite vein.										
					45.1 1.5 metres of lost core; core is calcium carbonatized for several										
					metres on either side of the fault/lost core section.										
		99	95		54.0-100 Flows become coarser grained, gabbroic and diabasic textured;										
					massive with very high RQD, generally non-magnetic.										
					73-77 Slightly coarser grained, magnetic flows mag. sus. 6.2 x 10^{-3} SI units.										
		97	80		100-126.5 Mg massive leucoxene specked flows, non-magnetic, non-calcium										
					carbonatized.										
					117-119 Fault zone rusty broken core/rubble 0.4m of lost core; strong calcium										
					carbonatization.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
150	51	188
175	51	
200	50	189
250	49	190

HOLE NO. LG96-141 PAGE 2/6

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
		100	90		126.5-135.3 Dark green, aphanitic iron tholeiitic flow; weak calcium										
					carbonatization; strong magnetic with mag. sus. up to 15 x 10^{-3} SI units.										
		100	90		135.3-142 Massive Fg leucoxene specked flows, strong calcium carbonatization;										
					non-magnetic, sharp lower contact 60° to Ca.										
142.0	148.4	100	90	3B/5	INTERMEDIATE TUFFS/SEDIMENTS - fine grained grey to olive green, locally										
					laminated or cherty bands 60° to CA; relatively undeformed; strong calcium										
					carbonatization; 1% local pyritic laminations and minor VFg disseminated pyrite;										
					minor graphitic bands toward lower contact.										
148.4	209.7			2A	MAFIC FLOWS - pillowed flows, flow breccia and porphyritic flows; sections of										
					flow breccia and hyaloclastic are locally silicified and magnetic (pyrrhotite?).										
					148.4-155 Coarse calcite-amygdules, bleached with pervasive calcium carbonatized;										
					locally brecciated with graphitic filling; minor disseminated pyrite.										
		99	85		159-161.5 Glomoporphyritic texture (snowflake) as large aggregates of white										
					plagioclase.										
		99	80		161.5-170 Locally silicified pillow breccia; locally magnetic; minor pyrite/										
					pyrrhotite.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-141 PAGE 3/6
PROPERTY	DISTRICT	CONTRACTOR	275	Broken Tube		COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	300	47	MAG	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
		99	85		174-174.7 Glomoporphyritic texture; calcium carbonatized.										
		99	80		174.7-191.6 Weakly amygdaloidal pillowed to massive flows.										
		99	90		191.6-209.7 Flows become weakly foliated, porphyritic and medium grained	40667	208.8	209.7	0.9	0.5	13				
					with local olive green pervasive epidote alteration, non-magnetic, moderately										
					calcium carbonatized; weakly graphitic toward contact; possibly termed 3B, t (in										
					previous logs).										
209.7	223.2	99	80	GQC/4B, t	GRAPHITE-QUARTZ-CARBONATE/FELSIC ASH - modeately deformed, locally	40668	209.7	211.2	1.5	1.0	13				
					pyritic, locally sericitized and silicified, minor milky white quartz veining;	40669	211.2	212.8	1.6	1.0	11				
					S_1 = 45-60° to CA.	40670	212.8	214.3	1.5	2.0	12				
					211.0-211.6 Strongly folded graphitic tuff and GQC; fold axes 85° to CA; 2% brown	40671	214.3	215.8	1.5	1.0	10				
					Fg pyrite.	40672	215.8	217.3	1.5	1.0	17				
					214.6 Contact between GQC & tuff 45° to CA.	40673	217.3	218.9	1.6	1.0	18				
					214.6-215.6 Silicified GQC, 1% pyrite.	40674	218.9	220.4	1.5	1.0	11				
					217.4-219.6 Strong mustard yellow sericitization, S_1 = 50° to CA.	40675	220.4	221.8	1.4	1.0	24				
					221 S_2 = 85° to CA.	40676	221.8	223.2	1.4	1.0	35				
					222.6-222.8 Fault gouge 80° to CA; highly graphitic with quartz fragments; part										
					of lower faulted contact with massive cherty tuff.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO.LG96-141 PAGE 4/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
223.2	232.6	98	50	4B, t	FELSIC CHERTY ASH TUFF - light to dark grey, moderately microbrecciated	40677	223.2	224.9	1.7	0.5	<5				
					cherty, silicified aphanitic tuff; minor pyritic quartz-calcite veinlets 40-60° to CA;	40678	224.9	226.4	1.5	0.5	<5				
					S_1 = 45-60° to CA; weak calcium carbonatization.	40679	226.4	228.0	1.6	0.5	22				
						40680	228.0	229.5	1.5	0.5	<5				
						40681	229.5	231.0	1.5	0.5	<5				
						40682	231.0	232.6	1.6	0.5	<5				
232.6	236.8	98	40	GQC/4B, t	GRAPHITE-QUARTZ-CARBONATE/FELSIC TUFF - weakly deformed graphitic	40683	232.6	234.1	1.5	1.0	9				
					sediments and tuff intercalated with grey ash tuff; S_1 = 45-60° to CA; local weak	40684	234.1	235.6	1.5	1.0	18				
					silicification, 1% broken pyritic laminations.	40685	235.6	236.8	1.2	1.0	25				
					225.6 Fine needles of arsenopyrite disseminated in beige unaltered tuff, sharp										
					lower contact 40° to CA.										
236.8	266.8	100	80	4B, t	FELSIC TUFF - grey, fine ash to lapilli ash tuff; well bedded at 45° to CA;	40686	236.8	237.7	0.9	2.0	266				
					relatively undeformed and unaltered; with bands of weakly deformed or brecciated;	40687	237.7	238.6	0.9	0.5	7				
					locally cherty, quartz-calcite veined pyritic sections.	40688	238.6	240.2	1.6	0.5	26				
					236.8-237.3 2% disseminated to laminated pyrite; minor Vqc.	40689	240.2	241.7	1.5	0.5	106				
					244.7 0.2m lost core.	40690	241.7	243.2	1.5	0.5	8				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-141 PAGE 5/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					247.2-248 Quartz-calcite flooding with 1% VFg to Fg disseminated pyrite.	40691	243.2	244.7	1.5	0.5	<5				
					253-254 Grey cherty laminated tuff with 1% laminated pyrite.	40692	244.7	246.3	1.6	0.5	<5				
					259.5 S_1 = 50° to CA.	40693	246.3	247.1	0.8	0.5	6				
					266 S_1 = 55° to CA.	40694	247.1	248.2	1.1	1.0	102				
						40695	248.2	249.3	1.1	0.5	10				
						40696	249.3	250.8	1.5	0.5	<5				
						40697	250.8	252.4	1.6	0.5	6				
						40698	252.4	253.9	1.5	1.0	24				
						40699	253.9	255.4	1.5	0.5	<5				
						40700	255.4	256.9	1.5	0.5	<5				
						40701	256.9	258.5	1.6	0.5	<5				
266.8	300	97	60	3B, t	INTERMEDIATE TUFF - sharp contact 55° with felsic tuff; medium green,										
					laminated, Fg chloritic tuff; moderate to strong calcium carbonatization; local										
					iron carbonate-sericite alteration associated with milky white quarta-carbonate										
					veining, minor Fg pyrite with grey quartz-calcite veinlets.										
					267.8 S_1 = 55° to CA.										
					272.2 S_1 = 50° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-141 PAGE 6/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					279.5 S_1 = 45° to CA.										
					280.4-282.5 25% quartz carbonate veining, iron carbonate-sericite alteration;										
					S_1 = 50° to CA.										
					285.5-288 Sections of badly broken core; relatively unaltered but with strong	40702	288.9	290.4	1.6	0.5	<5				
					calcium carbonatization.	40703	290.4	292.0	1.6	1.0	<5				
					291.7-292.0 Grey quartz-calcite veining; 1% VFg pyrite.	40704	292.0	293.5	1.5	0.5	<5				
					294.6 Folded grey quartz-calcite veinlet; minor Fg pyrite.	40705	293.5	295.1	1.6	1.0	<5				
					296 Folded grey quartz-calcite veinlet; 1% Fg pyrite.	40706	295.1	296.6	1.5	0.5	8				
					297.8 Grey (graphitic??) fault gouge (0.5cm) with pyrite fragments 45° to CA.	40707	296.6	298.1	1.5	0.5	<5				
						40708	298.1	300.0	1.9	0.5	<5				
	300			E.O.H.	END OF HOLE.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	July 6/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 9, 1996
COMPLETED	July 9/96	CLAIM	800274	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	22+00E, 0+00	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
50	54	MAG
75	54	
100	53	185
150	52	188

HOLE NO. LG96-142	PAGE 1/6
COLLAR AZIMUTH	183
COLLAR DIP	-55
ELEVATION	
LENGTH	304.19

INTERVAL M ☒ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
0	35.61			OVB	Casing.										
35.61	128	94	60	2A	MAFIC FLOWS - dark green, massive gabbroic to aphanitic leucoxene specked										
					or Fe-tholeiitic flows; numerous sections of faulting in upper portion of unit, with										
					lost core/rubbly core; weak to strong calcium carbonatization; local strongly magnetic										
					flows.										
					38.5 0.4m lost core.										
					42-43.7 Badly broken core.										
					49.5-55.9 Badly broken core, 0.4m lost core.										
					64.9 Rubble, 0.4m lost core.										
					68.5-73 Badly broken core, 2m lost core.										
					80.5-84 Gabbroic, weakly magnetic flows, calcium carbonatized.										
					84-99 Dark green, non-magnetic pillowed volcanics, calcium carbonatized.										
					99-108 Strongly magnetic Fe tholeiitic flow, weak calcium carbonatization, mag.										
					sus. up to 33 x 10^{-3} SI units.										
					108-128 Fg massive, non-magnetic flows; weak to non-caclium carbonatized; coarse	40709	125.9	127.4	1.5	0.5	<5				
					chalcopyrite in glossy quartz vein at 117.8; core becomes bleached toward lower	40710	127.4	128.0	0.6	1	<5				
					contact.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-142 PAGE 2/6
PROPERTY	DISTRICT	CONTRACTOR	175	52		COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	200	50	187	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	250	49	189	ELEVATION
OBJECTIVE	CO-ORD.	DDH COM	275	49		LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
128	169.8	97	60	3B, t/5E	INTERMEDIATE TUFF/TURBIDITIC SEDIMENTS - weakly sericitized relatively	40711	128.0	128.9	0.9	2	<5				
					undeformed beige, slightly cherty tuff with graphitic laminations and local deformed	40712	128.9	130.5	1.6	1	<5				
					GQC; upper contact and S_1 = 70° to CA; calcium carbonatized throughout.	40713	130.5	132.0	1.5	0.5	<5				
					128-129.7 1-2% broken pyrite laminations mainly in GQC; minor pyritic milky white										
					quartz veining.										
					133.4 S_1 = 45° to CA.										
					137.9 S_0/S_1 = 65° to CA.										
					140.0 S_0/S_1 = 85° to CA.										
					146.9 S_0/S_1 = 75° to CA.										
					151 S_0/S_1 = 60° to CA.										
					151.5 0.4m lost core.										
					159.5 S_0/S_1 = 70° to CA.										
					164 S_0/S_1 = 60° to CA.										
169.8	194.7	99	75	2A	MAFIC FLOWS - Medium green, strong calcium carbonatized pillowed flows and										
					pillow breccia; gradational upper contact; flows become increasingly bleached toward	40714	192.9	194.7	1.8	0.5	<5				
					lower contact; gradational lower contact with felsic to intermediate tuff.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-142 PAGE 3/6
PROPERTY	DISTRICT	CONTRACTOR	300	48	191	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
194.7	252.4			4B, t/GQC	FELSIC ASH TUFF/GRPAHITE-QUARTZ-CARBONATE - grey to beige weakly	40715	194.7	195.9	1.2	0.5	<5				
					sericitized, iron carbonatized, openly folded local graphitic sections; sections of	40716	195.9	197.5	1.6	0.5	<5				
					badly broken core with fracturing and core angles sub-parallel to core axis.	40717	197.5	199.2	1.7	1	<5				
					198.6-199.2 Graphitic slips/broken core/fault gouge; 1% pyrite; fault 75° to CA.	40718	199.2	200.6	1.4	0.4	<5				
					205 S_1 = 25° to CA.	40719	200.6	202.1	1.5	1	<5				
					207.6 Tuff becomes increasingly graphitic, cherty, microbrecciated.	40720	202.1	203.6	1.5	0.5	<5				
					210 S_1 = 80° to CA.	40721	203.6	205.1	1.5	0.5	<5				
					210.0-211.5 Broken/lost core (0.2m)/GQC strongly deformed.	40722	205.1	206.7	1.6	0.5	<5				
		98	60		211.5-219 Openly folded with much of the section at very low angles to CA (fold	40723	206.7	208.2	1.5	1	<5				
					nose); grey, muddy tuff with quartz vein/silicified layers; local bright yellow sericite	40724	208.2	209.7	1.5	0.5	<5				
					alteration; 10% Fg pyrite with trace chalcopyrite from 213.9-214.3; 1-2% pyrite	40725	209.7	211.2	1.5	1	<5				
					throughout as nodules or broken laminations. S_2 crenulation cleavage developed	40726	211.2	212.8	1.6	1	<5				
					locally at 45° to CA.	40727	212.8	214.3	1.5	3	17				
		98	40		219-229.3 Beige iron carbonate-sericite-rich lapilli to ash tuff; S_1 at low angles	40728	214.3	215.8	1.5	1	11				
					to core; S_2 = 45° to CA; 20% milky white quartz veins; low RQD; minor pyrite.	40729	215.8	217.3	1.5	2	29				
					229.3-238.2 Moderately deformed, openly folded silicified, sericitized iron carbonate	40730	217.3	218.9	1.5	2	35				
					with tuff, graphitic tuff and GQC; 5-10% milky white quartz veining; 1-2% pyrite	40731	218.9	220.4	1.5	0.5	<5				
					as broken Fg laminations and disseminated VFg pyrite; trace arsenopyrite.	40732	220.4	221.9	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-142 PAGE 4/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					228.8-229.3 Strongly sericitized, very low S_0/S_1 to CA; patchy strong	40733	221.9	223.4	1.5	1	15				
					VFg pyrite mineralization.	40734	223.4	225.0	1.6	0.5	18				
					229.3-233 Slightly cherty, silicified brecciated tuff, very low core angles;	40735	225.0	226.5	1.5	0.5	<5				
					1% Fg pyrite along fracture/shear planes, milky white quartz vein 232.4-	40736	226.5	228.0	1.5	0.5	<5				
					232.6.	40737	228.0	229.5	1.5	1	<5				
					233-238.2 Graphitic brecciated cherty silicified tuff locally sericitized	40738	229.5	231.0	1.5	1	14				
					(mustard yellow); deformed, with S_1 = 0-30° to CA; 0.5% arsenopyrite	40739	231.0	232.5	1.5	1	134				
					needles (Fg) from 234.8-235.1; 1-2% Fg pyrite along shear planes/	40740	232.5	234.1	1.5	1	<5				
					laminations.	40741	234.1	235.6	1.5	2	10				
		97	75		238.2-242.6 Strongly sericitized (mustard yellow) deformed/S_2 fold axis 45° to CA);	40742	235.6	237.1	1.5	2	24				
					silicified laminations S_1 = 0-30° to CA; 1% VFg to Fg disseminated pyrite.	40743	237.1	238.2	1.1	1	648				
					242.6-247.8 Grey, beige, weakly silicified tuff, minor weakly pyritic grey-white	40744	238.2	239.2	1.0	1	186				
					quartz flooding/layers; 1% pyrite; S_1 = 0-30° to CA increasing toward lower contact.	40745	239.2	240.2	1.0	1	122				
					247.8-252.4 Milky quartz-carbonate veins with pyritic tuff selvages/broken core;	40746	240.2	241.7	1.5	1	35				
					grey-green chloritic stringers in quartz veins.	40747	241.7	243.2	1.5	1	298				
						40748	243.2	244.7	1.5	1	19				
						40749	244.7	246.3	1.6	0.5	<5				
						40750	246.3	247.8	1.5	0.5	<5				
						40751	247.8	249.4	1.6	1	131				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-142 PAGE 5/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
252.4	280.3	100	85	4B, lt	FELSIC LAPILLI TUFF - grey beige coarse lapilli (lapilli stone) tuff with local										
					bomb size fragments well bedded/stretched (S_0/S_1) at low angle to CA; local tight										
					small scale S_1; fold noses evident, with fold axis sub-parallel to S_0/S_1 10-40° to CA;										
					gradational lower contact with chloritic lapilli tuff (alteration contact); generally										
					unaltered and non-mineralized.										
					255 S_1 = 5° to CA.										
					259 S_1 = 10° to CA.										
					265.8-267.5 Minor pyritic grey quartz-calcite flooding, S_1 = 35° to CA.	40752	264.6	266.1	1.5	0.5	99				
					275 S_1 = 35° to CA.	40753	266.1	267.6	1.5	0.5	133				
					279.8 S_2 fold nose at 10° to CA.										
280.3	304.19	100	85	3B, lt	INTERMEDIATE LAPILLI TUFF - medium to dark green chloritic tuff with local										
					beige iron-carbonate-sericite alteration; weak calcium carbonatization, S_1 = 35-45°										
					to CA.										
					281.3 S_2 fold axis in tight fold 5° to CA.										
					282.6 S_1 = 35° to CA.										
					283.8 S_2 fold axis, 10° to CA.	40754	287.4	289.0	1.6	1	7				
					288.4-288.7 Quartz-sericite alteration, 1% pyrite.	40755	289.0	290.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-142 PAGE 6/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					291.3 S_1 = 40° to CA.	40756	301.1	302.6	1.5	0.5	<5				
					296 S_1 = 45° to CA.	40757	302.6	304.2	1.6	0.5	<5				
					301-304.2 Sericite-iron-carbonate alteration, 5% milky white quartz veining; 0.5%										
					pyrite.										
	304.19			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	July 26, 1996	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Aug. 1 - /96
COMPLETED	July 29, 1996	CLAIM	800275	LOGGED BY	D. Jamieson
OBJECTIVE	I.P. #5	CO-ORD.	22+00E, 3+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
66	55	184
75	54	
100	51	MAG
150	52	189

HOLE NO. LG96-143	PAGE 1/8
COLLAR AZIMUTH	182
COLLAR DIP	-55
ELEVATION	
LENGTH	331.62

INTERVAL M ■ Ft □ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	56			OVB	Casing.										
56	69.6	85	80	4B, t	FELSIC TUFF - yellow-beige, strong iron carbonate sericite alteration; 5-10% grey to										
					milky white quartz carbonate veinlets; sections of badly broken lost core and minor										
					fault gouge; silicification and VFg pyrite mineralization at lower contact.										
					56-57.3 0.5m lost core.	40974	60.4	61.9	1.5	0.5	<5				
					60.35-63.4 S_1 = 30° to CA.	40975	61.9	63.4	1.5	0.5	<5				
					63.4-66.45 8m lost core, S_1 = 30° to CA.	40976	63.4	66.5	3.1	0.5	<5				
					66-69.6 Silicified with 1-2% VFg pyrite, S_1 = 40° to CA.	40977	66.5	68.0	1.5	0.5	<5				
					69.6 Sharp lower contact 70° to CA.	40978	68.0	69.6	1.6	1.0	<5				
69.6	77	75	30	5A/ F.Z.	GRAPHITIC ARGILLITE - highly graphitic, pyritic locally deformed; numerous	40979	69.6	72.5	2.9	2.0	14				
					graphitic slips and sections of badly broken/lost core.	40980	72.5	74.0	1.5	2.0	6				
					70.5 S_1 = 75° to CA.	40981	74.0	75.6	1.6	2.0	10				
					73 S_1 = 70° to CA.	40982	75.6	77.0	1.4	1.0	9				
					75.6-77 Milky white quartz veining/lost core/fault breccia.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	53	
200	53	191
250	51	MAG
275	52	

HOLE NO. LG96-143 PAGE 2/8

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
77	92.4	96	70	4B, t-lt	FELSIC TUFF - strongly developed yellow sericite S_1 foliation with local tight	40983	77.0	79.0	2.0	0.5	<5				
					folds; sericitization decreases toward lower contact as unit becomes a mottled yellow	40984	79.0	81.6	2.6	0.5	11				
					grey colour with diffuse fragments.	40985	81.6	83.2	1.6	0.5	<5				
					78.5-79 0.2m lost core/fault z.one	40986	83.2	84.7	1.5	0.5	10				
					79.0-81.7 Strong developed yellow sericite S_1 = 70-85° to CA; minor S_2 fold axis;	40987	84.7	86.2	1.5	0.5	7				
					2-3% grey quartz-calcite veinlets with minor pyrite.	40988	86.2	87.8	1.6	0.5	112				
					81.7-83.2 Grey-yellow deformed sericitized tuff.										
					83.2-92.4 Grey, mottled, deformed, sericitized lapilli tuff; local bombs.										
					88 S_1 = 75° to CA.										
					91 S_1 = 70° to CA.										
92.4	222.2	99	85	4B, frag.	FELSIC FRAGMENTAL - coarse heterolithic, yellow sericitic mudstone rich										
					fragmental typical of the Victoria Creek deposit. Well developed bedding/stretching										
					foliation.										
					94 S_0/S_1 = 65° to CA.										
					100 S_0/S_1 = 65° to CA.										
					106 S_0/S_1 = 65° to CA.										
					109 S_0/S_1 = 55° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
300	52	MAG

HOLE NO. LG96-143	PAGE 3/8
COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					113 S_0/S_1 = 60° to CA.	40989	119.7	121.3	1.6	3.0	24				
					118 S_0/S_1 = 45° to CA.	40990	121.3	122.8	1.5	0.5	6				
					120.2 Semi-massive pyrite in graphitic band, 10cm wide, 50° to CA , may represent	40991	122.8	124.4	1.6	0.5	<5				
					top of finely upward sequence in fragmentals, indicating tops uphole.	40992	124.4	125.9	1.5	0.5	11				
					121.5 S_0/S_1 = 40° to CA.	40993	125.9	127.4	1.5	0.5	7				
					125 S_0/S_1 = 55° to CA.	40994	127.4	128.9	1.5	1.0	16				
					128 S_0/S_1 = 50° to CA.	40995	128.9	130.5	1.6	0.5	<5				
					133.5 S_0/S_1 = 60° to CA.	40996	130.5	132.0	1.5	0.5	6				
					136.6 S_0/S_1 = 65° to CA.	40997	132.0	133.5	1.5	0.5	<5				
					136.6-137.9 Fabric of fragmentals becomes poorly defined, as S_0/S_1 is in transition										
					from high core angles to very low core angles; this would appear to be fold hinge										
					area; fragments show little orientation or stretching in this area.										
					139 S_0/S_1 = 0° to CA.										
					143 S_0/S_1 = 0° to CA.										
					148 S_0/S_1 = 5° to CA.										
					152 S_0/S_1 = 5° to CA.										
					158 S_0/S_1 = 15° to CA.										
					164 S_0/S_1 = 10° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-143 PAGE 4/8
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					170 S_0/S_1 = 0° to CA, weakly developed.										
					176 S_0/S_1 = 10° to CA.										
					182.0 S_0/S_1 = 15° to CA.										
					187 S_0/S_1 = 35° to CA, slightly crenulated.										
					191.5 S_0/S_1 = 35° to CA.										
					197.5 S_0/S_1 = 15° to CA, S_2 = 60° to CA; S+C structures developing.										
					201 S_0/S_1 = 55° to CA.										
					204 S_2 = 50° to CA..										
					207 S_2 = 50° to CA.										
					210 S_0/S_1 = 5° to CA; S_2 = 35° to CA.										
					214.3 S_0/S_1 = 5° to CA; S_2 = 45° to CA.										
					218.5 S_2 = 50° to CA.										
					222 S_0/S_1 = 40° to CA..										
					222.2 Sharp lower contact 40° to CA.	40998	220.4	222.2	1.8	0.5	<5				
222.2	234.8	90	40	5A, 4B, frag.	GRAPHITIC ARGILLITE/FELSIC FRAGMENTAL - deformed, with local fault	40999	222.2	223.4	1.2	1.0	<5				
					gouge/broken core/lost core; 5% milky white quartz veining; minor pyrite laminations	41000	223.4	224.9	1.5	1.0	5				
					or VFg pyrite disseminations.	39001	224.9	226.4	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-143 PAGE 5/8
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					222.2-224.84 1m lost core.	39002	226.4	228.0	1.6	0.5	<5				
					225.0 S_1 = 60° to CA; 228.6 graphitic gouge, 45° to CA.	39003	228.0	229.5	1.5	0.5	7				
					229 S_0/S_1 = 25° to CA.	39004	229.5	231.0	1.5	0.5	<5				
					232 S_0/S_1 = 60° to CA.; S_2 = 20° to CA.	39005	231.0	232.5	1.5	1.0	<5				
					234.1 0.1m fault gouge.	39006	232.5	233.8	1.3	1.0	9				
						39007	233.8	234.8	1.0	2.0	30				
234.8	247	98	50	4B, frag/5A	FELSIC FRAGMENTAL/GRAPHITIC ARGILLITE - openly folded fine to coarse	39008	234.8	235.6	0.8	1.0	7				
					fragmental with minor graphitic argillite or GQC bands; minor bands of wacke grade	39009	235.6	237.1	1.5	0.5	<5				
					into fragmental; sections of badly broken core.	39010	237.1	238.6	1.5	1.0	6				
					235.6 S_0/S_1 = 0° to CA.	39011	238.6	240.2	1.6	0.5	<5				
					238.5 S_0/S_1 = 25° to CA.	39012	240.2	241.7	1.5	1.0	<5				
					241 S_0/S_1 = 15° to CA.	39013	241.7	243.2	1.5	1.0	<5				
					244 open fold nose S_0/S_1 = 0° to CA.	39014	243.2	244.7	1.5	0.5	<5				
					244.5 S_0/S_1 = 45° to CA.	39015	244.7	246.3	1.6	0.5	<5				
					246 S_0/S_1 = 45° to CA.	39016	246.3	247.0	0.7	1.0	13				
					247 S_0/S_1 = 45° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-143 PAGE 6/8
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
247	303.7	99	80	4B, frag	FELSIC FRAGMENTAL - upper portion of unit is weakly folded, fine fragmental	39017	247.0	249.0	2.0	0.5	10				
					lithic wacke, possibly representing the top portion of a fining upward sequence										
					(tops uphole); lower portion is coarse sericitic mudstone rich fragmental.										
					247.5 S_0/S_1 = 45° to CA.										
					252 S_0/S_1 = 35° to CA.										
					253 S_2 = 65° to CA.										
					256 S_0/S_1 = 30° to CA.										
					259 S_0/S_1 = 30° to CA.										
					263 S_0/S_1 = 30° to CA.										
					267 S_0/S_1 = 20° to CA.										
					271 S_0/S_1 = 45° to CA.										
					276 S_0/S_1 = 30° to CA.										
					279 Open fold nose.										
					282 S_0/S_1 = 45° to CA.										
					290 S_0/S_1 = 45° to CA.										
					292.5 S_0/S_1 = 55° to CA.										
					297 S_0/S_1 = 45° to CA.										
					300 S_0/S_1 = 30° to CA.	39018	301.1	302.6	1.5	0.5	<5				
					303 S_0/S_1 = 30° to CA.	39019	302.6	303.7	1.1	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-143 PAGE 7/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
303.7	313.3			5A	GRAPHITIC ARGILLITE - highly graphitic, undeformed with local quartz veining/	39020	303.7	304.2	0.5	2.0	<5				
					flooding; sharp upper contact 70° to CA; 2-5% finely disseminated or laminated	39021	304.2	305.7	1.5	2.0	<5				
					pyrite.	39022	305.7	307.2	1.5	2.0	9				
					304.5 S_0/S_1 = 60° to CA.	39023	307.2	308.9	1.5	2.0	24				
					307.5 S_0/S_1 = 30° to CA.	39024	308.9	310.3	1.4	2.0	37				
					309 S_2 fracture cleavage 45° to CA.	39025	31.03	311.8	1.5	2.0	<5				
						39026	311.8	313.3	1.5	2.0	7				
313.3	324.8	99	60	4B, frag/5A	FELSIC FRAGMENTAL/GRAPHITIC ARGILLITE - intercalated graphitic units	39027	313.3	314.8	1.5	1.0	<5				
					with sericitic mudstone fragmental; local tight to open folds, with white quartz	39028	314.8	316.4	1.6	2.0	<5				
					carbonate flooding/veining.	39029	316.4	317.9	1.5	0.5	<5				
					316 S_0/S_1 = 80° to CA.	39030	317.9	319.4	1.5	0.5	8				
					320 S_0/S_1 = 55° to CA.	39031	319.4	320.9	1.5	0.5	7				
					324 S_0/S_1 = 65° to CA.	39032	320.9	322.5	1.6	1.0	10				
						39033	322.5	324.0	1.5	1.0	<5				
						39034	324.0	324.8	0.8	1.0	5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-143 PAGE 8/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
324.8	331.62	98	60	5A	GRAPHITIC ARGILLITE - folded, laminated highly graphitic argillite; local	39035	324.8	325.5	0.7	1.0	56				
					fault slips/GQC.	39036	325.5	327.0	1.5	1.0	7				
					328 S_0/S_1 = 60° to CA.	39037	327.0	328.6	1.6	1.0	9				
					330.2 Open fold nose, S_0/S_1 = 0° to CA.	39038	328.6	330.1	1.5	1.0	<5				
					331.5 S_0/S_1 = 40° to CA.	39039	330.1	331.6	1.5	1.0	<5				
	331.62			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	July 24/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 26/96
COMPLETED	July 26/96	CLAIM	800276	LOGGED BY	D. Jamieson
OBJECTIVE	I.P. #5	CO-ORD.	22+00E, 5+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
60m	56	187
75	56	
100	56	192
150	57	193

HOLE NO. LG96-144	PAGE 1/8
COLLAR AZIMUTH	185
COLLAR DIP	-55
ELEVATION	
LENGTH	292.0

INTERVAL M ■ Ft □		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
0	4.0			OVB	Casing										
4.0	44.1	97	70	4B, frag	FELSIC FRAGMENTAL - coarse, heterolithic subround volcanic/sedimentary	40901	4.0	5.5	1.5	0.5	10				
					fragments dominated by yellow sericitic mudstone; minor pyrite fragments, local	40902	5.5	7.0	1.5	0.5	11				
					boulder sized fragments; lower contact 45° to CA.	40903	7.0	8.5	1.5	0.5	7				
					4.0-9.8 Finer deformed phase of fragmental ; grey, weakly graphitic locally	40904	8.5	9.8	1.3	0.5	9				
					laminated fine tuff; absence of sericitic yellow mudstone fragments; S_1 = 50° to CA;	40905	9.8	11.6	1.8	1.0	8				
					0.2m lost core from 5.49 to 8.53.	40906	11.6	13.1	1.5	1.0	<5				
					9.8-44.1 Coarse fragmental, relatively undeformed; local quartz-calcite flooding/	40907	13.1	14.6	1.5	1.5	<5				
					veining with minor pyrite.	40908	14.6	16.1	1.5	1.0	<5				
					0.2 m lost core from 8.53 to 11.58.										
					14 S_0/S_1 = 60° to CA.	40909	26.8	28.3	1.5	0.5	5				
					22 S_0/S_1 = 55° to CA.	40910	28.3	29.9	1.4	0.5	<5				
					26.5 S_0/S_1 = 45° to CA.	40911	29.9	30.4	1.5	1.0	108				
					29.8-31.8 Patchy quartz-calcite flooding; minor pyrite; S_0/S_1 = 60° to CA.	40912	30.4	32.9	1.5	0.5	11				
					35 S_0/S_1 = 50° to CA.										
					40 S_0/S_1 = 45° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	57	
200	57	197
250	55	200

HOLE NO. LG96-144 PAGE 2/8
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
44.1	67.7	95	50	5A, 5C	GRAPHITIC ARGILLITE/LITHIC WACKE - well bedded, relatively undeformed	40913	44.1	45.1	1.0	1.0	6				
					sediments with local quartz banding ribbons (GQC); sections of badly broken core,	40914	45.1	46.6	1.5	1.0	<5				
					lost core, deformation and minor quartz flooding indicate fault zone toward lower	40915	46.6	48.2	1.6	1.0	<5				
					contact; minor variations in S_0/S_1 indicate very open folding; pyrite laminations	40916	48.2	497	1.5	1.0	6				
					common, but not abundant; highly graphitic sections.	40917	49.7	51.2	1.5	1.0	6				
					46.6 S_0/S_1 = 55° to CA.	40918	51.2	53.7	1.5	1.0	7				
					50 S_0/S_1 = 65° to CA; 0.2m lost core from 48.16 to 51.21.	40919	53.7	54.3	1.6	0.5	<5				
					52.7-56.5 Lithic wacke with minor graphitic bands, S_0/S_1 = 45-60° to CA.	40920	54.3	55.8	1.5	0.5	<5				
					57 S_0/S_1 = 30° to CA, pyritic bands increase.	40921	55.8	57.3	1.5	1.0	6				
					60-67.7 Core becomes badly broken; 0.6m lost core from 60.35 to 63.4; 1.1m lost	40922	57.3	58.8	1.5	1.0	<5				
					core from 63.4 to 66.45.	40923	58.8	60.4	1.6	1.0	<5				
					66.45-67.7 2-3% contorted pyrite laminations quartz-flooding gouge toward lower	40924	60.4	61.9	1.5	1.0	<5				
					contact.	40925	61.9	63.4	1.5	0.5	6				
						40926	63.4	66.5	3.1	1.0	8				
						40927	66.5	67.7	1.2	2.0	10				
67.7	81.1	99	90	4B, frag	FELSIC FRAGMENTAL - coarse, heterolithic unit with no sericitic mudstone	40928	67.7	69.5	1.8	1.0	<5				
					fragments in upper portion of unit, giving a mottled appearance with little contrast	40929	69.5	71.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-144 PAGE 3/8
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					between fragments and matrix, high angles, broken lower contact with graphitic	40930	71.0	72.5	1.5	1.0	<5				
					sediments; minor pyritic fragments/mineralization.										
81.1	124.8	98	45	5A, 5C	GRAPHITIC ARGILLITE/LITHIC WACKE - openly folded, with upper portion of										
					unit having S_0/S_1, sub-parallel to CA; intercalated with sections of fine, heterolithic										
					fragmental with sericitic mudstone fragments; lower portion of unit has S_0/S_1 at high										
					angles to CA, increased deformation (development of GQC) and numerous sections of										
					badly broken/lost core; pyritic laminations and local finely disseminated pyrite with										
					milky white quartz veining/flooding increases toward lower contact; traces										
					chalcopyrite in milky white quartz veinlets.										
					81.7 S_0/S_1 = 40° to CA.										
					86 S_0/S_1 = 15° to CA.										
					90 S_0/S_1 = 5° to CA.										
					92.3-97.4 Fine fragmental S_0/S_1 0-15° to CA.										
					97.5 S_0/S_1 = 5° to CA.										
					100 S_0/S_1 = 15° to CA, 0.6m lost core from 99.97 to 103.02.										
					106 S_0/S_1 = 5° to CA.	40931	112.2	113.7	1.5	0.5	<5				
					110 S_0/S_1 = 5° to CA.	40932	113.7	115.2	1.5	1.0	5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-144 PAGE 4/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					110.8-113.4 Fine fragmental S_0/S_1 = 10° to CA.	40933	115.2	116.7	1.5	1.0	9				
					115 S_0/S_1 = 5° to CA.	40934	116.7	118.3	1.6	1.0	7				
					116.1 Core angles increase dramatically in a zone of badly broken core.	40935	118.3	119.8	1.5	1.0	<5				
					117 S_0/S_1 = 50° to CA in a fine fragmental; 0.3m lost core from 115.21 to 118.26.	40936	119.8	121.3	1.5	0.5	<5				
					123 S_0/S_1 = 75° to CA.	40937	121.3	122.8	1.5	2.0	<5				
					124.8 Gradational contact with fine fragmental.	40938	122.8	124.8	2.0	1.0	<5				
124.8	148.5	99	75	4B, frag	FELSIC FRAGMENTAL - coarse, heterolithic with abundant yellow sericitic	40939	124.8	125.8	1.0	0.5	<5				
					mudstone; fragments are generally subangular; poorly developed S_0/S_1 bedding/	40940	125.8	127.4	1.6	0.6	<5				
					stretching, but fragments tend to be lineated sub-parallel to core axis.										
148.5	171.9	99	85	5C, 4B, frag	LITHIC WACKE/FELSIC FRAGMENTAL - locally graphitic with disrupted bedding										
					due to slumping; wacke grades into fine fragmental units; minor local brittle										
					microfracturing; quartz-carbonate veinlets; sharp upper contact 30° to CA.	40941	160.9	162.4	1.5	0.5	<5				
					150 S_0/S_1 = 30° to CA.	40942	162.4	164.0	1.6	1.0	<5				
					161 S_0/S_1 = 35° to CA.	40943	164.0	165.4	1.4	0.5	<5				
					163.2 2cm carbonate-sericite band with 5% finely disseminated pyrite, 45° to CA.	40944	165.4	167.0	1.6	0.5	<5				
					164.7 2cm quartz-carbonate vein (late) with specks chalcopyrite; 45° to CA.	40945	167.0	168.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-144 PAGE 5/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					167.5 Sharp 30° contact between fine volcaniclastic sediment and coarse fragmental.	40946	168.5	170.0	1.5	0.5	<5				
					171.9 Sharp fragmental/graphitic tuff, contacts 30° to CA.	40947	170.0	171.9	1.9	1.0	<5				
171.9	190.3	99	60	5A, 5C	GRAPHITIC ARGILLITE/LITHIC WACKE - rhythmically layered bands of graphitic	40948	171.9	173.1	1.2	1.0	<5				
					argillite and fine grained wacke; 3-5% pyrite overall as pyritic disseminations	40949	173.1	174.6	1.5	0.5	<5				
					and laminations; relatively undeformed; minor milky white quartz-carbonate veining;	40950	174.6	176.2	1.6	0.5	<5				
					contorted layering (GQC) very sharp lower conact with QFP at 70° to CA.	40870	176.2	177.7	1.5	0.5	<5				
					174 S_0/S_1 = 35° to CA.	40871	177.7	179.2	1.5	0.5	10				
					179 S_0/S_1 = 35° to CA; blebs chalcopyrite 180.8.	40872	179.2	180.7	1.5	1.0	7				
					182 S_0/S_1 = 40° to CA.	40873	180.7	182.3	1.6	0.5	<5				
					185.5 S_0/S_1 = 40° to CA.	40874	182.3	183.8	1.5	1.0	<5				
					185-190.3 Increase in pyrite with minor development of GQC bands; S_0/S_1 = 60°	40875	183.8	185.3	1.5	1.0	8				
					to CA.	40876	185.3	186.8	1.5	3.0	10				
						40877	186.8	188.4	1.6	3.0	18				
						40878	188.4	190.3	1.9	4.0	<5				
190.3	227.2	98	65	8C	QUARTZ-FELDSPAR PORPHYRY - typical yellow-beige large quartz phenocrysts	40879	190.3	191.4	1.1	0.5	<5				
					porphyry; several sections of milky white quartz-carbonate veining; minor finely	40880	191.4	192.9	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-144	PAGE 6/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORD.	DDH COM				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					disseminated pyrite throughout unit generally increasing to 1% toward lower contact;	40881	209.7	211.2	1.5	0.5	<5				
					weak silicification toward lower contact; one narrow section of quartz veining/massive	40882	211.2	212.7	1.5	0.5	<5				
					graphite may represent a fault zone through the porphyry; local phases of coarse	40883	212.7	214.2	1.5	0.5	<5				
					pale green sausseritized feldspar phenocrysts.	40884	214.2	215.8	1.6	0.5	<5				
					190.3 Sharp contact with graphite, 70° to CA.	40885	215.8	217.3	1.5	0.5	<5				
					194-199.5 Sections of badly broken core/milky white quartz-carbonate veining.	40886	217.3	218.8	1.5	1.0	<5				
					212-215 Minor milky white quartz-carbonate veining/broken core.	40887	218.8	220.2	1.4	1.0	10				
					218.9-221.5 Quartz-graphite fault from 218.9-220; low angle milky white quartz-	40888	220.2	221.9	1.7	1.0	<5				
					carbonate veining; 0.2m lost core in quartz-graphite fault.	40889	221.9	223.4	1.5	1.0	<5				
					226.8 Graphite band, 75° to CA, with increased in pyrite within porphyry; minor	40890	223.4	224.9	1.5	1.0	<5				
					microfracturing.	40891	224.9	226.8	1.3	2.0	<5				
					277.2 Sharp, sheared graphitic lower contact, 65° to CA.	40892	226.2	227.2	1.0	2.0	6				
227.2	241.3	98	45	5A, 4B, frag	GRAPHITIC ARGILLITE/FELSIC FRAGMENTAL - upper portion of unit is highly	40893	227.2	228.0	0.8	1.0	12				
					graphitic with minor fault gouge and GQC developed; lower portion of unit is	40894	228.0	229.5	1.5	1.0	9				
					graphitic wacke and sheared felsic fragmental.	40895	229.5	231.0	1.5	1.0	7				
					227.2-231 Badly broken, numerous graphitic slips, highly graphitic schist; minor	40896	231.0	232.5	1.5	2.0	15				
					milky white quartz veining, S_0/S_1 = 80° to CA.	40897	232.5	234.1	1.6	2.0	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-144 PAGE 7/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					231-236.8 Rhythmically layered graphitic argillite/wacke. 2-3% pyrite as	40898	234.1	235.6	1.5	0.5	<5				
					disseminations and layers; S_0/S_1 = 60° to CA.	40899	235.6	237.1	1.5	1.0	<5				
					236.8-241.3 Strongly foliated fragmental S_1 = 60° to CA; unit becomes increasingly	40900	237.1	238.6	1.5	1.0	<5				
					deformed, weakly silicified and pyritic.	40951	238.6	240.2	1.6	1.0	<5				
						40952	240.2	241.3	1.1	1.0	<5				
241.3	244	75	10	F.Z.	FAULT ZONE - highly graphitic fault gouge/quartz fragments appears to be oriented	40953	241.3	244.0	2.7	2.0	<5				
					50-65° to CA; 1-2% pyrite; 0.3 metres lost core.										
244	253.8	99	80	5A	GRAPHITIC ARGILLITE - highly graphitic, weakly deformed laminated, with	40954	244.0	244.8	0.8	2.0	6				
					numerous pyritic laminations; S_0/S_1 = 65° to CA; minor milky white quartz veining.	40955	244.8	246.3	1.5	1.0	<5				
						40956	246.3	247.8	1.5	1.0	<5				
						40957	247.8	249.3	1.5	2.0	<5				
						40958	249.3	250.8	1.5	2.0	<5				
						40959	250.8	252.4	1.6	2.0	<5				
						40960	252.4	253.8	1.4	2.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-144 PAGE 8/8

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
253.8	292	99	85	4B, lbt	FELSIC LAPILLI BOMB TUFF - variable texture; locally resembles fragmental or	40961	253.8	255.4	1.6	0.5	<5				
					autoclastic breccia; generally grey with darker grey to slightly yellowish or brownish	40962	255.4	256.9	1.5	0.5	<5				
					fragments; locally graphitic matrix; local large pyrite fragments; relatively	40963	256.9	258.5	1.6	0.5	<5				
					undeformed and unaltered.	40964	258.5	260.0	1.5	1.0	6				
					258.5 S_0/S_1 = 45° to CA.	40965	260.0	261.5	1.5	0.5	<5				
					263 S_0/S_1 = 50° to CA.	40966	261.5	263.0	1.5	0.5	<5				
					265.5-266.1 10% large pyrite fragments.	40967	263.0	264.6	1.6	0.5	<5				
					266.5 S_0/S_1 = 45° to CA.	40968	264.6	266.1	1.5	3.0	6				
					271 S_0/S_1 = 45° to CA.	40969	266.1	267.6	1.5	0.5	<5				
					274 S_0/S_1 = 40° to CA.	40970	267.6	269.1	1.5	0.5	<5				
					279.5 S_0/S_1 = 40° to CA.	40971	269.1	270.9	1.6	0.5	<5				
					283.5 S_0/S_1 = 40° to CA.	40972	270.9	272.2	1.5	0.5	<5				
					286 S_0/S_1 = 40° to CA.	40973	272.2	273.9	1.7	1.0	<5				
	292			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit Drilling
COMMENCED	July 10/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 11- /96
COMPLETED	July 13/96	CLAIM	800270	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	26+25E, 3+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
70	50	182
100	48	183
150	46	181
175	45	

HOLE NO. LG96-145	PAGE 1/9
COLLAR AZIMUTH	180
COLLAR DIP	-50
ELEVATION	
LENGTH	349.91

INTERVAL M ■ Ft □ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	57.6			OVB	Casing.										
57.6	87.2	97	50	2A	MAFIC FLOWS - dark green, aphanitic to leucoxene specked, massive flows;										
					moderate to strong calcium carbonatization; pervasive and as numerous gashes &										
					veinlets; local section of badly broken & lost core; non to strongly magnetic.										
					57.6-69 Calcium carbonatized, non-magnetic leucoxene flows; 0.1m lost core at										
					66.45.										
					69-87.2 Dark green to purple-black, aphanitic, strongly magnetic flows (mag. sus.										
					up to 35 x 10^{-3} SI units); strong calcium carbonatization (mainly pervasive) flows										
					become leucoxene specked & weakly foliated toward lower contact.										
87.2	100.2	96	50	4B, t/5E	FELSIC TUFF/TURBIDITIC SEDIMENTS - laminated, calcium carbonatized grey	40758	87.2	88.7	1.5	0.5	7				
					locally graphitic; minor bands of strong deformation; local pyritic strongly graphitic	40759	88.7	89.7	1.0	1.0	12				
					bands with minor milky white quartz veining; minor yellow sericite-rich bands;	40760	89.7	90.8	1.1	1.0	7				
					S_0/S_1 = 45-60° to CA; local S_2 fold axis, 45° to CA.	40761	90.8	92.3	1.5	0.5	<5				
					91 S_1 = 45° to CA.	40762	92.3	93.9	1.6	0.5	6				
					91.7 S_2 = 45° to CA.	40763	93.9	95.4	1.5	1.0	19				
					94 S_1 = 70° to CA.	40764	95.4	96.9	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
200	42	180
250	40	180
275	40	
300	38	181

HOLE NO. LG96-145 PAGE 2/9

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					96 S_1 = 60° to CA.	40765	96.9	98.4	1.5	0.5	5				
					99 0.3m lost core/grey fault gouge/slips.	40766	98.4	100.2	1.8	0.5	<5				
					99.9 S_1 = 80° to CA.										
100.2	115.3	97	60	4B, t	FELSIC TUFF - grey, well bedded, very weakly sericitized; relatively undeformed,	40767	100.2	101.5	1.3	0.5	7				
					unaltered & non-mineralized local sections of badly broken core/lost core; iron	40768	101.5	103.0	1.5	0.5	<5				
					carbonatized with minor weak calcium carbonatization.	40769	103.0	140.5	1.5	1.0	7				
					105 S_1 = 60° to CA.	40770	104.5	106.1	1.6	0.5	<5				
					109 0.2m lost core (fault 70° to CA).	40771	106.1	107.6	1.5	0.5	<5				
					114.3 S_1 = 55° to CA.	40772	107.6	109.1	1.5	0.5	<5				
						40773	109.1	110.6	1.5	0.5	<5				
						40774	110.6	112.2	1.6	0.5	<5				
						40775	112.2	113.7	1.5	0.5	<5				
						40776	113.7	115.3	1.5	0.5	<5				
115.3	155.1	96	50	4B, t/5A, E	FELSIC TUFF/GRAPHITIC TURBIDITIC SEDIMENTS - laminated, very weakly	40777	115.3	116.8	1.5	0.5	5				
					sericitized, undeformed, graphitic sediments and tuff; upper portion of unit is	40778	116.8	118.3	1.5	1.0	<5				
					weakly calcium carbonatized becoming strongly calcium carbonatized downhole,	40779	118.3	119.8	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-145 PAGE 3/9
PROPERTY	DISTRICT	CONTRACTOR	349.91	38	181	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					S_1 = 60° to CA; decreasing to 40-45° to CA at lower fault contact; sections of	40780	119.8	121.3	1.5	0.5	<5				
					badly broken core/lost core/fault gouge.	40781	121.3	122.8	1.5	0.5	<5				
					120.5 S_1 = 60° to CA.	40782	122.8	124.4	1.6	0.5	8				
					124 S_1 = 60° to CA.	40783	124.4	125.9	1.5	0.5	7				
					129.8 S_1 = 60° to CA.	40784	125.9	127.4	1.5	1.0	10				
					134.0-136.5 1.5 metres lost core; grey clay fault gouge/badly broken core, 60°	40785	127.4	128.9	1.5	1.0	6				
					to CA.	40786	128.9	130.5	1.6	0.5	<5				
					139.6 S_1 = 60° to CA.	40787	130.5	132.0	1.5	0.5	5				
					142.0-142.65 0.2m lost core.										
					147.0 S_1 = 60° to CA.	40788	151.8	153.3	1.5	1.0	9				
					153.3 S_1 = 40° to CA.	40789	153.3	155.1	1.8	0.5	8				
155.1	156.1	99	20	F.Z.	FAULT ZONE - highly graphitic fault gouge/broken core; S_1 = 60° to CA; minor	40790	155.1	156.1	1.0	0.5	34				
					pyrite nodules/quartz veining.										
156.1	181.3	99	85	4B, frag	FELSIC FRAGMENTAL - upper portion of unit has pale green weakly sericitized	40791	156.1	157.9	1.8	1.0	<5				
					clasts and a locally graphitic matrix; remainder of unit consists of creamy beige	40792	157.9	159.4	1.5	1.0	<5				
					to grey poorly sorted streteched fragments in a darker grey matrix with local graphitic	40793	159.4	160.9	1.6	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-145 PAGE 4/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					or pyritic fragments; moderate to strong pervasive calcium carbonatization; well	40794	160.9	162.4	1.5	1.0	<5				
					developed bedding/stretching (S_0/S_1) at 60° to CA.	40795	162.4	164.0	1.6	1.0	<5				
					158 S_0/S_1 = 60° to CA.	40796	164.0	165.5	1.5	1.0	<5				
					164 S_0/S_1 = 65° to CA.	40797	165.5	167.0	1.5	1.0	<5				
					164.5-164.8 Pyritic grey calcite-quartz vein, 45° to CA.	40798	167.0	168.5	1.5	1.0	<5				
					165.6-165.7 Pyritic grey calcite-quartz stringers.	40799	168.5	170.1	1.6	1.0	<5				
					168.5 S_0/S_1 = 55° to CA.	40800	170.1	171.6	1.5	0.5	<5				
					173 S_0/S_1 = 55° to CA.	40801	171.6	173.1	1.5	0.5	<5				
					179.5 S_0/S_1 = 50° to CA.	40802	173.1	174.6	1.5	0.5	<5				
						40803	174.6	176.2	1.6	0.5	<5				
						40804	176.2	177.7	1.5	0.5	<5				
						40805	177.7	179.2	1.5	1.0	<5				
181.3	199	99	85	4B, frag/5	INTERCALATED FELSIC FRAGMENTALS AND GRAPHITIC SEDIMENTS -										
					similar to previous units, local calcite-quartz veinlets at low angles to CA; strong										
					calcium carbonatization.	40806	196.0	197.5	1.5	1.0	<5				
					185 S_0/S_1 = 60° to CA.	40807	197.5	199.0	1.5	1.0	<5				
					193 S_1 = 65° to CA.										
					196.1 Pyritic calcite-quartz vein, 35° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-145	PAGE 5/9
COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
199	210.5	99	85	4B, t/5A	FELSIC TUFF/GRAPHITIC SEDIMENTS - disrupted, folded laminations/beds of	40808	199.0	200.6	1.6	0.5	<5				
					graphitic sediment in grey ash tuff locally pyritic graphitic argillite; upper	40809	200.6	202.1	1.5	1.0	<5				
					portion of unit is strongly calcium carbonatized, decreasing to weakly carbonatized	40810	202.1	203.6	1.5	0.5	<5				
					downhole.	40811	203.6	205.1	1.5	1.0	<5				
						40812	205.1	206.7	1.6	1.0	<5				
						40813	206.7	208.2	1.5	1.0	<5				
						40814	208.2	209.7	1.5	0.5	7				
						40815	209.7	210.5	0.7	0.5	9				
210.5	215.7	99	70	4B, frag	FELSIC FRAGMENTAL - subangular grey fragments, generally undeformed with	40816	210.5	212.8	2.3	0.5	13				
					poorly defined bedding; minor graphitic argillite fragments.	40817	212.8	214.3	1.5	0.5	<5				
					215 S_1 = 60° to CA.	40818	214.3	215.7	1.4	0.5	<5				
215.7	225.1	99	80	4B, t/5A	FELSIC TUFF/GRAPHITIC SEDIMENTS - similar to 199 to 210.5, with minor	40819	215.7	216.3	1.6	1.0	<5				
					local bands of weak silicification/disseminated pyrite.	40820	216.3	218.8	1.5	0.5	<5				
					223.5 S_1 = 60° to CA.	40821	218.8	220.3	1.5	1.0	<5				
						40822	220.3	221.9	1.6	0.5	<5				
						40823	221.9	223.4	1.5	0.5	<5				
						40824	223.4	225.1	1.7	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-145 PAGE 6/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
225.1	232.5	99	75	4B, frag	FELSIC FRAGMENTAL - light grey, poorly sorted sub-round fragments in dark	40825	225.1	226.5	1.4	1.0	<5				
					grey matrix; minor pyritic calcite-quartz veinlets; 1% patchy disseminated pyrite	40826	226.5	228.0	1.5	1.0	<5				
					throughout; weak calcium carbonatization.	40827	228.0	229.5	1.5	1.0	<5				
					228.2 Calcite-quartz vein, minor pyrite, 45° to CA.	40828	229.5	231.0	1.5	1.0	<5				
					229.5 S_0/S_1 = 50° to CA.	40829	231.0	232.5	1.5	1.0	<5				
232.5	235.1	99	85	4B, t/5A	FELSIC ASH TUFF/GRAPHITIC ARGILLITE - broken, deformed bands of weakly	40830	232.5	234.1	1.6	1.0	<5				
					pyritic graphitic argillite in grey ash/lapilli ash tuff; 234.7 calcite veinlet with	40831	234.1	235.1	1.0	1.0	<5				
					10% coarse brown sphalerite, 20° to CA.										
235.1	304.2	99	75	4B, frag	FELSIC FRAGMENTAL WITH MINOR FELSIC ASH TUFF BEDS - very fresh,	40832	235.1	237.1	2.0	1.0	<5				
				4B, t	undeformed, unaltered, non-mineralized heterolithic, grey, coarse, poorly sorted	40833	237.1	238.6	1.5	1.0	<5				
					breccia fragments consist of very poorly bedded to well bedded, angular to sub-	40834	238.6	240.2	1.6	1.5	<5				
					round dark to light grey cherty or rhyolitic material, generally finer light to dark	40835	240.2	241.1	0.9	0.5	<5				
					grey green mafic fragments and minor massive pyrite fragments; local bands of	40836	241.1	242.4	1.3	0.5					
					massive Fg tuff; 0.2m band of massive pyrite; upper portion of unit is weakly foliated	40837	242.4	243.3	0.9	0.5	<5				
					with well bedded/foliated fragments and local quartz-calcite veins in the pyritic	40838	243.3	244.7	1.4	2	<5				
					sericite-epidote selvages; lower portion of unit exhibits well developed graded	40839	244.7	246.2	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-145 PAGE 7/9
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					bedding of pyroclastic flows; fining sequences indicate tops uphole in most cases	40840	246.2	247.7	1.5	0.5	<5				
					with cycles of fining upward sequences ranging from 1m to 10 metres; weak to	40841	247.7	249.3	1.6	0.5	<5				
					moderate calcium carbonatization.										
					238.2 S_1 = 60° to CA.										
					239.3-239.5 Massive pyrite band at 75° to CA; sharp conformable contacts with										
					fragmental tuffaceous unit.										
					243.3-244.7 70% pyritic quartz-calcite veining 80° to CA; epidote-sericite selvage/										
					shear foliations.										
					246 S_0/S_1 = 85° to CA.										
					249 S_0/S_1 = 70° to CA.										
					249-314.2 Graded bedding in fragmental/pyroclastic flows; fresh unaltered fragmental										
					with no graphitic beds.										
					253 S_0/S_1 = 65° to CA.										
					258.5 S_0/S_1 = 65° to CA; cherty flow tops?										
					266 S_0/S_1 = 60° to CA.										
					268.5-269.2 Porphyritic mafic dyke? 80° to CA.										
					272 S_0/S_1 = 60° to CA.										
					273-276 Large section of fine pyroclastic flow top ash tuff.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-145 PAGE 8/9
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					279.5 S_0/S_1 = 55° to CA.										
					286.5-290 Boulder pyroclastic flow base with milky white, weakly pyritic quartz										
					veining; quartz veined flow top/base contact.										
					291 S_0/S_1 = 70° to CA.										
					296.6 S_0/S_1 = 75° to CA.										
					304.0 Folded grey non-pyritic quartz vein.	40842	302.6	304.2	1.6	0.5	<5				
304.2	323.4	99	60	5A/4B, frag	INTERCALATED GRAPHITIC ARGILLITE/FELSIC FRAGMENTAL - moderately	40843	304.2	305.7	1.5	1.0	<5				
					developed S_1 stretching/flattening in fragmental units and S_1 shearing graphitic slips in	40844	305.7	307.2	1.5	0.5	<5				
					graphitic argillite; incipient iron carbonate-sericite alteration (yellowing) of felsic	40845	307.2	308.7	1.5	0.5	<5				
					fragments; local fine pyrite laminations in graphitic argillite/tuff, with several <1mm	40846	308.7	310.3	1.6	0.5	<5				
					laminations of chalcopyrite at 315.2.	40847	310.3	311.8	1.5	1.0	<5				
					304.5 S_0/S_1 = 60° to CA, trace chalcopyrite along graphitic slips.	40848	311.8	313.3	1.5	1.0	<5				
					304.8-305.7 GQC numerous slips, quartz veining, calcium carbonatized; minor	40849	313.3	314.0	0.7	0.5	<5				
					fault gouge S_1 = 60° to CA; 1% laminated pyrite.	40850	314.0	315.0	1.0	1.0	<5				
					305.7-310.2 Mainly fine flattened fragmental with weakly graphitic tuff/sediment;	40851	315.0	316.4	1.4	1.0	<5				
					strong calcium carbonatization; S_1 = 75° to CA.	40852	316.4	317.9	1.5	0.5	<5				
					310.2-316.5 Mainly graphitic argillite with bomds of flattened felsic fragmental;	40853	317.9	319.4	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-145 PAGE 9/9
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					minor fine pyritic laminations; fine chalcopyrite laminations in graphitic band in	40854	319.4	320.9	1.5	0.5	<5				
					stretched, fine tuff/fragmental; S_1 = 70° to CA.	40855	320.9	322.5	1.6	0.5	<5				
					316.5-323.4 Coarse fragmental, weakly flattened 75° to CA with bands of weakly	40856	322.5	324.0	1.5	1.0	<5				
					pyritic graphitic argillite.										
323.4	349.91			4B, frag	FELSIC FRAGMENTALS - similar to 235.1-304.2 exhibits graded bedding fining	40857	324.0	325.5	1.5	0.5	<5				
					uphole; weakly developed bedding/flattening 65° to CA; minor disseminated Mg										
					pyrite-calcium carbonatized.	40858	343.8	345.3	1.5	1.0	<5				
					328 S_0/S_1 = 60° to CA.	40859	345.3	346.9	1.6	1.0	<5				
					334 S_0/S_1 = 60° to CA.	40860	346.9	348.0	1.1	0.5	<5				
					336.5-341 Late low angle Vqc 20% of core; S_0/S_1 = 65° to CA.	40861	348.0	349.0	1.0	2.0	<5				
					348-349 Weak to moderate quartz-calcite flooding parallel to S_0/S_1 = 65-70° to CA.;	40862	349.0	349.91	0.91	1.0	<5				
					1-2% Fg disseminated pyrite; weakly sericitized along S_1 foliation.										
	349.91			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	July 13/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 25, 1996
COMPLETED	July 24/96	CLAIM	800257	LOGGED BY	D. Jamieson
OBJECTIVE	Mag/Res. Low	CO-ORD.	40+00E, 1+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
20	50	181
50	50	MAG
75	50	
100	50	183

HOLE NO. LG96-146	PAGE 1/2
COLLAR AZIMUTH	180
COLLAR DIP	-50
ELEVATION	
LENGTH	285.9

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	10			OVB	Casing.										
10	85	99	80	2A	MAFIC FLOWS - dark green, aphanitic to Mg iron tholeiitic flows;										
					locally strongly magnetic (mag. sus. up to 82 x 10^{-3} SI units);										
					patchy calcite alteration.										
					10-12 Badly broken core; strongly magnetic.										
					12-26 Strongly magnetic, aphanitic iron tholeiitic flows.										
					26-50 Non-magnetic flow/inter flow material.										
					50-65.5 Strongly magnetic, patchy gabbroic textured flow; moderate epidote										
					alteration.										
					65.5-85 Non-magnetic, gabbroic to leucoxene specked flows.	40863	84.7	86.2	1.5	1.0	12				
85	91.1	88	85	3B, t	INTERMEDIATE TUFF - weakly laminated interflow tuff/sediments; minor calcium	40864	86.2	87.8	1.6	1.0	11				
					carbonatization, trace to 1% pyrite, very low magnetic susceptibility.	40865	87.8	89.3	1.5	1.0	<5				
		99	85	2A	110-116.5 Weakly foliated, sericitized, quartz-carbonate veined,	40866	89.3	91.1	1.8	0.5	<5				
					S_1 = 65° to CA.										
					135.5-137 Quartz-carbonate veining/broken core, with 1-2% pyrite at 136.7.	40867	135.0	136.6	1.6	0.5	<5				
					166-174 Weakly foliated calcium carbonatized flows, with quartz-calcite	40868	136.6	138.1	1.5	1.0	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
150	49	186
200	48	MAG
250	47	MAG
275	47	

HOLE NO. LG96-146 PAGE 2/2

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					veining sub-parallel to S_1 = 85° to CA.	40869	138.1	139.6	1.5	0.5	<5				
					183-197.8 Weakly magnetic (mag. sus. up to 0.9 x 10^{-3} SI units) patchy										
					gabbroic texture; minor epidote stringers/pervasive alteration.										
					224-285.9 Chlorite/hornblende porphyritic mafic flows, non-magnetic, non-										
					calcium carbonatized.										
					273-280 Glassy to milky white late quartz veining.										
	285.9			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	CTL	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	Oct. 7/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Oct. 18-19/96
COMPLETED	Oct. 9/96	CLAIM	599075	LOGGED BY	L.D. Burden
OBJECTIVE	I.P. Anomaly	CO-ORD.	16+00W, 20+50S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
100	60	180
150	59	182
200	54	MAG
250	50	MAG

HOLE NO. C-96-147	PAGE 1/5
COLLAR AZIMUTH	180°
COLLAR DIP	-60°
ELEVATION	
LENGTH	282m

INTERVAL M ■ Ft □ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0.0	27.6			OVB	Sand.										
27.6	94.55			2B, lt, t	Mafic lapilli tuff, ash tuff; greyish green aphanitic matrix with both dark chlorite	39402	30.0	31.0	1.0	tr	<5				
					rich mafic and buff-green trachyte lapilli fragments; very soft; very rich in $CaCO_3$;	39403	35.0	36.0	1.0	tr	<5				
					M.S. of 1.80 to 25.2 x 10^{-3} SI; generally the top 20 metres of hole has a lower M.S.	39404	41.0	42.0	1.0	tr	<5				
					of 1.0 to 10.0 x 10^{-3} SI; very thinly laminated to thinly bedded; bedding @ 50°	39405	47.0	48.0	1.0	tr	<5				
					to CA; trace pyrite; no visible magnetic minerals; unit contains several quartz-carb	39406	53.0	54.0	1.0	tr	14				
					veinlets that generally parallel bedding.	39407	59.0	60.0	1.0	tr	6				
					41.40-41.70 Fault Gouge - carbonate @ 50° to CA; chloritic mud.	39408	65.0	66.0	1.0	tr	<5				
						39409	71.0	72.0	1.0	tr	5				
						39410	75.0	76.0	1.0	tr	<5				
						39411	81.0	82.0	1.0	tr	<5				
						39412	87.0	88.0	1.0	tr	<5				
						39413	93.55	94.55	1.0	tr	<5				
94.55	227.58			2B, t, lt	Mafic ash tuff; dark greyish green & aphanitic; very soft; very rich in $CaCO_3$; rare	39414	94.55	95.55	1.0	tr	<5				
					lapilli; generally fine to coarse ash tuff beds; M.S. of 2.40 to 26.6 x 10^{-3} SI;	39415	101.0	102.0	1.0	tr	<5				
					bedding/foliation @ 50-55° to CA; generally trace pyrite; no visible magnetic	39416	105.0	106.0	1.0	2-3	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
282	50	MAG

HOLE NO. C-96-147 PAGE 2/5

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					mineralis; locally 1-2 metre patches with 3-4% disseminated pyrite; unit contains	39417	111.0	112.0	1.0	tr	<5				
					rare quartz-carb veins & sweats generally parallel to foliation/bedding; upper contact	39418	117.0	118.0	1.0	tr	<5				
					gradational; lower contact knife sharp @ 65° to CA.	39419	120.0	120.79	0.79	tr	<5				
					120.79-121.41 Quartz-Epidote Vein - irregular contacts, glassy white quartz; trace	39420	120.79	121.41	0.62	tr	<5				
					pyrite; wall rock inclusions altered to a reddish colour.	39421	121.41	122.0	0.59	tr	<5				
					125.0-130.0 Sulphide Enriched - 2-3% disseminated ultramafic euhedral pyrite.	39422	125.0	126.50	1.50	2-3	<5				
						39423	126.5	127.50	1.0	3-4	<5				
						39424	127.50	128.50	1.0	3-5	<5				
						39425	128.50	130.0	1.5	3-5	<5				
						39426	135.0	136.0	1.0	tr	<5				
						39427	140.0	141.0	1.0	tr	<5				
						39428	146.0	147.0	1.0	tr	<5				
						39429	152.0	153.0	1.0	tr	<5				
						39430	158.0	159.0	1.0	tr	<5				
						39431	164.0	165.0	1.0	tr	<5				
						39432	170.0	171.0	1.0	tr	<5				
						39433	177.0	178.0	1.0	tr	<5				
						39434	183.0	184.0	1.0	tr	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C-96-147 PAGE 3/5

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						39435	186.0	187.0	1.0	tr	<5				
						39436	194.0	195.0	1.0	tr	<5				
						39437	200.0	201.0	1.0	tr	<5				
						39438	206.0	207.0	1.0	tr	<5				
						39439	212.0	213.0	1.0	tr	<5				
						39440	218.0	219.0	1.0	tr	<5				
						39441	222.0	223.0	1.0	tr	<5				
						39442	226.58	227.58	1.0	tr	<5				
227.58	241.5			5I/5I	Sandstone with intercalated siltstone beds; very light yellow/lime green; sericitized	39443	227.58	228.58	1.0	tr	9				
					heterolithic epiclastic sand grains with a silty matrix; jasper and cherty clasts	39444	232.62	233.15	0.53	tr	<5				
					very obvious; M.S. of 0.23 to 0.32 x 10^{-3} SI; weakly foliated/bedding @ 50° to CA;	39445	233.15	233.70	1.0	tr	5				
					upper contact @ 65° to CA; lower contact @ 45° to CA; trace pyrite; no $CaCO_3$;	39446	233.70	234.70	1.0	tr	<5				
					very soft.	39447	239.0	240.0	1.0	tr	10				
					232.20 to 232.62 Aplite Dyke - buff; aphanitic; trace pyrite; contacts @ 55° to CA.										
					233.15 to 233.70 Chloritic Shear with Faulte Gouge - trace pyrite; contacts @										
					60° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. C-96-147 PAGE 4/5
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
241.15	244.80			5I	Siltstone/Mudstone; very light yellow/lime green; aphanitic to fine grained; very										
					soft; no $CaCO_3$; M.S. of 0.16 x 10^{-3} SI; trace pyrite; sericitized; foliated/bedded										
					@ 45° to CA; thinly laminated to very thinly bedded; upper and lower contacts @										
					45° to CA; soft sediment/dewatering deformation evident with weak flame & ball/										
					pillow structures.										
244.80	245.79			5B	Polymictic Pebble Conglomerate; very light yellow/lime green aphanitic matrix with										
					buff, grey & red fragments consisting of jasper, cherty, ultramafic & mafic volcanic										
					clasts; M.S. of 0.15 x 10^{-3} SI; contacts @ 45° to CA; trace pyrite.										
245.79	261.34			5I	Siltstone/Mudstone same as 241.15 to 244.80; upper contact @ 45° to CA; lower	39448	246.0	247.0	1.0	tr	<5				
					contact @ 50° to CA.	39449	251.0	252.0	1.0	tr	<5				
						39450	257.0	258.0	1.0	tr	<5				
						39451	260.34	261.34	1.0	tr	<5				
261.34	280.46			5B/5J	Strongly foliated/sheared pea/pebble conglomerate/sandstone; green to yellowish	39452	267.0	268.0	1.0	tr	<5				
					green with olive green, grey & buff clasts; sericitized foliation/shearing @ 30-35°	39453	273.0	274.0	1.0	tr	<5				
					to CA; M.S. of 0.28 to 0.51 x 10^{-3} SI; albite xls up to 1cm; soft; no $CaCO_3$; upper	39454	279.0	280.46	1.46	tr	<5				
					contact @ 50° to CA; lower contact gradational; trace pyrite.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C-96-147 PAGE 5/5

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
280.46	282.0			5B/5J	Sheared pea/pebble conglomerate/sandstone; similar to above with shearing @ 15°	39455	280.46	282.0	1.54	tr	<5				
					to CA; weakly silicified; trace pyrite; M.S. of 0.31 x 10^{-3} SI.										
	282.0			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact Mines Ltd.	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	CTL	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	Oct. 9/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Oct. 15/96
COMPLETED	Oct. 10/96	CLAIM	599075	LOGGED BY	D. Jamieson
OBJECTIVE	I.P. Anomaly under Esker	CO-ORD.	16+00W, 21+25S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
50	56	182
150	49	
198	48	

HOLE NO. C96-148	PAGE 1/5
COLLAR AZIMUTH	180°
COLLAR DIP	-55°
ELEVATION	320 (approx.)
LENGTH	198m

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	21.5			OVB	Casing.										
21.5	59.3	99	90	3D, lt	INTERMEDIATE LAPILLI TUFF - dark grey, chloritic with lighter altered, fine										
					to coarse lapilli, local bomb size fragments strongly magnetic (mag. sus. up to	39351	24.0	25.5	1.5	0.5	6				
					30 x 10^{-3}); well developed S_0/S_1 at 45-60° to CA; relatively unaltered and undeformed	39352	25.5	27.0	1.5	2.0	<5				
					locally developed quartz-carbonate-kspar-epidote veining local patchy VFg	39353	27.0	28.5	1.5	2.0	7				
					disseminated or stringer pyrite up to 5%.	39354	28.5	30.0	1.5	0.5	6				
					26-28.5 60% quartz-carbonate-kspar-epidote veining, patchy VFg disseminated	39355	30.0	31.5	1.5	1.0	<5				
					pyrite, 5% overall.	39356	31.5	33.0	1.5	2.0	9				
					32 S_0/S_1 = 60° to CA.	39357	33.0	34.5	1.5	2.0	9				
					36 S_0/S_1 = 50° to CA.	39358	34.5	36.0	1.5	0.5	6				
					42 S_0/S_1 = 50° to CA.	39359	36.0	37.5	1.5	4.0	7				
					48 S_0/S_1 = 55° to CA.	39360	37.5	39.0	1.5	1.0	8				
					52.5 S_0/S_1 = 55° to CA.	39361	39.0	40.5	1.5	3.0	<5				
					58.5 S_0/S_1 = 60° to CA.	39362	40.5	42.0	1.5	1.0	7				
					59.3 Contact 55° to CA.	39363	42.0	43.5	1.5	1.0	6				
						39364	43.5	45.0	1.5	1.0	8				
						39365	45.0	46.5	1.5	0.5	6				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C96-148 PAGE 2/5

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						39366	46.5	48.0	1.5	1.0	9				
						39367	48.0	49.5	1.0	1.0	8				
						39368	49.5	51.0	1.5	0.5	9				
						39369	51.0	52.5	1.5	0.5	<5				
						39370	52.5	54.0	1.5	0.5	88				
						38371	54.0	55.5	1.5	0.5	9				
						39372	55.5	57.0	1.5	0.5	11				
						39373	57.0	58.5	1.5	0.5	7				
						39374	58.5	59.3	0.8	0.5	6				
59.3	118.0	99	90	5C	GREYWACKE - dark grey, chloritic, massive to well bedded; mottled in places;	39375	59.3	60.0	0.7	0.5	7				
					patchy disseminated Fg pyrite, locally up to 5%, similar to previous unit; strongly	39376	60.0	61.5	1.5	1.0	<5				
					magnetic; weak local calcium carbonatization; minor white to pink quartz-carbonate	39377	61.5	63.0	1.5	2.0	<5				
					veins, increasing in number toward lower contact; generally undeformed and	39378	63.0	64.5	1.5	2.0	9				
					unaltered; pyrite mineralization is significant between 59.3 and 82m.	39379	64.5	66.0	1.5	0.5	7				
					64 S_0/S_1 = 55° to CA.	39380	66.0	67.5	1.5	2.0	<5				
					69 S_0/S_1 = 45° to CA.	39381	67.5	69.0	1.5	1.0	<5				
					73.5 S_0/S_1 = 60° to CA.	39382	69.0	70.5	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C96-148 PAGE 3/5

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					78 S_0/S_1 = 50° to CA.	39383	70.5	72.0	1.5	1.0	<5				
					83 S_0/S_1 = 55° to CA.	39384	72.0	73.5	1.5	1.0	12				
					90.5 S_0/S_1 = 50° to CA.	39385	73.5	75.0	1.5	3.0	8				
					97 S_0/S_1 = 45° to CA.	39386	75.0	76.5	1.5	2.0	<5				
					102 S_0/S_1 = 60° to CA; increase in quartz-carbonate veinlets.	39387	76.5	78.0	1.5	2.0	6				
					105 S_0/S_1 = 70° to CA.	39388	78.0	79.5	1.5	4.0	7				
					109.5 S_0/S_1 = 70° to CA.	39389	79.5	81.0	1.5	2.0	7				
					112 S_0/S_1 = 65° to CA.	39390	81.0	84.0	1.5	1.0	9				
					117 S_0/S_1 = 55° to CA.	39391	82.5	84.0	1.5	1.0	9				
118.0	198.0	98	80	3D, lt	INTERMEDIATE LAPILLI TUFF - gradation with previous unit, as fine lapilli										
					become prominent and the unit becomes increasingly sheared, sericitized and iron										
					carbonatized; alteration increases down hole, yielding a variety of textures and										
					colours and the destruction of magnetite; strong penetrative foliation with no folding										
					evident; pyrite generally absent.										
					118-122 Fine lapilli ash tuff or tuffaceous wacke, dark grey with beige bleached										
					streaks along foliation increasing down hole; S_0/S_1=50° to CA; moderately magnetic.										
					122-134.8 Increased iron carbonate bleaching and quartz-carbonate veining; tuff	39392	123.0	124.7	1.7	0.5	12				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C96-148 PAGE 4/5
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					becomes purplish grey locally (hematite?) and locally strongly magnetic; possible	39393	124.7	126.0	1.3	0.5	<5				
					transition between volcaniclastic sediments and trachytic pyroclastics; S_0/S_1 = 60°	39394	126.0	127.5	1.5	0.5	7				
					to CA.										
					134.8-167 Yellow-green, strongly foliated, strongly sericitized and iron carbonatized										
					trachytic pyroclastics, local green mica fragments; minor local grey silicified										
					sections (non-pyritic); pyrite generally absent; non-magnetic.										
					135.5 S_1 = 60° to CA.										
					137.5 S_1 = 60° to CA.										
					138.1-140.6 Grey, silicified tuff.	39395	138.0	139.5	1.5	0.5	6				
					145.5 S_1 = 55° to CA.	39396	139.5	141.0	1.5	0.5	<5				
					150 S_1 = 60° to CA.										
					157 S_1 = 60° to CA.	39397	153.0	154.8	1.8	0.5	<5				
					161 S_1 = 60° to CA.										
					165 S_1 = 60° to CA.										
					167-180.5 Unit becomes highly variable, with coarse feldspar crystals, dark black										
					to purple lapilli, olive green to yellow green matrix; local agglomerate texture;										
					less deformed than previous sub-unit; non-magnetic; non-pyritic; locally developed										
					S_1 = 60° to CA.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C96-148 PAGE 5/5

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					180.5-195.5 Creamy beige to yellow, iron carbonatized, yellow sericitized ash tuff;	39398	192.0	193.5	1.5	0.5	7				
					locally developed penetrative cleavage 75° to CA; minor siliceous bands; traces	39399	193.5	195.0	1.5	0.5	11				
					VFg pyrite.										
					195.5-198 Grey, weakly silicified? lapilli tuff with bands of yellow ash tuff;	39400	195.0	196.5	1.5	0.5	11				
					traces pyrite; muddy grey lapilli (sediment rip-ups?).	39401	196.5	198.0	1.5	0.5	11				
	198.0			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudbury Contact	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Lac Gauthier	DISTRICT	Larder Lake	CONTRACTOR	Benoit
COMMENCED	July 31/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Aug. 12-14/96
COMPLETED	Aug. 3/96	CLAIM	821262/821263	LOGGED BY	D. Jamieson
OBJECTIVE	Deep Footwall	CO-ORD.	6+00E, 1+00S	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
66	55	184
75	54	
100	51	MAG
150	52	189

HOLE NO. LG96-149	PAGE 1/13
COLLAR AZIMUTH	180°
COLLAR DIP	-55°
ELEVATION	321.517
LENGTH	361

8972.795E, 9948.240N

INTERVAL M ☒ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
0	47			OVB	Casing.										
47	66.45	98	70	3B,t	INTERMEDIATE TUFF - strongly deformed with local development S+C structures;	39111	47	48.2	1.2	0.5	18				
					local strong iron carbonate-brown sericite alteration; well developed yellow sericitic	39112	48.2	49.7	1.5	0.5	<5				
					S_2 foliation 75-85° to CA; minor patchy disseminated Fg to Mg pyrite, occasionally	39113	49.7	51.2	1.5	0.5	<5				
					along S_2 foliations; minor fault gouge; minor quartz veining.	39114	51.2	52.7	1.5	0.5	125				
					48.5 S_1 = 60° to CA.	39115	52.7	54.3	1.6	1.0	<5				
					54 S_2 = 80° to CA.	39116	54.3	55.8	1.5	0.5	11				
					57 S_2 = 70° to CA.	39117	55.8	57.3	1.5	0.5	9				
					62 S_1 = 60° to CA.	39118	57.3	58.8	1.5	0.5	12				
					64 S_2 = 85° to CA.	39119	58.8	60.3	1.5	1.0	12				
						39120	60.3	61.8	1.5	1.0	<5				
						39121	61.8	63.4	1.6	0.5	54				
						39122	63.4	64.9	1.5	1.0	36				
						39123	64.9	66.45	1.55	0.5	20				
66.45	209.7			3B, lt	INTERMEDIATE LAPILLI TUFF - less deformed and altered than previous unit.	39124	66.45	68.0	1.55	0.5	160				
					Locally well developed yellow sericitic S_2 foliation/fracture cleavage; minor sections	39125	68.0	69.5	1.5	0.5	10				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	53	
200	53	191
250	51	MAG
275	52	

HOLE NO. LG96-149 PAGE 2/13

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					of broken/clay fault gouge; patchy Mg pyrite up to 1% locally; weak to moderate	39127	71.0	72.5	1.5	0.5	163				
					calcium carbonatization.	39128	72.5	74.0	1.5	0.5	17				
					69.5 S_1 = 10° to CA; S_2 = 70° to CA.	39129	74.0	75.6	1.6	1.0	64				
					72.6 5 cm high angle shearing/fault gouge/broken core.	39130	75.6	77.1	1.5	1.0	56				
					75.4 2mm Vqc, pyritic, 45° to CA with S_1 = 45° to CA; patchy pyrite-calcite	39131	77.1	78.6	1.5	1.0	52				
					"augens".	39132	78.6	80.1	1.5	0.5	<5				
					80.1 Development of S+C structures, S_2 = 80° to CA.	39133	80.1	81.7	1.6	0.5	6				
					88 S_1/S_2 (transposed S_1) = 65° to CA.	39134	81.7	83.2	1.5	0.5	<5				
					93.5 Openly folded S_1, S_2 = 75° to CA.	39135	83.2	84.7	1.5	0.5	<5				
					97 S_1/S_2 = 65° to CA.	39136	84.7	86.2	1.5	0.5	<5				
					101.5 S_2 = 65° to CA.	39137	86.2	87.8	1.6	0.5	<5				
					104.5 S_1/S_2 = 50-60° to CA.	39138	87.8	89.3	1.5	0.5	24				
					107 S_1/S_2 = 45° to CA.	39139	89.3	90.8	1.5	1.0	49				
					107.6-107.8 Weakly pyritic quartz veined fault slip, 55° to CA.	39140	90.8	92.3	1.5	0.5	49				
					111.5 S_2 = 65° to CA.	39141	92.3	93.9	1.6	0.5	71				
					116 S_1/S_2 = 60° to CA.	39142	93.9	95.4	1.5	0.5	6				
					120 S_1 = 55° to CA.	39143	95.4	96.9	1.5	0.5	57				
					121.2-129 30% milky white quartz carbonate veining with chloritic selveges; strongly	39144	96.9	98.4	1.5	0.5	31				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR	300	52	MAG
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. LG96-149 PAGE 3/13
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					deformed to openly folded chloritic tuff host; S_2 = 85° to CA.	39145	98.4	100.0	1.6	0.5	6				
					133.5 S_2 = 85° to CA.	39146	100.0	101.5	1.5	1.0	31				
					137 S_2 = 90° to CA.	39147	101.5	103.0	1.5	0.5	15				
					141.5 S_2 = 85° to CA.	39148	103.0	104.5	1.5	0.5	27				
					146 S_2 = 80° to CA.	39149	104.5	106.1	1.6	0.5	84				
					152 S_2 = 80° to CA; open folding, increase in $CaCO_3$.	39150	106.1	107.6	1.5	0.5	140				
					152.6 Pyritic Vqc 5m wide, 70° to CA.	39151	107.6	109.1	1.5	0.5	40				
					158 S_2 = 75° to CA.	39152	109.1	110.6	1.5	0.5	346				
					161.7-162.2 Pyritic, vuggy quartz-calcite-chlorite veining, 60° to CA.	39153	110.6	112.2	1.6	1.0	125				
					165.5 S_2 = 85° to CA; typical yellow sericite fracture cleavage.	39154	112.2	113.7	1.5	0.5	21				
					169 Decrease in deformation; sericite S_2 disappears; S_0/S_1 = 55° to CA;	39155	113.7	115.2	1.5	1.0	24				
					172.2-172.8 pyritic Vqc's, 65° to CA.	39156	115.2	116.7	1.5	1.0	46				
					175 S_0/S_1 = 60° to CA.	39157	116.7	118.3	1.6	1.0	45				
					180 S_0/S_1 = 60° to CA; weakly developed, yellow sericite S_2 at 80° to CA.	39158	118.3	119.8	1.5	0.5	21				
					180.5 Section of open folding; minor S_2.	39159	119.8	121.3	1.5	0.5	14				
					185 S_0/S_1 = 50° to CA.	39160	121.3	122.8	1.5	0.5	6				
					190 S_2 = 85° to CA.	39161	122.8	124.4	1.6	0.5	11				
					195 S_2 = 80° to CA.	39162	124.4	125.9	1.5	0.5	22				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 4/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					200 S_2 = 75° to CA.	39163	125.9	127.4	1.5	0.5	16				
					205 S_2 = 85° to CA.	39164	127.4	128.9	1.5	0.5	<5				
					208.5-209 Milky white quartz veining with chloritic selvages; trace pyrite.	39165	128.9	130.5	1.6	0.5	8				
					209.3 S_1 = 65° to CA.	39166	130.5	132.0	1.5	0.5	26				
						39167	132.0	133.5	1.5	0.5	14				
						39168	133.5	135.0	1.5	0.5	18				
						39169	135.0	136.6	1.6	0.5	<5				
						39170	136.6	138.1	1.5	0.5	<5				
						39171	138.1	139.6	1.5	0.5	6				
						39172	139.6	141.1	1.5	0.5	<5				
						39173	141.1	142.6	1.5	0.5	<5				
						39174	142.6	144.1	1.5	0.5	<5				
						39175	144.1	145.7	1.6	0.5	<5				
						39176	145.7	147.2	1.5	0.5	221				
						39177	147.2	148.7	1.5	1.0	45				
						39178	148.7	150.2	1.5	0.5	26				
						39179	150.2	151.8	1.6	0.5	30				
						39180	151.8	153.3	1.5	1.0	55				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 5/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
						39181	153.3	154.8	1.5	1.0	<5				
						39182	154.8	156.3	1.5	0.5	25				
						39183	156.3	157.9	1.6	0.5	15				
						39184	157.9	159.4	1.5	0.5	268				
						39185	159.4	160.9	1.5	0.5	11				
						39186	160.9	162.4	1.5	0.5	248				
						39187	162.4	164.0	1.6	0.5	15				
						39188	164.0	165.5	1.5	0.5	18				
						39189	165.5	167.0	1.5	0.5	21				
						39190	167.0	168.5	1.5	0.5	42				
						39191	168.5	170.1	1.6	0.5	92				
						39192	170.1	171.6	1.5	1.0	44				
						39193	171.6	173.1	1.5	0.5	104				
						39194	173.1	174.6	1.5	0.5	11				
						39195	174.6	176.2	1.5	0.5	49				
						39196	176.2	177.7	1.5	0.5	59				
						39197	177.7	179.2	1.5	0.5	32				
						39198	179.2	180.7	1.5	0.5	52				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 6/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
						39199	180.7	182.3	1.6	0.5	19				
						39200	182.3	183.8	1.5	0.5	61				
						39201	183.8	185.3	1.5	0.5	14				
						39202	185.3	186.8	1.5	0.5	26				
						39203	186.8	188.4	1.6	0.5	7				
						39204	188.4	189.9	1.5	0.5	52				
						39205	189.9	191.4	1.5	0.5	<5				
						39206	191.4	192.9	1.5	0.5	227				
						39207	192.9	194.5	1.6	0.5	<5				
						39208	194.5	196.0	1.5	0.5	<5				
						39209	196.0	197.5	1.5	0.5	66				
						39210	197.5	199.0	1.5	0.5	<5				
						39211	199.0	200.6	1.6	0.5	<5				
						39212	200.6	202.1	1.5	0.5	<5				
						39213	202.1	203.6	1.5	0.5	<5				
						39214	203.6	205.1	1.5	0.5	<5				
						39215	205.1	206.7	1.6	0.5	9				
						39216	206.7	208.2	1.5	0.5	190				
						39217	208.2	209.7	1.5	0.5	129				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-149 PAGE 7/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
209.7	233.5	99	85	3B, lt-lbt	INTERMEDIATE LAPILLI-TUFF/LAPILLI BOMB TUFF - weak calcium	39218	209.7	211.2	1.5	0.5	7				
					carbonatization, moderately deformed; weakly to moderately sericitized; fragments	39219	211.2	212.8	1.6	0.5	<5				
					are generally small bombs/coarse lapilli that have been stretched along S_1 to give	39220	212.8	214.3	1.5	0.5	<5				
					a local banded appearance; very minor quartz-carbonate veining; minor quartz-	39221	214.3	215.8	1.5	0.5	<5				
					carbonate (milky-white veining) minor disseminated pyrite.	39222	215.8	217.3	1.5	0.5	20				
					212.0 S_1 = 65° to CA; S_2 = 85° to CA.	39223	217.3	218.9	1.6	0.5	10				
					218.0 S_2 = 80° to CA.	39224	218.9	220.4	1.5	0.5	<5				
					222.0 S_1 = 65° to CA.	39225	220.4	221.9	1.5	0.5	<5				
					228.0 S_1 = 60° to CA; S_2 = 75° to CA.	39226	221.9	223.4	1.5	0.5	11				
					233.0 S_1 = 65° to CA; S_2 = 70° to CA.	39227	223.4	224.9	1.5	1.0	8				
						39228	224.9	226.4	1.5	0.5	60				
						39229	226.4	228.0	1.6	0.5	35				
						39230	228.0	229.5	1.5	0.5	9				
						39231	229.5	231.0	1.5	0.5	<5				
						39232	213.0	232.5	1.5	0.5	<5				
						39233	232.5	233.5	1.0	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	HOLE NO. LG96-149	PAGE 8/13	
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH		
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP		
COMPLETED	CLAIM	LOGGED BY	ELEVATION		
OBJECTIVE	CO-ORD.	DDH COM	LENGTH		

SURVEY DEPTH	DIP	AZIMUTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt			
233.5	235.0	97	40	F.Z.	FAULT ZONE - Sections of fault gouge or sericite slips at 70° to CA; locally	39234	233.5	235.0	1.5	0.5	<5				
					chloritic; sections of chloritic broken core; local bleaching; minor milky white										
					quartz veining.										
235.0	246.6	99	85	3B, t	INTERMEDIATE ASH TUFF - local strong deformation, iron carbonatization/	39235	235.0	237.1	2.1	0.5	15				
					sericitization; weak calcium carbonatization; minor grey white weakly pyritic quartz-	39236	237.1	238.6	1.5	0.5	348				
					carbonate veining subparallel to S_1/S_2.	39237	238.6	240.2	1.6	0.5	9				
					237 S_1 = 60° to CA.	39238	240.2	241.7	1.5	1.0	1086	0.89			
					240 S_1 = 65° to CA; S_2 = 65° to CA.	39239	241.7	243.2	1.5	1.0	49				
					245.5 S_2 = 85° to CA.	39240	243.2	244.7	1.5	0.5	24				
						39241	244.7	246.6	1.9	0.5	98				
246.6	271.4	99	65	3-4B, t	INTERMEDIATE TO FELSIC TUFF - strongly deformed with intense iron	39242	246.6	247.8	1.2	0.5	29				
					carbonate-sericite alteration and 30-50% milky white quartz veining; minor patchy	39243	247.8	249.3	1.5	0.5	23				
					disseminated pyrite.	39244	249.3	250.8	1.5	1.0	16				
					249 S_2 = 90° to CA.	39245	250.8	252.3	1.5	1.0	1293	1.53			
					253 S_2 = 85° to CA.	39246	252.3	253.8	1.5	1.0	<5				
					255 S_2 = 75° to CA.	39247	253.8	255.4	1.6	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG96-149 PAGE 9/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					258 S_2 = 75° to CA.	39248	255.4	256.9	1.5	0.5	18				
					260 S_2 = 75° to CA.	39249	256.9	258.5	1.6	0.5	34				
					262-268.6 Decrease in milky white quartgz-carbonate veining; local bands of lapilli	39250	258.5	260.0	1.5	1.0	<5				
					tuff; numerous fold noses; S_2 = 85° to CA.	39251	260.0	261.5	1.5	0.5	317				
					268.6-271.4 50% milky white quartz veining, S_2 = 85° to CA.	39252	261.5	263.0	1.5	0.5	28				
						39253	263.0	264.6	1.6	0.5	6				
						39254	264.6	266.1	1.5	0.5	<5				
						39255	266.1	267.6	1.5	0.5	<5				
						39256	267.6	269.1	1.5	0.5	<5				
						39257	269.1	270.7	1.6	0.5	63				
						39258	270.7	271.4	0.7	1.0	97				
271.4	297.1	99	85	4-3B, t	FELSIC TO INTERMEDIATE TUFF - dark grey to beige with cherty sections;	39259	271.4	272.2	0.8	0.5	88				
					strongly deformed with strongly developed S_2 foliations locally; minor disseminated	39260	272.2	273.7	1.5	0.5	23				
					pyrite; weak to moderate iron carbonate-sericite alteration; local sections of strong	39261	273.7	275.2	1.5	0.5	31				
					milky white quartz-carbonate veining.	39262	275.2	276.8	1.6	0.5	151				
					271.4-272.8 Brecciated/foliated/folded cherty tuff.	39263	276.8	278.3	1.5	0.5	32				
					273.3 S_2 = 85° to CA.	39264	278.3	279.8	1.5	0.5	10				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 10/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					276.3 S_2 = 85° to CA.	39265	279.8	281.3	1.5	0.5	75				
					279-281.6 30% milky white quartz-carbonate veining, S_2 = 60° to CA.	39266	281.3	282.8	1.5	1.0	45				
					286 S_1 = 35° to CA.	39267	282.8	284.3	1.5	0.5	11				
					290.9 S_2 = 80° to CA.	39268	284.3	285.9	1.6	0.5	68				
					291.9-291.3 Fault breccia/gouge, 65° to CA.	39269	285.9	287.4	1.5	0.5	12				
					292.5 S_2 = 80° to CA.	39270	287.4	289.0	1.6	0.5	139				
					294.5 S_2 = 80° to CA.	39271	289.0	290.5	1.5	0.5	18				
					296.7-297.1 Fault gouge, 60-90° to CA.	39272	290.5	292.0	1.5	0.5	104				
						39273	292.0	293.5	1.5	0.5	31				
						39274	293.5	295.1	1.6	0.5	8				
						39275	295.1	297.1	2.0	0.5	36				
297.1	312.6	99	85	4B, lt	FELSIC LAPILLI TUFF - grey to grey green, moderately deformed with weakly	39276	297.1	298.1	1.0	0.5	7				
					developed S_2; weak pervasive iron carbonate-sericite alteration; generally non-	39277	298.1	299.6	1.5	0.5	<5				
					mineralized with the exception of fine pyrite-lapilli locally; minor bombs.	39278	299.6	301.1	1.5	0.5	8				
					299.7 S_2 = 80° to CA.	39279	301.1	302.6	1.5	0.5	6				
					303 S_2 = 85° to CA.	39280	302.6	304.2	1.6	0.5	<5				
					306 S_1/S_2 = 70° to CA.	39281	304.2	305.7	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 11/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					309 S_1 = 90° to CA.	39282	305.7	307.2	1.5	0.5	11				
					312.5 S_2 = 45° to CA.	39283	307.2	308.7	1.5	0.5	13				
						39284	308.7	310.3	1.6	0.5	26				
						39285	310.3	311.8	1.5	0.5	17				
						39286	311.8	312.6	0.8	0.5	21				
312.6	343.5	98	50	4B, t/5E	FELSIC TUFF/LAMINATED TURBIDITIC SEDIMENTS - strongly deformed,	39287	312.6	313.3	0.7	0.5	6				
					muddy tuffs and very weakly graphitic (black chlorite-graphite mixture?) with locally	39288	313.3	314.8	1.5	0.5	11				
					cherty or silicified layers; 10-25% milky white quartz-carbonate veining; minor	39289	314.8	316.4	1.6	1.0	30				
					brown broken pyrite laminations or brassy pyrite fragments; aphanitic pyrite	39290	316.4	317.9	1.5	1.0	21				
					laminations locally; unit resembles a graphite poor GQC unit intercalated with cherty	39291	317.9	319.4	1.5	1.0	21				
					tuffs in places; numerous sections of broken core, fault breccia and fault gouge;	39292	319.4	320.9	1.5	1.0	72				
					definite high strain zone.	39293	320.9	322.5	1.6	2.0	85				
					314.4 S_2 = 85° to CA.	39294	322.5	324.0	1.5	1.0	12				
					317 S_2 = 75° to CA.	39295	324.0	325.5	1.5	1.0	15				
					319.5 Trace chalcopyrite in milky white quartz vein.	39296	325.5	327.0	1.5	1.0	11				
					319.9-323.7 Higher strain; increase in quartz-carbonate veining; patchy pyrite	39297	327.0	328.6	1.6	0.5	26				
					mineralization, fault breccia sections; local S_2 at higher angles to CA.	39298	328.6	330.1	1.5	0.5	27				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 12/13

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					325 S_1/S_2 = 80° to CA.	39299	330.1	331.6	1.5	0.5	96				
					329 S_1/S_2 = 65° to CA.	39300	331.6	333.1	1.5	0.5	6				
					333 S_1/S_2 = 60° to CA.	39301	333.1	334.7	1.6	0.5	23				
					334.5-338 Numerous sections of fault gouge/broken core; minor milky white quartz-	39302	334.7	336.2	1.5	0.5	24				
					carbonate veining; minor silicification; highly variable S_1 and S_2 foliations; high	39303	336.2	337.7	1.5	0.5	31				
					strain zone.	39304	337.7	339.2	1.5	0.5	33				
					340.5 S_1 = 40° to CA.	39305	339.2	340.8	1.6	0.5	21				
					342.3 S_1 = 55° to CA; cherty layering.	39306	340.8	342.3	1.5	0.5	966				
					343.5 Quartz veined, deformed lower contact.	39307	342.3	343.5	1.2	0.5	67				
343.5	361.0	98	80	4B, lt	FELSIC LAPILLI, TUFF - strongly quartz veined upper section with sericite-rich	39308	343.5	345.4	1.9	1.0	18				
					selvages; alteration decreases downhole; weak pyrite mineralization along quartz	39309	345.4	346.9	1.5	0.5	81				
					vein margins; weak to moderately deformed with deformation decreasing downhole.	39310	346.9	348.4	1.5	0.5	29				
					343.5-346.7 70% milky white quartz-carbonate veining; sericitic selvages; trace	39311	348.4	349.9	1.5	1.0	<5				
					pyrite; minor chlorite.	39312	349.9	351.4	1.5	0.5	<5				
					346.7-355.5 Low angle openly folded quartz veining with minor pyrite along vein	39313	351.4	353.0	1.6	1.0	10				
					margins; strong iron carbonate-sericite altered clast, S_1 = 40-45° to CA.	39314	353.0	354.5	1.5	0.5	<5				
					359 S_0/S_1 = 45° to CA.	39315	354.5	356.0	1.5	0.5	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG96-149 PAGE 13/13

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
					361 S_0/S_1 = 30° to CA.	39316	356.0	357.5	1.5	0.5	11				
						39317	357.5	359.1	1.6	0.5	6				
						39318	359.1	360.6	1.5	0.5	6				
						39319	360.6	361.7	1.1	0.5	15				
	361.0			E.O.H.	End of Hole.										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	Sudury Contact Mines Ltd.	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	Walhanna	DISTRICT	Larder	CONTRACTOR	Benoit
COMMENCED	July 29/96	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Aug. 2 - /96
COMPLETED	July 31/96	CLAIM	37259	LOGGED BY	D. Jamieson
OBJECTIVE	Main Horizon	CO-ORD.	9+00E, 1+25N	DDH COM	

SURVEY DEPTH	DIP	AZIMUTH
60	53	MAG
75	53	MAG
100	49	MAG
150	48	MAG

HOLE NO. L96-151	PAGE 1/6
COLLAR AZIMUTH	180
COLLAR DIP	-55
ELEVATION	
LENGTH	290.66

INTERVAL M ■ Ft □		% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
0	49			OVB	Casing.										
49	61.9	90	40	3-4B,t	INTERMEDIATE TO FELSIC TUFF - strong iron carbonate-sericite alteration; well	39040	51.2	52.7	1.5	0.5	8				
					foliated grey to beige, mottled, with minor quartz-carbonate veining.	39041	52.7	54.3	1.6	0.5	10				
					S_0/S_1 = 75° to CA.										
61.9	81.3	93	30	GQC/F.Z.	GRAPHITE-QUARTZ-CARBONATE/FAULT ZONE - 50% milky white to grey	39042	61.9	63.4	1.5	0.5	12				
					quartz-carbonate veining of sericitized tuff and graphitic sediments; badly broken	39043	63.4	64.7	1.3	0.5	<5				
					core/minor graphitic slips and fault gouge; local silicification; minor to 1% Fg	39044	64.7	66.5	1.8	0.5	<5				
					disseminated pyrite; fault slips/foliation tend to be at high angles to the CA; traces	39045	66.5	68.0	1.5	0.5	<5				
					chalcopyrite.	39046	68.0	69.5	1.5	1.0	7				
					72.54-75.59 0.7m lost core.	39047	69.5	71.0	1.5	0.5	32				
					75.59-78.64 0.3m lost core.	39048	71.0	72.5	1.5	0.5	11				
					78.64-81.3 0.5m lost core.	39049	72.5	75.6	3.1	0.5	9				
						39050	75.6	77.1	1.5	0.5	55				
						39051	77.1	78.6	1.5	0.5	18				
						39052	78.6	80.1	1.5	1.0	19				
						39053	80.1	81.3	1.2	0.5	44				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE
PROPERTY	DISTRICT	CONTRACTOR
COMMENCED	TWP/LAT.LONG.	DATE LOGGED
COMPLETED	CLAIM	LOGGED BY
OBJECTIVE	CO-ORD.	DDH COM

SURVEY DEPTH	DIP	AZIMUTH
175	49	
200	49	194
250	47	198

HOLE NO. L96-151 PAGE 2/6

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				
81.3	151.8	99	80	3B, t	INTERMEDIATE TUFF - mottled grey, strongly deformed calcium carbonatized,	39054	81.3	83.2	1.9	0.5	<5				
					iron carbonatized, sericitized, minor sections of lost core/broken core/fault gouge;										
					trace pyrite locally.										
					84 S_1 = 60° to CA.										
					89.5 S_2 = 85° to CA.										
					94 S_1/S_2 = 80° to CA.										
					98.5 S_2 = 85° to CA.										
					104.5 S_2 = 45° to CA.										
					112 S_2 = 45° to CA.										
					115.21-118.26 0.1m lost core; S_2 = 45° to CA.										
					127 S_2 = 50° to CA.										
					133 S_2 = 50° to CA.										
					137.5 Fault gouge/S_2 = 80° to CA; trace pyrite.										
					141 S_2 = 70° to CA.										
					146 S_1 = 45° to CA.	39055	148.7	150.2	1.5	0.5	<5				
					151 S_1/S_2 = 60° to CA.	39056	150.2	151.8	1.6	0.6	<5				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-151 PAGE 3/6

COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
151.8	181.5	99	80	GQC/4B, t	GRAPHITE-QUARTZ-CARBONATE/FELSIC TUFF - strongly deformed pyritic	39057	151.8	153.3	1.5	1.0	<5				
					calcium carbonatized; weak silicification, sericitization locally; local cherty muddy	39058	153.3	154.8	1.5	2.0	10				
					laminated, pyritic sediments.	39059	154.8	156.3	1.5	2.0	13				
					151.8-154 Mottled grey-green graphitic tuff; S_2 = 50° to CA; trace pyrite.	39060	156.3	157.9	1.6	3.0	42				
					154-158.6 Highly contorted GQC, weakly silicified S_2 generally as sheared fold	39061	157.9	159.4	1.5	2.0	38				
					limbs + S_2 fold axis at high angles to CA; 1-2% pyrite overall.	39062	159.4	160.9	1.5	1.0	<5				
					158.6-161.7 Strongly deformed crystal tuff; trace pyrite	39063	160.9	161.7	0.8	1.0	20				
					161,7-167 Pyritic GQC; 3-4% pyrite as Fg semi=massive folded laminations and	39064	161.7	162.5	0.8	3.0	110				
					as Fg to Mg disseminations; minor muddy tuff with 5% Fg disseminated pyrite.	39065	162.5	164.0	1.5	3.0	337				
					167-169 Pyritic silicified, cherty mudstone, strongly folded with S_2 fold axis at	39066	164.0	165.5	1.5	4.0	425				
					50° to CA; 3-4% pyrite as VFg disseminations.	39067	165.5	167.0	1.5	3.0	62				
					169-170.2 Openly folded graphitic tuff, calcium carbonatized, silicified, less pyrite	39068	167.0	167.7	0.7	2.0	206				
					than previous section.	39069	167.7	169.0	1.3	4.0	3772	3.37			
					170.2-177 Weakly graphitic, deformed, calcium carbonatized tuff; local broken	39070	169.0	170.1	1.1	2.0	222				
					pyritic layers, minor Fg disseminated pyrite; S_0/S_1 generally at low angles to CA.	39071	170.1	171.6	1.5	1.0	91				
					177-181.5 Silicified, pyritic, GQC, local cherty sections; yellow sericitic tuff bands;	39072	171.6	173.1	1.5	1.0	19				
					massive pyrite band at 179.2-179.3; 2-3% pyrite overall; broken lower contact	39073	173.1	174.6	1.5	1.0	34				
					with barren milky white quartz-carbonate vein; S_1/S_2 = 70° to CA.	39074	174.6	176.1	1.5	1.0	20				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-151 PAGE 4/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
						39075	176.1	177.6	1.5	2.0	109				
						39076	177.6	179.2	1.6	2.0	154				
						39077	179.2	180.7	1.5	3.0	512	0.53			
						39078	180.7	181.5	0.8	2.0	254				
181.5	192.2	99	85	4B, t	FELSIC TUFF - light grey to beige, aphanitic tuff or sediment; numerous cherty	39079	181.5	182.3	0.8	0.5	19				
					sections, trace to 1% pyrite.	39080	182.3	183.8	1.5	0.5	<5				
					183.3 S_0/S_1 = 60° to CA.	39081	183.8	185.3	1.5	0.5	<5				
					185 S_0/S_1 = 45° to CA.	39082	185.3	186.8	1.5	0.5	<5				
					188.5 S_0/S_1 = 45° to CA.	39083	186.8	188.4	1.6	0.5	<5				
					191.5 S_0/S_1 = 65° to CA.	39084	188.4	189.9	1.5	0.5	<5				
						39085	189.9	191.4	1.5	05	<5				
						39086	191.4	192.2	0.8	0.5	9				
192.2	208.2	99	85	4B, t/GQC	FELSIC TUFF/GRAPHITIC TUFF/GRAPHITE-QUARTZ-CARBONATE - grey	39087	192.2	193.0	0.8	1.0	945	0.83			
					calcium carbonatized, coarse ash tuff to lapilli tuff with bands of graphitic tuff or	39088	193.0	194.5	1.5	1.0	9080	9.50			
					GQC, strongly deformed, with locally developed S_2 at high angles to the core axis;	39089	194.5	196.0	1.5	1.0	71				
					1-2% pyrite as laminations, lapilli and disseminations.	39090	196.0	197.5	1.5	1.0	20				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH
PROPERTY	DISTRICT	CONTRACTOR			
COMMENCED	TWP/LAT.LONG.	DATE LOGGED			
COMPLETED	CLAIM	LOGGED BY			
OBJECTIVE	CO-ORD.	DDH COM			

HOLE NO. L96-151 PAGE 5/6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RSC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
					192.2-192.5 GQC - minor gouge 65° to CA; pyritic lower contact.	39091	197.5	199.0	1.5	1.0	10				
					192.5-196.2 Weakly graphitic pyritic ash tuff; S_2 = 85-90° to CA; minor grey Vqc	39092	199.0	200.6	1.6	2.0	19				
					(pyritic).	39093	200.6	202.1	1.5	1.0	10				
					196.2-196.7 Graphitic tuff; S_1 = 65° to CA.	39094	202.1	203.6	1.5	0.5	6				
					199.2-202.7 Pyritic graphitic tuff, S_1 = 70° to CA; S_2 = 85° to CA.	39095	203.6	205.1	1.5	0.5	<5				
					202.7-208.2 Weakly deformed, relatively unaltered, non-mineralized; S_1 = 60°	39096	205.1	206.7	1.6	0.5	<5				
					to CA.	39097	206.7	208.2	1.5	0.5	13				
208.2	218.1	99	90	4B, lbt	FELSIC LAPILLI BOMB TUFF - heterolithic, coarse subround fragments with	39098	208.2	209.7	1.5	0.5	<5				
					S_0/S_1 = 45° to CA; relatively unaltered and non-mineralized, moderate calcium										
					carbonatization.										
218.1	235.3	99	90	4B, t	FELSIC TUFF - light grey-green to beige, aphanitic to fine grained ash tuff;										
					pervasive calcium and iron carbonatization; relatively undeformed and non-										
					mineralized; S_0/S_1 = 50° to CA.										
235.3	270.66	99	84	3B, t-lt	INTERMEDIATE TUFF - dark green, weakly deformed, local weak iron										
					carbonate, yellow sericite alteration.	39099	252.4	253.9	1.5	1.0	13				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
TORONTO, ONTARIO, CANADA

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L96-151 PAGE 6/6
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP
COMPLETED	CLAIM	LOGGED BY				ELEVATION
OBJECTIVE	CO-ORD.	DDH COM				LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/t			
					237.0 S_0/S_1 = 45° to CA.	39100	253.9	255.4	1.5	1.0	22				
					240.0 S_0/S_1 = 50° to CA.	39101	255.4	256.9	1.5	1.0	21				
					243.5 S_0/S_1 = 35° to CA.	39102	256.9	258.5	1.6	0.5	15				
					246.5 S_0/S_1 = 40° to CA.	39103	258.5	260.0	1.5	0.5	30				
					250.0 S_0/S_1 = 55° to CA.	39104	260.0	261.5	1.5	0.5	<5				
					253.0 S_0/S_1 = 50° to CA.	39105	261.5	263.0	1.5	1.0	8				
					258 S_0/S_1 = 50° to CA; S_2 = 45° to CA (conjugate).	39106	263.0	264.6	1.6	1.0	1938	2.44			
					261.4 S_0/S_1 = 30° to CA; S_2 = 40° to CA (conjugate).	39107	264.6	266.1	1.5	1.0	72				
					261.4-270.66 50% milky white quartz-carbonate veining with chlorite and yellow	39108	266.1	267.6	1.5	0.5	57				
					sericite vein selvages; tuff is sericitized and strongly deformed; minor pyrite	39109	267.6	269.1	1.5	0.5	10				
					disseminations and fragments; S_2 = 80-90° to CA.	39110	269.1	270.66	1.56	0.5	120				
	270.66			E.O.H.	End of Hole.										

APPENDIX C - GOLD ANALYTICAL RESULTS

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62806.0 (COMPLETE) DATE PRINTED: 15-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39001		<5	39041		10
39002		<5	39042		12
39003		7	39043		<5
39004		<5	39044		<5
39005		<5	39045		<5
39006		9	39046		7
39007		30	39047		32
39008		7	39048		11
39009		<5	39049		9
39010		6	39050		55
39011		<5	39051		18
39012		<5	39052		19
39013		<5	39053		44
39014		<5	39054		<5
39015		<5	39055		<5
39016		13	39056		<5
39017		10	39057		<5
39018		<5	39058		10
39019		<5	39059		13
39020		<5	39060		42
39021		<5	39061		38
39022		9	39062		<5
39023		24	39063		20
39024		37	39064		110
39025		<5	39065		337
39026		7	39066		425
39027		<5	39067		62
39028		<5	39068		206
39029		<5			
39030		8			
39031		7			
39032		10			
39033		<5			
39034		5			
39035		56			
39036		7			
39037		9			
39038		<5			
39039		<5			
39040		8			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62806.0 (COMPLETE) DATE PRINTED: 15-AUG-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		1097			
Number of Analyses		1			
Mean Value		1097.0			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		203			
Number of Analyses		1			
Mean Value		203.0			
Standard Deviation		-			
Accepted Value		206			
Gannet Standard		1605			
Number of Analyses		1			
Mean Value		1605.0			
Standard Deviation		-			
Accepted Value		1590			

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REPORT: C96-62806.0 (COMPLETE) DATE PRINTED: 15-AUG-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39006		9			
Prep Duplicate		8			
39007		30			
Duplicate		35			
39029		<5			
Duplicate		<5			
39047		32			
Prep Duplicate		22			
39050		55			
Duplicate		60			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191 202
REPORT: C96-62831.0 (COMPLETE) DATE PRINTED: 20-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39069		3772	39109		10
39070		222	39110		120
39071		91			
39072		19			
39073		34			
39074		20			
39075		109			
39076		154			
39077		512			
39078		254			
39079		19			
39080		<5			
39081		<5			
39082		<5			
39083		<5			
39084		<5			
39085		<5			
39086		9			
39087		945			
39088		9080			
39089		71			
39090		20			
39091		10			
39092		19			
39093		10			
39094		6			
39095		<5			
39096		<5			
39097		13			
39098		<5			
39099		13			
39100		22			
39101		21			
39102		15			
39103		30			
39104		<5			
39105		8			
39106		1938			
39107		72			
39108		57			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62831.0 (COMPLETE) DATE PRINTED: 20-AUG-96

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		2			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		1069			
Number of Analyses		1			
Mean Value		1069.0			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		211			
Number of Analyses		1			
Mean Value		211.0			
Standard Deviation		-			
Accepted Value		206			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62831.0 (COMPLETE) DATE PRINTED: 20-AUG-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39070		222			
Duplicate		213			
39082		<5			
Prep Duplicate		20			
39092		19			
Duplicate		23			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62831.1 (COMPLETE) DATE PRINTED: 22-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
39069		3.37
39077		0.53
39087		0.83
39088		9.50
39106		2.44

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63594.0 (COMPLETE) DATE PRINTED: 20-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39111		18
39112		<5
39113		<5
39114		125
39115		<5
39116		11
39117		9
39118		12
39119		12
39120		<5
39121		54
39122		36

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63594.0 (COMPLETE) DATE PRINTED: 20-SEP-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
Number of Analyses		1
Mean Value		2.5
Standard Deviation		-
Accepted Value		5
Gannet Standard		395
Number of Analyses		1
Mean Value		394.8
Standard Deviation		-
Accepted Value		410

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63594.0 (COMPLETE) DATE PRINTED: 20-SEP-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39115		<5
Duplicate		<5

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Inchcape Testing Services
Chimitec Ltée

CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63617.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39123		20
39124		160
39125		10
39126		25
39127		163
39128		17
39129		64
39130		56
39131		52
39132		<5
39133		6
39134		<5
39135		<5
39136		<5
39137		<5
39138		24
39139		49
39140		49
39141		71
39142		6
39143		57
39144		31
39145		6
39146		31
39147		15
39148		27
39149		84
39150		140
39151		40
39152		346
39153		125
39154		21
39155		24
39156		46
39157		45
39158		21
39159		14
39160		6

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63617.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
ANALYTICAL BLANK		<5
Number of Analyses		2
Mean Value		2.5
Standard Deviation		0.00
Accepted Value		5
Gannet Standard		195
Number of Analyses		1
Mean Value		194.6
Standard Deviation		-
Accepted Value		206
Gannet Standard		1540
Number of Analyses		1
Mean Value		1540.3
Standard Deviation		-
Accepted Value		1590

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63617.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39130		56
Duplicate		58
39149		84
Prep Duplicate		34
39152		346
Duplicate		256

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63662.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39161		11	39201		14
39162		22	39202		26
39163		16	39203		7
39164		5	39204		52
39165		8	39205		<5
39166		26	39206		227
39167		14	39207		<5
39168		18	39208		<5
39169		<5	39209		66
39170		<5	39210		<5
39171		6	39211		<5
39172		<5	39212		<5
39173		<5	39213		<5
39174		<5	39214		<5
39175		<5	39215		9
39176		221	39216		190
39177		45	39217		129
39178		26	39218		7
39179		30	39219		<5
39180		55	39220		<5
39181		<5	39221		5
39182		25	39222		20
39183		15	39223		10
39184		268	39224		<5
39185		11	39225		<5
39186		248	39226		11
39187		15	39227		8
39188		18	39228		60
39189		21	39229		35
39190		42	39230		9
39191		92			
39192		44			
39193		104			
39194		11			
39195		49			
39196		59			
39197		32			
39198		52			
39199		19			
39200		61			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63662.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		178			
Number of Analyses		1			
Mean Value		178.0			
Standard Deviation		-			
Accepted Value		206			
Gannet Standard		1518			
Number of Analyses		1			
Mean Value		1517.9			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		381			
Number of Analyses		1			
Mean Value		381.2			
Standard Deviation		-			
Accepted Value		410			
AU167		178			
Number of Analyses		1			
Mean Value		178.0			
Standard Deviation		-			
Accepted Value		167			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63662.0 (COMPLETE) DATE PRINTED: 25-SEP-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39163		16			
Duplicate		22			
39174		<5			
Prep Duplicate		<5			
39185		11			
Duplicate		7			
39206		227			
Duplicate		178			
39211		<5			
Prep Duplicate		<5			
39228		60			
Duplicate		64			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63663.0 (COMPLETE) DATE PRINTED: 26-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39231		<5	39271		18
39232		<5	39272		104
39233		<5	39273		31
39234		<5	39274		8
39235		15	39275		36
39236		348	39276		7
39237		9	39277		<5
39238		1086	39278		8
39239		49	39279		6
39240		24	39280		<5
39241		98	39281		<5
39242		29	39282		11
39243		23	39283		13
39244		16	39284		26
39245		1293	39285		17
39246		<5	39286		21
39247		<5	39287		6
39248		18	39288		11
39249		34	39289		30
39250		<5	39290		21
39251		317	39291		21
39252		28	39292		72
39253		6	39293		85
39254		<5	39294		12
39255		<5	39295		15
39256		<5	39296		11
39257		63	39297		26
39258		97	39298		27
39259		88	39299		96
39260		23	39300		6
39261		31			
39262		151			
39263		32			
39264		10			
39265		75			
39266		45			
39267		11			
39268		68			
39269		12			
39270		139			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63663.0 (COMPLETE) DATE PRINTED: 26-SEP-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		1632			
Number of Analyses		1			
Mean Value		1631.7			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		392			
Number of Analyses		1			
Mean Value		392.5			
Standard Deviation		-			
Accepted Value		410			
AU167		171			
Number of Analyses		1			
Mean Value		171.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1056			
Number of Analyses		1			
Mean Value		1056.2			
Standard Deviation		-			
Accepted Value		1080			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63663.0 (COMPLETE) DATE PRINTED: 26-SEP-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39234		<5			
Duplicate		6			
39255		<5			
Prep Duplicate		7			
39256		<5			
Duplicate		<5			
39277		<5			
Duplicate		10			
39288		11			
Prep Duplicate		10			
39299		96			
Duplicate		131			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD.
REPORT: C96-63695.0 (COMPLETE)

PROJECT: 191
DATE PRINTED: 26-SEP-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39301		23
39302		24
39303		31
39304		33
39305		21
39306		966
39307		67
39308		18
39309		81
39310		29
39311		<5
39312		<5
39313		10
39314		<5
39315		<5
39316		11
39317		6
39318		6
39319		15

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-63695.0 (COMPLETE) DATE PRINTED: 26-SEP-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39306		966
Duplicate		991

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CERTIFICAT D'ANALYSE

DATE PRINTED: 14-JUN-96

REPORT: C96-61858.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40001		7	40041		126
40002		7	40042		47
40003		<5	40043		6
40004		9	40044		19
40005		6	40045		285
40006		6	40046		27
40007		<5	40047		11
40008		<5	40048		8
40009		<5	40049		8
40010		15	40050		21
40011		9	40051		13
40012		7	40052		12
40013		<5	40053		32
40014		8	40054		<5
40015		<5	40055		8
40016		<5	40056		8
40017		18	40057		<5
40018		60	40058		23
40019		20	40059		8
40020		40	40060		<5
40021		24	40061		9
40022		16	40062		12
40023		<5	40063		7
40024		68	40064		225
40025		6	40065		353
40026		7	40066		<5
40027		11	40067		34
40028		46	40068		9
40029		181	40069		<5
40030		47	40070		6
40031		202	40071		<5
40032		522	40072		8
40033		11	40073		6
40034		35	40074		<5
40035		39	40075		<5
40036		<5	40076		<5
40037		25	40077		<5
40038		19	40078		<5
40039		94	40079		<5
40040		2030	40080		<5

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CERTIFICAT D'ANALYSE

DATE PRINTED: 14-JUN-96

REPORT: C96-61858.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40081		<5			
40082		<5			
40083		11			
40084		27			
40085		17			
40086		<5			
40087		<5			
40088		<5			
40089		<5			
40090		<5			
40091		<5			
40092		87			
40093		<5			
40094		<5			
40095		9			
40096		<5			
40097		<5			
40098		<5			
40099		<5			
40100		1301			
40101		<5			
40102		<5			
40103		<5			
40104		<5			
40105		22			

MB

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CERTIFICAT D'ANALYSE

DATE PRINTED: 14-JUN-96

REPORT: C96-61858.0 (COMPLETE)

PROJECT: 191

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		5			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		1682			
Number of Analyses		1			
Mean Value		1682.5			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		445			
Number of Analyses		1			
Mean Value		445.3			
Standard Deviation		-			
Accepted Value		410			
Gannet Standard		2611			
Number of Analyses		1			
Mean Value		2611.3			
Standard Deviation		-			
Accepted Value		2520			
Gannet Standard		1061			
Number of Analyses		1			
Mean Value		1061.5			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		212			
Number of Analyses		1			
Mean Value		211.6			
Standard Deviation		-			
Accepted Value		210			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 14-JUN-96

REPORT: C96-61858.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40009		<5			
Duplicate		<5			
40015		<5			
Prep Duplicate		7			
40031		202			
Duplicate		267			
40041		126			
Prep Duplicate		113			
40052		12			
Duplicate		<5			
40074		<5			
Duplicate		<5			
40084		27			
Prep Duplicate		17			
40095		9			
Duplicate		<5			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 14-JUN-96

REPORT: C96-61858.1 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40032		0.65
40040		1.95
40100		1.23

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CERTIFICAT D'ANALYSE

DATE PRINTED: 19-JUN-96

REPORT: C96-61894.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40106		8	40146		10
40107		<5	40147		9
40108		<5	40148		7
40109		26	40149		<5
40110		53	40150		5
40111		<5	40151		13
40112		12	40152		15
40113		10	40153		12
40114		7	40154		<5
40115		16	40155		10
40116		<5	40156		7
40117		18	40157		13
40118		52	40158		47
40119		65	40159		18
40120		<5	40160		1291
40121		<5	40161		249
40122		<5	40162		647
40123		28			
40124		<5			
40125		<5			
40126		<5			
40127		<5			
40128		5			
40129		26			
40130		<5			
40131		<5			
40132		<5			
40133		<5			
40134		7			
40135		263			
40136		12			
40137		<5			
40138		393			
40139		6286			
40140		70			
40141		242			
40142		36			
40143		21			
40144		9			
40145		10			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 19-JUN-96

REPORT: C96-61894.0 (COMPLETE)

PROJECT: 191

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		410			
Number of Analyses		1			
Mean Value		409.7			
Standard Deviation		-			
Accepted Value		410			
Gannet Standard		2655			
Number of Analyses		1			
Mean Value		2654.8			
Standard Deviation		-			
Accepted Value		2520			
AU167		161			
Number of Analyses		1			
Mean Value		161.0			
Standard Deviation		-			
Accepted Value		167			

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DATE PRINTED: 19-JUN-96

REPORT: C96-61894.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40110		53			
Duplicate		39			
40123		28			
Prep Duplicate		17			
40132		<5			
Duplicate		<5			
40153		12			
Duplicate		8			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 19-JUN-96

REPORT: C96-61894.1 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40139		7.03
40160		1.27
40162		0.65

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CERTIFICAT D'ANALYSE

DATE PRINTED: 11-JUL-96

REPORT: C96-62150.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40239		<5
40240		<5
40241		<5
40242		<5
40243		<5
40244		<5
40245		7
40246		<5
40247		<5
40248		<5
40249		<5
40250		<5
40251		<5
40252		<5
40253		<5
40254		<5
40255		<5
40256		<5
40257		<5
40258		<5
40259		<5
40260		<5
40261		<5
40262		<5
40263		<5
40264		<5
40265		6
40266		<5
40267		<5
40268		<5
40269		<5
40270		<5
40271		<5
40272		9
40273		<5
40274		34
40275		42

MCB

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CERTIFICAT D'ANALYSE

DATE PRINTED: 11-JUL-96

REPORT: C96-62150.0 (COMPLETE)

PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
ANALYTICAL BLANK		<5
Number of Analyses		2
Mean Value		2.5
Standard Deviation		<0.01
Accepted Value		5
Gannet Standard		2520
Number of Analyses		1
Mean Value		2520.0
Standard Deviation		-
Accepted Value		2520
Gannet Standard		1128
Number of Analyses		1
Mean Value		1128.0
Standard Deviation		-
Accepted Value		1080

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DATE PRINTED: 11-JUL-96

REPORT: C96-62150.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40239		<5
Duplicate		<5
40247		<5
Prep Duplicate		<5
40261		<5
Duplicate		<5

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DATE PRINTED: 17-JUL-96

REPORT: C96-62279.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40276		17	40316		9
40277		6	40317		517
40278		43	40318		799
40279		63	40319		300
40280		727	40320		1275
40281		35	40321		405
40282		30	40322		16
40283		189	40323		23
40284		59	40324		257
40285		11	40325		17
40286		66	40326		11
40287		1021	40327		15
40288		118	40328		15
40289		22	40329		16
40290		29	40330		40
40291		<5	40331		52
40292		319	40332		25
40293		14	40333		22
40294		7	40334		<5
40295		14	40335		<5
40296		818	40336		<5
40297		54	40337		<5
40298		6	40338		<5
40299		10	40339		<5
40300		26	40340		6
40301		11	40341		18
40302		11	40342		42
40303		50	40343		<5
40304		12	40344		<5
40305		362	40345		<5
40306		95	40346		<5
40307		49	40347		<5
40308		251	40348		<5
40309		107	40349		<5
40310		1342	40350		<5
40311		284	40351		<5
40312		61	40352		<5
40313		142			
40314		1911			
40315		46			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 17-JUL-96

REPORT: C96-62279.0 (COMPLETE)

PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
AU167		182			
Number of Analyses		1			
Mean Value		182.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1108			
Number of Analyses		1			
Mean Value		1108.3			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		213			
Number of Analyses		1			
Mean Value		213.0			
Standard Deviation		-			
Accepted Value		206			

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CERTIFICAT D'ANALYSE

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REPORT: C96-62279.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40285		11			
Duplicate		16			
40307		49			
Duplicate		46			
40308		251			
Prep Duplicate		174			
40328		15			
Duplicate		12			
Prep Duplicate		16			
40350		<5			
Duplicate		<5			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 21-JUL-96

REPORT: C96-62279.1 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40280		0.59
40287		0.88
40296		0.74
40310		0.97
40314		1.90
40317		0.52
40318		0.75
40320		0.94

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REPORT: C96-62279.1 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40317		0.52
Duplicate		0.43

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CERTIFICAT D'ANALYSE

DATE PRINTED: 12-JUL-96

REPORT: C96-62191.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40353		9
40354		<5
40355		5
40356		14
40357		7
40358		<5
40359		<5
40360		<5
40361		<5
40362		7
40363		19
40364		16
40365		7
40366		39
40367		15
40368		9
40369		21
40370		14
40371		<5
40372		<5
40373		4425
40374		28
40375		<5

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DATE PRINTED: 12-JUL-96

REPORT: C96-62191.0 (COMPLETE)

PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
Number of Analyses		1
Mean Value		2.5
Standard Deviation		-
Accepted Value		5
Gannet Standard		1063
Number of Analyses		1
Mean Value		1062.9
Standard Deviation		-
Accepted Value		1080

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40354		<5
Duplicate		<5

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40373		3.88

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CERTIFICAT D'ANALYSE

DATE PRINTED: 10-JUL-96

REPORT: C96-62178.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40376		<5	40416		169
40377		15	40417		627
40378		34	40418		42
40379		<5	40419		<5
40380		<5	40420		<5
40381		<5	40421		39
40382		<5	40422		<5
40383		<5	40423		<5
40384		7	40424		<5
40385		<5	40425		<5
40386		73	40426		10
40387		184	40427		<5
40388		75	40428		13
40389		<5	40429		<5
40390		<5	40430		<5
40391		<5	40431		18
40392		<5	40432		13
40393		200	40433		6
40394		70	40434		43
40395		48	40435		<5
40396		<5	40436		<5
40397		<5	40437		<5
40398		<5	40438		<5
40399		<5			
40400		33			
40401		16			
40402		100			
40403		352			
40404		36			
40405		<5			
40406		<5			
40407		5			
40408		<5			
40409		<5			
40410		6			
40411		54			
40412		6			
40413		227			
40414		727			
40415		292			

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REPORT: C96-62178.0 (COMPLETE)

PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		1626			
Number of Analyses		1			
Mean Value		1626.4			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		414			
Number of Analyses		1			
Mean Value		414.2			
Standard Deviation		-			
Accepted Value		410			
Gannet Standard		2574			
Number of Analyses		1			
Mean Value		2573.7			
Standard Deviation		-			
Accepted Value		2520			

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DATE PRINTED: 10-JUL-96

REPORT: C96-62178.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40384		7			
Duplicate		<5			
40403		352			
Prep Duplicate		373			
40406		<5			
Duplicate		<5			
40427		<5			
Duplicate		<5			
40430		<5			
Prep Duplicate		<5			

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40414		0.75
40417		0.62

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CERTIFICAT D'ANALYSE

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REPORT: C96-62193.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40439		<5	40479		<5
40440		<5	40480		<5
40441		<5	40481		<5
40442		<5	40482		8
40443		<5	40483		7
40444		<5	40484		<5
40445		<5	40485		9
40446		<5	40486		28
40447		<5	40487		18
40448		<5	40488		<5
40449		6	40489		<5
40450		<5	40490		<5
40451		<5	40491		<5
40452		<5	40492		6
40453		<5	40493		<5
40454		<5	40494		<5
40455		<5	40495		<5
40456		<5	40496		6
40457		18	40497		<5
40458		10	40498		6
40459		19	40499		<5
40460		9	40500		20
40461		9	40501		<5
40462		12	40502		172
40463		7	40503		21
40464		78	40504		<5
40465		10	40505		12
40466		13	40506		21
40467		22	40507		<5
40468		<5	40508		17
40469		12	40509		155
40470		61	40510		1148
40471		25	40511		2856
40472		<5	40512		3587
40473		34	40513		290
40474		121	40514		20
40475		6	40515		55
40476		<5	40516		46
40477		8	40517		113
40478		<5	40518		14

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PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		1617			
Number of Analyses		1			
Mean Value		1617.1			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		407			
Number of Analyses		1			
Mean Value		407.2			
Standard Deviation		-			
Accepted Value		410			
AU167		177			
Number of Analyses		1			
Mean Value		177.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1066			
Number of Analyses		1			
Mean Value		1066.0			
Standard Deviation		-			
Accepted Value		1080			

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DATE PRINTED: 12-JUL-96
REPORT: C96-62193.0 (COMPLETE)
PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40442		<5			
Duplicate		<5			
40455		<5			
Prep Duplicate		<5			
40464		78			
Duplicate		134			
40485		9			
Duplicate		15			
40499		<5			
Prep Duplicate		<5			
40507		<5			
Duplicate		6			

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REPORT: C96-62193.1 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40510		1.27
40511		3.15
40512		3.33

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DATE PRINTED: 12-JUL-96

REPORT: C96-62194.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40519		11	40559		130
40520		34	40560		15
40521		13	40561		<5
40522		15	40562		<5
40523		12	40563		6
40524		7	40564		521
40525		<5	40565		693
40526		<5	40566		113
40527		<5	40567		28
40528		16	40568		41
40529		<5	40569		415
40530		<5	40570		7
40531		<5	40571		<5
40532		<5	40572		167
40533		7	40573		11
40534		<5	40574		<5
40535		107	40575		<5
40536		11	40576		<5
40537		11	40577		<5
40538		<5	40578		<5
40539		356	40579		<5
40540		<5	40580		17
40541		<5	40581		8
40542		<5	40582		10
40543		<5	40583		<5
40544		<5	40584		<5
40545		<5	40585		<5
40546		14	40586		<5
40547		<5	40587		<5
40548		28	40588		<5
40549		1431	40589		<5
40550		7	40590		<5
40551		<5	40591		42
40552		70	40592		<5
40553		97	40593		<5
40554		291	40594		<5
40555		29	40596		<5
40556		179	40597		6
40557		83	40598		6
40558		35	40599		6

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PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		415			
Number of Analyses		1			
Mean Value		415.0			
Standard Deviation		-			
Accepted Value		410			
AU167		171			
Number of Analyses		1			
Mean Value		171.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1047			
Number of Analyses		1			
Mean Value		1047.0			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		213			
Number of Analyses		1			
Mean Value		213.0			
Standard Deviation		-			
Accepted Value		206			

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40523		12			
Duplicate		9			
40545		<5			
Duplicate		<5			
40549		1431			
Prep Duplicate		1395			
40566		113			
Duplicate		109			
40576		<5			
Prep Duplicate		<5			
40588		<5			
Duplicate		<5			

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REPORT: C96-62194.1 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40549		1.21
40564		0.56
40565		0.73

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REPORT: C96-62215.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40595		<5	40639		<5
40600		<5	40640		21
40601		6	40641		<5
40602		<5	40642		19
40603		<5	40643		28
40604		13	40644		10
40605		10	40645		6
40606		12	40646		23
40607		<5	40647		<5
40608		<5	40648		<5
40609		<5	40649		<5
40610		<5	40650		<5
40611		12	40651		12
40612		<5	40652		<5
40613		18	40653		<5
40614		21	40654		<5
40615		10	40655		<5
40616		16	40656		<5
40617		12	40657		<5
40618		<5	40658		<5
40619		<5	40659		<5
40620		11	40660		<5
40621		624	40661		<5
40622		41	40662		<5
40623		178	40663		<5
40624		32	40664		<5
40625		16	40665		<5
40626		9	40666		<5
40627		28			
40628		16			
40629		7			
40630		6			
40631		8			
40632		6			
40633		<5			
40634		<5			
40635		<5			
40636		<5			
40637		<5			
40638		<5			

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PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		2678			
Number of Analyses		1			
Mean Value		2677.9			
Standard Deviation		-			
Accepted Value		2520			
AU167		170			
Number of Analyses		1			
Mean Value		170.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		219			
Number of Analyses		1			
Mean Value		219.3			
Standard Deviation		-			
Accepted Value		206			

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40604		13			
Duplicate		12			
40613		18			
Prep Duplicate		16			
40626		9			
Duplicate		6			
40647		<5			
Duplicate		<5			
40655		<5			
Prep Duplicate		<5			

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40621		0.64

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DATE PRINTED: 28-JUL-96

REPORT: C96-62431.0 (COMPLETE)

PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40667		13
40668		13
40669		11
40670		12
40671		10
40672		17
40673		18
40674		11
40675		24
40676		35
40677		<5
40678		<5

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DATE PRINTED: 28-JUL-96

REPORT: C96-62431.0 (COMPLETE)

PROJECT: 202

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		5
Number of Analyses		1
Mean Value		5.0
Standard Deviation		-
Accepted Value		5
Gannet Standard		1042
Number of Analyses		1
Mean Value		1041.8
Standard Deviation		-
Accepted Value		1080

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DATE PRINTED: 28-JUL-96

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PROJECT: 202

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40668		13
Duplicate		13

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62517.0 (COMPLETE) DATE PRINTED: 2-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40679		22	40719		<5
40680		<5	40720		<5
40681		<5	40721		<5
40682		<5	40722		<5
40683		9	40723		<5
40684		18	40724		<5
40685		25	40725		<5
40686		266	40726		<5
40687		7	40727		17
40688		26	40728		11
40689		106	40729		29
40690		8	40730		35
40691		<5	40731		<5
40692		<5	40732		<5
40693		6	40733		15
40694		102	40734		18
40695		10	40735		<5
40696		<5	40736		<5
40697		6	40737		<5
40698		24	40738		14
40699		<5	40739		134
40700		<5	40740		<5
40701		<5	40741		10
40702		<5	40742		24
40703		<5	40743		648
40704		<5	40744		186
40705		<5	40745		122
40706		8	40746		35
40707		<5	40747		298
40708		<5	40748		19
40709		<5	40749		<5
40710		<5	40750		<5
40711		<5	40751		131
40712		5	40752		99
40713		<5	40753		133
40714		<5	40754		7
40715		<5	40755		<5
40716		<5	40756		<5
40717		<5	40757		<5
40718		<5	40758		7

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62517.0 (COMPLETE) DATE PRINTED: 2-AUG-96 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40759		12			
40760		7			
40761		<5			
40762		6			
40763		19			
40764		<5			
40765		5			

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CERTIFICAT D'ANALYSE

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REPORT: C96-62517.0 (COMPLETE) DATE PRINTED: 2-AUG-96

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		221			
Number of Analyses		1			
Mean Value		221.1			
Standard Deviation		-			
Accepted Value		206			
Gannet Standard		1620			
Number of Analyses		1			
Mean Value		1620.0			
Standard Deviation		-			
Accepted Value		1590			
AU167		159			
Number of Analyses		1			
Mean Value		159.0			
Standard Deviation		-			
Accepted Value		167			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62517.0 (COMPLETE) DATE PRINTED: 2-AUG-96 PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40686		266			
Duplicate		274			
40704		<5			
Prep Duplicate		<5			
40708		<5			
Duplicate		<5			
40729		29			
Duplicate		21			
40734		18			
Prep Duplicate		19			
40751		131			
Duplicate		116			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62517.1 (COMPLETE) DATE PRINTED: 2-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
40743		0.66

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REPORT: C96-62520.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40766		<5
40767		7
40768		<5
40769		7
40770		<5
40771		<5
40772		<5
40773		<5
40774		<5
40775		<5
40776		<5
40777		5
40778		<5
40779		<5
40780		<5
40781		<5
40782		8
40783		7
40784		10
40785		6
40786		<5
40787		5
40788		9
40789		8
40790		34
40791		<5
40792		<5
40793		<5
40794		<5
40795		<5
40796		<5

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CERTIFICAT D'ANALYSE

DATE PRINTED: 2-AUG-96

REPORT: C96-62520.0 (COMPLETE)

PROJECT: 191

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
ANALYTICAL BLANK		<5
Number of Analyses		2
Mean Value		2.5
Standard Deviation		<0.01
Accepted Value		5
AU167		170
Number of Analyses		1
Mean Value		170.0
Standard Deviation		-
Accepted Value		167
Gannet Standard		1079
Number of Analyses		1
Mean Value		1079.0
Standard Deviation		-
Accepted Value		1080

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DATE PRINTED: 2-AUG-96

REPORT: C96-62520.0 (COMPLETE)

PROJECT: 191

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40766		<5
Duplicate		<5
40785		6
Prep Duplicate		<5
40788		9
Duplicate		7

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62611.0 (COMPLETE) DATE PRINTED: 5-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40797		<5	40837		<5
40798		<5	40838		<5
40799		<5	40839		<5
40800		<5	40840		<5
40801		<5	40841		<5
40802		<5	40842		<5
40803		<5	40843		<5
40804		<5	40844		<5
40805		<5	40845		<5
40806		<5	40846		<5
40807		<5	40847		<5
40808		<5	40848		<5
40809		<5	40849		<5
40810		<5	40850		<5
40811		<5	40851		<5
40812		<5	40852		<5
40813		<5	40853		<5
40814		7	40854		<5
40815		9	40855		<5
40816		13	40856		<5
40817		<5	40857		<5
40818		<5	40858		<5
40819		<5	40859		<5
40820		<5	40860		<5
40821		<5	40861		<5
40822		<5	40862		<5
40823		<5	40863		12
40824		<5	40864		11
40825		<5	40865		<5
40826		<5	40866		<5
40827		<5	40867		<5
40828		<5	40868		<5
40829		<5	40869		<5
40830		<5			
40831		<5			
40832		<5			
40833		<5			
40834		<5			
40835		<5			
40836		<5			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62611.0 (COMPLETE) DATE PRINTED: 5-AUG-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		1018			
Number of Analyses		1			
Mean Value		1017.6			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		183			
Number of Analyses		1			
Mean Value		182.9			
Standard Deviation		-			
Accepted Value		206			
Gannet Standard		1579			
Number of Analyses		1			
Mean Value		1579.0			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		368			
Number of Analyses		1			
Mean Value		368.3			
Standard Deviation		-			
Accepted Value		410			

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REPORT: C96-62611.0 (COMPLETE) DATE PRINTED: 5-AUG-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40798		<5			
Duplicate		6			
40820		<5			
Duplicate		<5			
40823		<5			
Prep Duplicate		<5			
40841		<5			
Duplicate		<5			
40852		<5			
Prep Duplicate		<5			
40863		12			
Duplicate		<5			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62714.0 (COMPLETE) DATE PRINTED: 12-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40870		<5	40922		<5
40871		10	40923		<5
40872		7	40924		<5
40873		<5	40925		6
40874		<5	40926		8
40875		8	40927		10
40876		10	40928		<5
40877		18	40929		<5
40878		<5	40930		<5
40879		<5	40931		<5
40880		<5	40932		5
40881		<5	40933		9
40882		<5	40934		7
40883		<5	40935		<5
40884		<5	40936		<5
40885		<5	40937		<5
40886		<5	40938		<5
40887		10	40939		<5
40888		<5	40940		<5
40901		10	40941		<5
40902		11	40942		<5
40903		7	40943		<5
40904		9	40944		<5
40905		8	40945		<5
40906		<5	40946		<5
40907		<5	40947		<5
40908		<5	40948		<5
40909		5	40949		<5
40910		<5	40950		<5
40911		108			
40912		11			
40913		6			
40914		<5			
40915		<5			
40916		6			
40917		6			
40918		7			
40919		<5			
40920		<5			
40921		6			

Mes

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62714.0 (COMPLETE) DATE PRINTED: 12-AUG-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		426			
Number of Analyses		1			
Mean Value		425.8			
Standard Deviation		-			
Accepted Value		410			
AU167		177			
Number of Analyses		1			
Mean Value		177.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1086			
Number of Analyses		1			
Mean Value		1086.3			
Standard Deviation		-			
Accepted Value		1080			
Gannet Standard		201			
Number of Analyses		1			
Mean Value		200.5			
Standard Deviation		-			
Accepted Value		206			

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REPORT: C96-62714.0 (COMPLETE)

PROJECT: 191
DATE PRINTED: 12-AUG-96

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40874		<5			
Duplicate		<5			
40887		10			
Prep Duplicate		17			
40908		<5			
Duplicate		<5			
40929		<5			
Duplicate		<5			
40938		<5			
Prep Duplicate		8			
Prep Duplicate		8			
Duplicate		<5			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62807.0 (COMPLETE) DATE PRINTED: 16-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40889		<5	40979		14
40890		<5	40980		6
40891		<5	40981		10
40892		6	40982		9
40893		12	40983		<5
40894		9	40984		11
40895		7	40985		<5
40896		15	40986		10
40897		6	40987		7
40898		<5	40988		112
40899		<5	40989		24
40900		<5	40990		6
40951		<5	40991		<5
40952		<5	40992		11
40953		<5	40993		7
40954		6	40994		16
40955		<5	40995		<5
40956		<5	40996		6
40957		<5	40997		<5
40958		<5	40998		<5
40959		<5	40999		<5
40960		<5	41000		5
40961		<5			
40962		<5			
40963		<5			
40964		6			
40965		<5			
40966		<5			
40967		<5			
40968		6			
40969		<5			
40970		<5			
40971		<5			
40972		<5			
40973		<5			
40974		<5			
40975		<5			
40976		<5			
40977		<5			
40978		<5			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62807.0 (COMPLETE) DATE PRINTED: 16-AUG-96

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		206			
Number of Analyses		1			
Mean Value		206.0			
Standard Deviation		-			
Accepted Value		206			
Gannet Standard		1554			
Number of Analyses		1			
Mean Value		1554.0			
Standard Deviation		-			
Accepted Value		1590			
AU167		185			
Number of Analyses		1			
Mean Value		185.0			
Standard Deviation		-			
Accepted Value		167			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 191
REPORT: C96-62807.0 (COMPLETE) DATE PRINTED: 16-AUG-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40896		15			
Duplicate		<5			
40966		<5			
Prep Duplicate		<5			
40968		6			
Duplicate		<5			
40989		24			
Duplicate		24			
Prep Duplicate		37			

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Fall Drilling 207

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REPORT: C96-64133.0 (COMPLETE) REFERENCE:

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. SUBMITTED BY: D.CHRISTIE
PROJECT: 207 DATE PRINTED: 28-OCT-96

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	54	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	54	-150	54	CRUSH/SPLIT & PULV.	54

REPORT COPIES TO: MR. DAVE CHRISTIE INVOICE TO: MR. DAVE CHRISTIE

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64133.0 (COMPLETE) DATE PRINTED: 28-OCT-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39402		<5	39442		<5
39403		<5	39443		9
39404		<5	39444		<5
39405		<5	39445		5
39406		14	39446		<5
39407		6	39447		10
39408		<5	39448		<5
39409		5	39449		<5
39410		<5	39450		<5
39411		<5	39451		<5
39412		<5	39452		<5
39413		<5	39453		<5
39414		<5	39454		<5
39415		<5	39455		<5
39416		<5			
39417		<5			
39418		<5			
39419		<5			
39420		<5			
39421		<5			
39422		<5			
39423		<5			
39424		<5			
39425		<5			
39426		<5			
39427		<5			
39428		<5			
39429		<5			
39430		<5			
39431		<5			
39432		<5			
39433		<5			
39434		<5			
39435		<5			
39436		<5			
39437		<5			
39438		<5			
39439		<5			
39440		<5			
39441		<5			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64133.0 (COMPLETE) DATE PRINTED: 28-OCT-96 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		1644			
Number of Analyses		1			
Mean Value		1644.3			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		376			
Number of Analyses		1			
Mean Value		376.3			
Standard Deviation		-			
Accepted Value		410			
AU167		164			
Number of Analyses		1			
Mean Value		164.0			
Standard Deviation		-			
Accepted Value		167			

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CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64133.0 (COMPLETE) DATE PRINTED: 28-OCT-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39405		<5			
Duplicate		<5			
39421		<5			
Prep Duplicate		<5			
39427		<5			
Duplicate		<5			
39448		<5			
Duplicate		<5			

Jn C07/461
207-9 Fall 96

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CERTIFICAT D'ANALYSE

W.A. HUBACHECK CONSULTANTS LTD.
MR. DAVE CHRISTIE
141 ADELAIDE STREET WEST
SUITE 1401
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CERTIFICAT D'ANALYSE

REPORT: C96-64044.0 (COMPLETE) REFERENCE:

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. SUBMITTED BY: D.CHRISTIE
PROJECT: 207 DATE PRINTED: 23-OCT-96

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	51	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	51	-150	51	CRUSH/SPLIT & PULV.	51

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64044.0 (COMPLETE) DATE PRINTED: 23-OCT-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39351		6	39391		9
39352		<5	39392		12
39353		7	39393		<5
39354		6	39394		7
39355		<5	39395		6
39356		9	39396		<5
39357		9	39397		<5
39358		6	39398		7
39359		7	39399		11
39360		8	39400		11
39361		<5	39401		11
39362		7			
39363		6			
39364		8			
39365		6			
39366		9			
39367		8			
39368		9			
39369		<5			
39370		88			
39371		9			
39372		11			
39373		7			
39374		6			
39375		7			
39376		<5			
39377		<5			
39378		9			
39379		7			
39380		<5			
39381		<5			
39382		<5			
39383		<5			
39384		12			
39385		8			
39386		<5			
39387		6			
39388		7			
39389		7			
39390		9			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64044.0 (COMPLETE) DATE PRINTED: 23-OCT-96

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		3			
Mean Value		2.5			
Standard Deviation		0.00			
Accepted Value		5			
Gannet Standard		409			
Number of Analyses		1			
Mean Value		409.3			
Standard Deviation		-			
Accepted Value		410			
AU167		173			
Number of Analyses		1			
Mean Value		173.0			
Standard Deviation		-			
Accepted Value		167			
Gannet Standard		1024			
Number of Analyses		1			
Mean Value		1024.0			
Standard Deviation		-			
Accepted Value		1080			

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CERTIFICAT D'ANALYSE

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. PROJECT: 207
REPORT: C96-64044.0 (COMPLETE) DATE PRINTED: 23-OCT-96 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
39355		<5			
Duplicate		6			
39369		<5			
Prep Duplicate		<5			
39377		<5			
Duplicate		7			
39398		7			
Duplicate		8			
39400		11			
Prep Duplicate		10			

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CERTIFICAT D'ANALYSE

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CERTIFICAT D'ANALYSE

REPORT: C96-61972.0 (COMPLETE) REFERENCE: -

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. SUBMITTED BY: -
PROJECT: 207 DATE PRINTED: 28-JUN-96

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	76	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	76	-150	76	CRUSH/SPLIT & PULV.	76

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MR. DAVE CHRISTIE
MR. DAVE JAMIESON

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CERTIFICAT D'ANALYSE

DATE PRINTED: 28-JUN-96

REPORT: C96-61972.0 (COMPLETE)

PROJECT: 207

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
36588		9	40203		8
36589		10	40204		<5
36590		7	40205		<5
36591		10	40206		<5
36592		8	40207		<5
36593		16	40208		36
36594		52	40209		<5
36595		77	40210		<5
36596		<5	40211		<5
36597		289	40212		<5
36598		7	40213		<5
36599		146	40214		<5
36600		58	40215		<5
40176		38	40216		<5
40177		6	40217		<5
40178		23	40218		<5
40179		<5	40219		<5
40180		<5	40220		<5
40181		<5	40221		<5
40182		6	40222		<5
40183		46	40223		<5
40184		<5	40224		<5
40185		<5	40225		<5
40186		<5	40226		<5
40187		6	40227		<5
40188		<5	40228		<5
40189		6	40229		<5
40190		<5	40230		7
40191		<5	40231		<5
40192		7	40232		<5
40193		<5	40233		5
40194		<5	40234		<5
40195		<5	40235		<5
40196		<5	40236		<5
40197		<5	40237		<5
40198		<5	40238		<5
40199		<5			
40200		<5			
40201		<5			
40202		<5			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 28-JUN-96

REPORT: C96-61972.0 (COMPLETE)

PROJECT: 207

STANDARD NAME	ELEMENT UNITS	Au30 PPB	STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
ANALYTICAL BLANK		<5			
Number of Analyses		4			
Mean Value		2.5			
Standard Deviation		<0.01			
Accepted Value		5			
Gannet Standard		197			
Number of Analyses		1			
Mean Value		197.4			
Standard Deviation		-			
Accepted Value		210			
Gannet Standard		1602			
Number of Analyses		1			
Mean Value		1602.4			
Standard Deviation		-			
Accepted Value		1590			
Gannet Standard		381			
Number of Analyses		1			
Mean Value		381.0			
Standard Deviation		-			
Accepted Value		410			
Gannet Standard		2378			
Number of Analyses		1			
Mean Value		2377.7			
Standard Deviation		-			
Accepted Value		2520			

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DATE PRINTED: 28-JUN-96

REPORT: C96-61972.0 (COMPLETE)

PROJECT: 207

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
36590		7			
Duplicate		13			
36593		16			
Prep Duplicate		10			
40187		6			
Duplicate		6			
40208		36			
Duplicate		45			
40215		<5			
Prep Duplicate		<5			
40230		7			
Duplicate		9			

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CERTIFICAT D'ANALYSE

REPORT: C96-61895.0 (COMPLETE) REFERENCE: -

CLIENT: W.A. HUBACHECK CONSULTANTS LTD. SUBMITTED BY: D. CHRISTIE
PROJECT: 207 DATE PRINTED: 18-JUN-96

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	13	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	13	-150	13	CRUSH/SPLIT & PULV.	13

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MR. DAVE CHRISTIE
MR. DAVE JAMIESON

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CERTIFICAT D'ANALYSE

DATE PRINTED: 18-JUN-96

REPORT: C96-61895.0 (COMPLETE)

PROJECT: 207

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40163		14
40164		6
40165		9
40166		20
40167		15
40168		12
40169		16
40170		22
40171		21
40172		6
40173		<5
40174		54
40175		25

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CERTIFICAT D'ANALYSE

DATE PRINTED: 18-JUN-96

REPORT: C96-61895.0 (COMPLETE)

PROJECT: 207

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
Number of Analyses		1
Mean Value		2.5
Standard Deviation		-
Accepted Value		5
Gannet Standard		2718
Number of Analyses		1
Mean Value		2717.9
Standard Deviation		-
Accepted Value		2520

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CERTIFICAT D'ANALYSE

DATE PRINTED: 18-JUN-96

REPORT: C96-61895.0 (COMPLETE)

PROJECT: 207

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
40168		12
Duplicate		14

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): W9880.00359
Assessment Files Research Imaging

32D04NW2006 2.18546 GAUTHIER 900

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the
view the assessment work and correspond with the mining land holder.
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
SUDBURY CONTACT MINES LTD.	198617
Address: c/o W.A. HUBACHECK CONSULTANTS LTD.	Telephone Number: 416-364-2895
#807-365 BAY ST., TORONTO, ONTARIO M5H 2V1	Fax Number: 416-364-5384
Name	Client Number
Address	Telephone Number
	Fax Number

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9:53am
GEOSCIENCE ASSESSMENT OFFICE

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

	Office Use
Work Type: Diamond Drilling and Assaying	Commodity
	Total $ Value of Work Claimed: 371,300
Dates Work Performed: From 06 (Day) 06 (Month) 1996 (Year) To 02 (Day) 08 (Month) 1996 (Year)	NTS Reference
Global Positioning System Data (if available) / Township/Area: GAUTHIER	Mining Division: Larder Lake
M or G-Plan Number	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
D. JAMIESON	416-364-2895
Address: c/o W.A. HUBACHECK CONSULTANTS LTD.	Fax Number: 416-364-5384
#807-365 BAY ST., TORONTO, ONT., M5H 2V1	
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, David W. Christie (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		Date
		June 2/98
Agent's Address: W.A. Hubacheck Consultants Ltd., #807-365 Bay St., Toronto, Ontario, M5H 2V1	Telephone Number: 416-364-2895	Fax Number: 416-364-5384

Deemed Sept. 09/98

0241 (02/96)

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.

W9880.00359

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	8000084 9352 •	40.2 ha	19451	0	12000	7451
2	8000235 37341 •	46.05 ha	79326	0	12000	67326
3	8000230 37259 •	39.1 ha	20171	0	12000	8171
4	599075	1 unit	35773	1200	10800	23773
5	800257 •	1	4261	1200	3061	0
6	800269 •	1	13039	1200	10800	1039
7	800270 •	1	13039	1200	10800	1039
8	800274 •	1	4534	1200	3322	12
9	800275 •	1	25554	1200	10800	13554
10	800276 •	1	39062	1200	10800	27062
11	821262 •	1	5217	1600	3617	0
12	821263 •	1	41884	1600	10400	29884
13	821356 •	1	32061	1200	10800	20061
14	821357 •	1	20882	1200	10800	8882
15	918224 •	1	17046	800	11200	5046
		Column Totals				

I, David W. Christie (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
[signature]	June 2/98

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):

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
RECEIVED JUN 03 1998 9:55 GEOSCIENCE ASSESSMENT OFFICE	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Ontario

Ministry of Northern Development and Mines

Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use): W9880.00359

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
599071	1	0	1200	0	0
599072	1	0	1200	0	0
599073	1	0	1200	0	0
599074	1	0	1200	0	0
599076	1	0	1200	0	0
599077	1	0	1200	0	0
599078	1	0	1200	0	0
599079	1	0	1200	0	0
800255	1	0	1200	0	0
800256	1	0	1200	0	0
800258	1	0	1200	0	0
800259	1	0	1200	0	0
800260	1	0	1200	0	0
800261	1	0	1200	0	0
800262	1	0	1200	0	0
800263	1	0	1200	0	0
800264	1	0	1200	0	0
800265	1	0	1200	0	0
800266	1	0	1200	0	0
800267	1	0	1200	0	0
800268	1	0	1200	0	0
800271	1	0	1200	0	0
800272	1	0	1200	0	0
800273	1	0	1200	0	0
800277	1	0	1200	0	0
800278	1	0	1200	0	0
821260	1	0	1200	0	0
821261	1	0	1600	0	0
821264	1	0	1200	0	0
821265	1	0	1200	0	0
821266	1	0	1200	0	0
821267	1	0	1200	0	0
821268	1	0	1200	0	0
821269	1	0	1200	0	0
821270	1	0	1200	0	0
Column Totals					

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0290 (02/96)

Ontario

Ministry of Northern Development and Mines

Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use): W9880.00359

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
821271	1	0	1200	0	0
821272	1	0	1200	0	0
821273	1	0	1200	0	0
821274	1	0	1200	0	0
821285	1	0	1200	0	0
821288	1	0	1200	0	0
821290	1	0	1200	0	0
821351	1	0	1200	0	0
821352	1	0	1200	0	0
821353	1	0	1200	0	0
821354	1	0	1200	0	0
821355	1	0	1200	0	0
821358	1	0	1200	0	0
894120	1	0	1200	0	0
894121	1	0	1200	0	0
894122	1	0	800	0	0
894123	1	0	800	0	0
894124	1	0	800	0	0
894125	1	0	1200	0	0
894126	1	0	1200	0	0
894127	1	0	1200	0	0
918200	1	0	800	0	0
918201	1	0	800	0	0
918202	1	0	800	0	0
918204	1	0	800	0	0
918207	1	0	800	0	0
918208	1	0	800	0	0
918209	1	0	800	0	0
918210	1	0	800	0	0
918211	1	0	800	0	0
918212	1	0	800	0	0
918213	1	0	800	0	0
918214	1	0	800	0	0
918215	1	0	800	0	0
918216	1	0	800	0	0
Column Totals					

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0290 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9880.00359

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
Senior Project Geol.			4485.00
Contract Geologist			21600.00
Technician & Core Splitter			17558.00
Consultant's Fees			33754.57
Diamond Drilling	4982.11 metres		242280.00
Assaying			13262.00
Drill Collar Surveying			4250.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Mobilization			1570.19
Field Exp./Supplies			2003.20
Drill Site Preparation			7439.04
Core Shack/Core Saw Repairs			4958.02
Report Prep./Computer + Plotting Time			5000.00
Transportation Costs			
Truck/ATV Rental			3410.10
Shipping			927.70
Food and Lodging Costs			
Field Office/Core Shack Rental			5500.00
			3302.42
		Total Value of Assessment Work	371300.24

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9.5366
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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, David W. Christie (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 Project Geologist (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
	June 2/98

0212 (02/96)

Ontario

Ministry of Northern Development and Mines

Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use): W9880.00359

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
918219	1	0	800	0	0
918220	1	0	800	0	0
918221	1	0	800	0	0
918222	1	0	800	0	0
918223	1	0	800	0	0
918225	1	0	800	0	0
918226	1	0	800	0	0
918227	1	0	800	0	0
918231	1	0	800	0	0
918232	1	0	800	0	0
918234	1	0	800	0	0
918235	1	0	800	0	0
1110596	1	0	1200	0	0
1137475	1	0	1200	0	0
1137476	1	0	1200	0	0
1137477	1	0	1200	0	0
1137478	1	0	1200	0	0
1137479	1	0	1200	0	0
1186484	1	0	1200	0	0
1186216	16	0	12800	0	0
1186217	15	0	18000	0	0
1186618	1	0	1200	0	0
1200504	1	0	1200	0	0
1200506	2	0	2400	0	0
1200584	6	0	4800	0	0
1200587	9	0	7200	0	0
Column Totals		371300	158000	143200	213300

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JUN 03 2000
9.5566
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0290 (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

August 28, 1998

David W. Christie
SUDBURY CONTACT MINES LIMITED
c/o W.A. Hubacheck Consultants Ltd
807 - 365 Bays Street
Toronto, Ontario
M5H-2V1

Dear Sir or Madam:

Submission Number: 2.18546

Status

Subject: Transaction Number(s): W9880.00359 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: 12728

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18546

Date Correspondence Sent: August 28, 1998

Assessor: Steve Beneteau

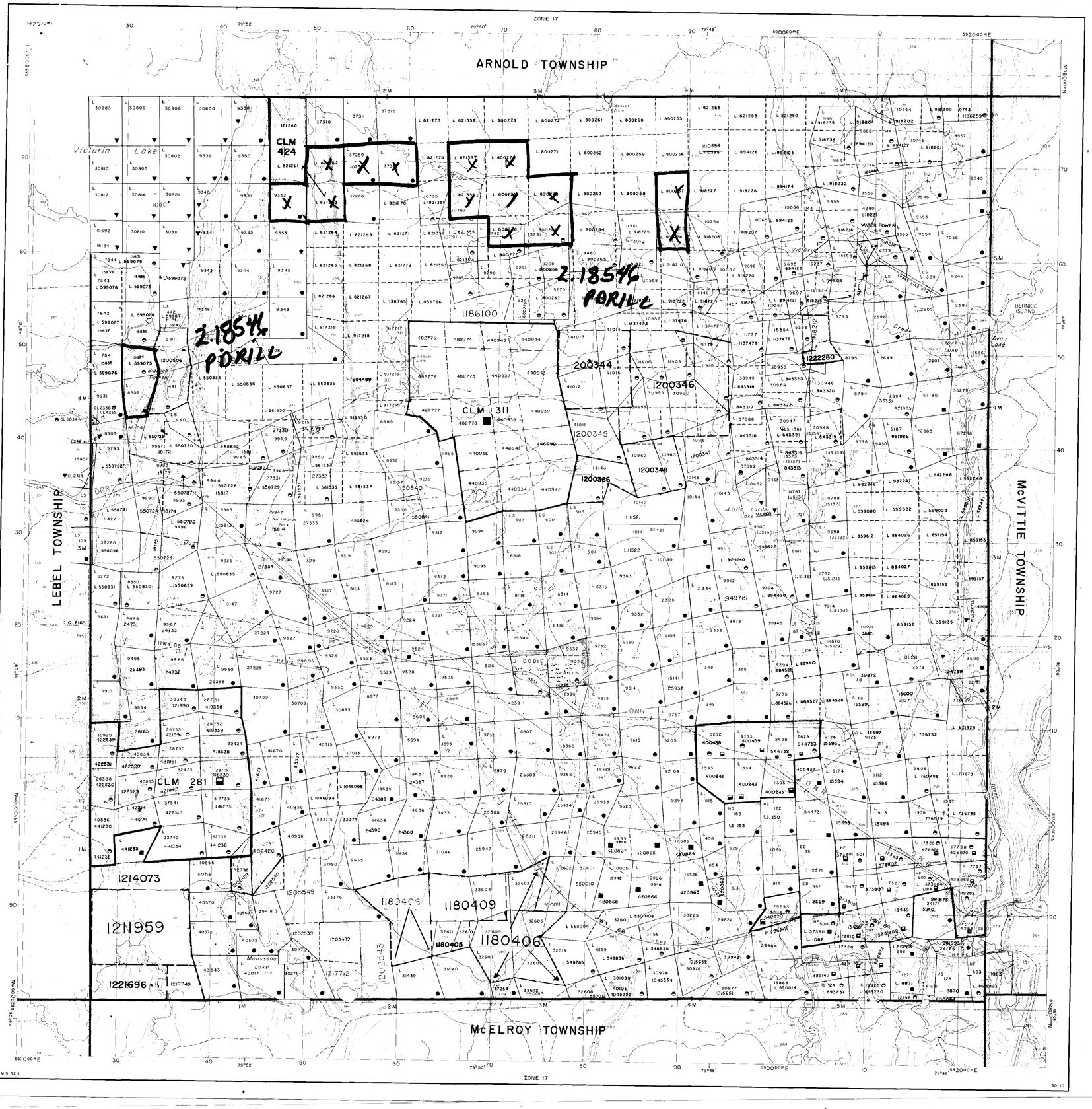
Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00359	9352	GAUTHIER	Deemed Approval	August 27, 1998

Section:
16 Drilling PDRILL

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
David W. Christie
SUDBURY CONTACT MINES LIMITED
Toronto, Ontario



Ontario Ministry of Natural Resources

Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN

G-3211

TOWNSHIP

GAUTHIER

M.N.R. ADMINISTRATIVE DISTRICT

KIRKLAND LAKE

MINING DIVISION

LARDER LAKE

LAND TITLES/REGISTRY DIVISION

TIMISKAMING

Scale 1:20 000

Metres 1000 0 1000 2000 Metres

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 Feet

Contour Interval 10 Metres

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
  - shoreline
- Lot/Concession; surveyed
  - unsurveyed
- Parcel; surveyed
  - unsurveyed
- Right-of-way; road
  - railway
  - utility
- Reservation
- Cliff, Pit, Pile
- Contour
  - Interpolated
  - Approximate
  - Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
  - double track
  - abandoned
- Road; highway, county, township
  - access
  - trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation

Order-in-Council

Cancelled

Reservation

Sand & Gravel

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only

SRO - Surface Rights Only

M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
TOWNSITE STAKING RESTRICTED S.S. 30(B) MINING ACT				
BARRICK POWER LINE (APPLICATION PENDING UNDER PUBLIC LANDS ACT)				

DATE OF ISSUE

MAR 17 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE _____ TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:

P.O. BOX 129
SWASTIKA, ONT.
P0K 1T0
705-642-3222

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

ARCHIVED JULY 28, 1995

ARCHIVED AUGUST 28/97.

CIRCULATED JANUARY 25, 1995 ML

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

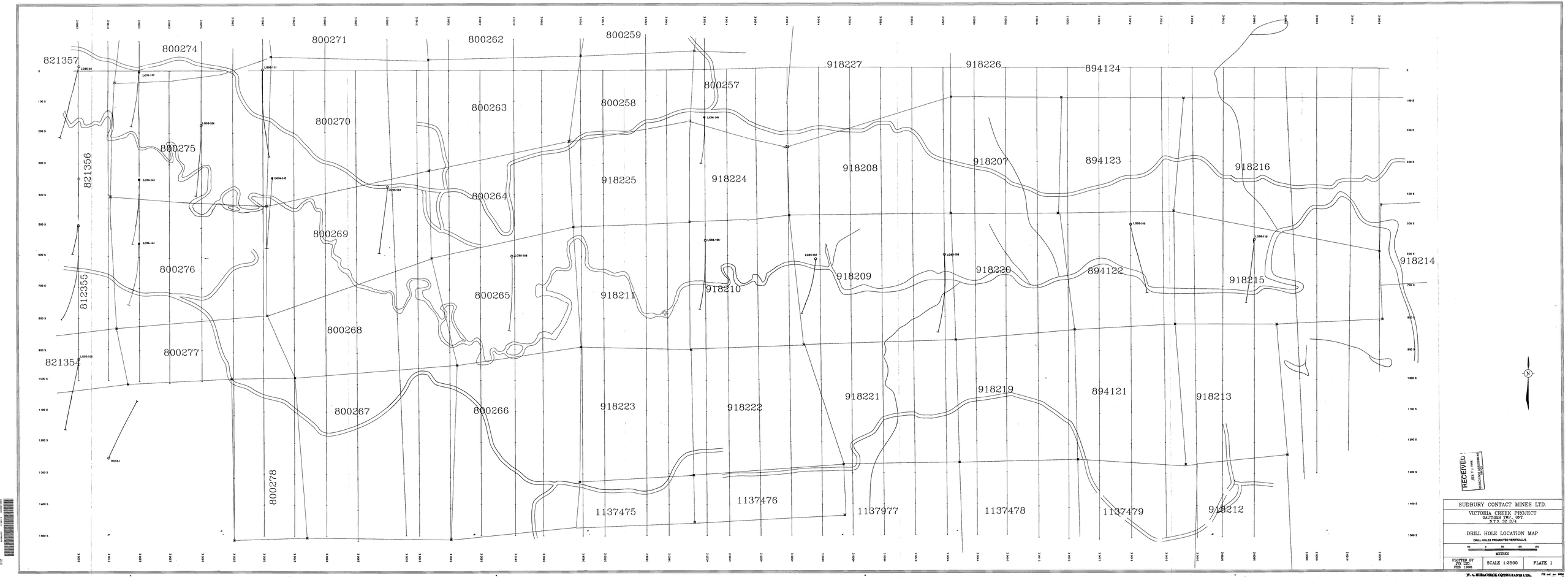
The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

G-3211

GAUTHIER TWP.

200

2201-0042006 2.1854% GAUTHIER



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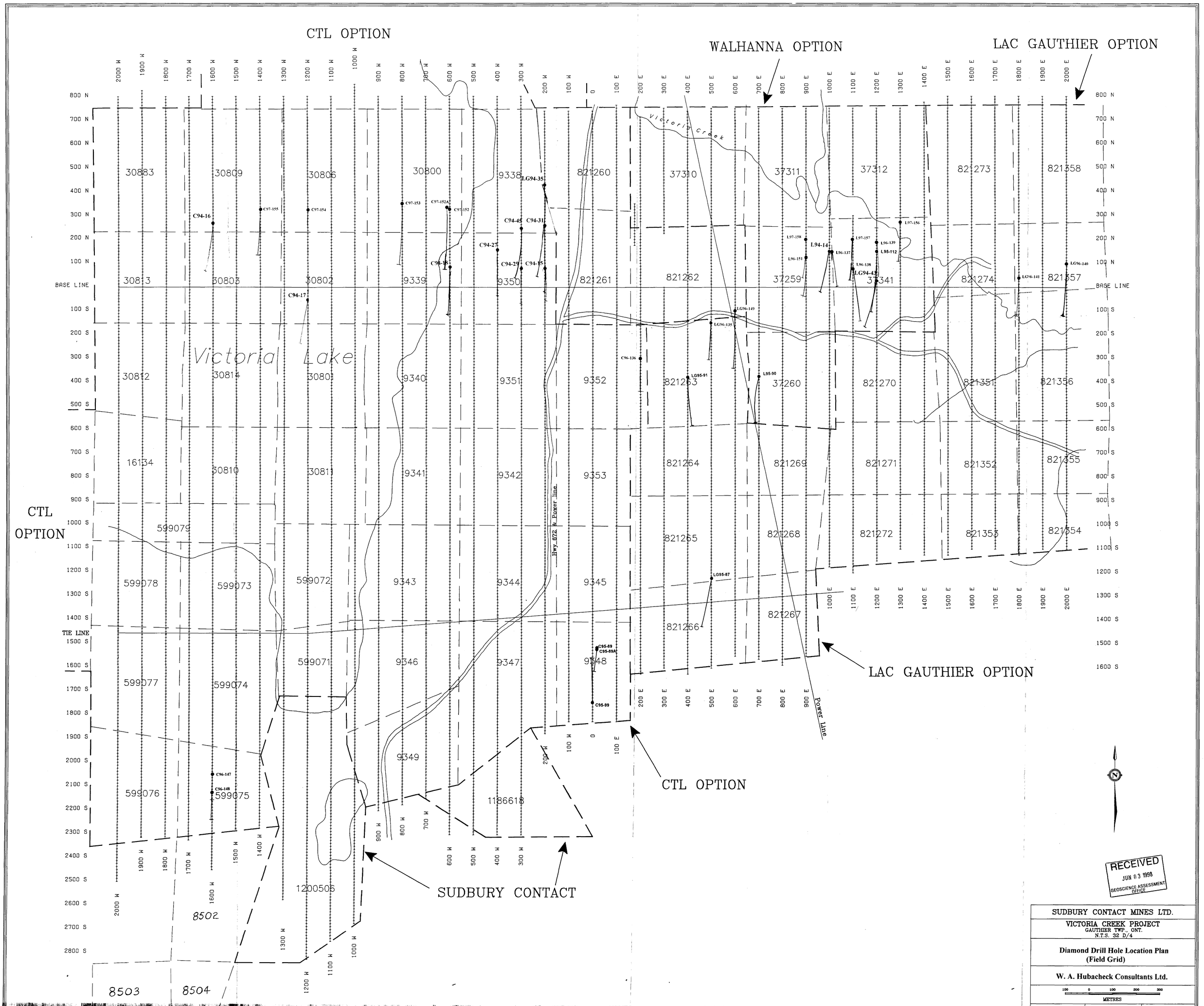
JUN 1 1995
MINING LAND ASSESSMENT
SUDBURY

SUDBURY CONTACT MINES LTD.	
VICTORIA CREEK PROJECT GAUTHIER TWP., ONT. N.T.S. 52 D/4	
DRILL HOLE LOCATION MAP DRILL HOLES PROJECTED VERTICALLY.	
50 0 50 100 150 METRES	
PLOTTED BY JVX LTD. FEB. 1996	SCALE 1:2500
	PLATE 1

W. A. HORACHECK CONSULTANTS LTD.


CTL OPTION
WALHANNA OPTION
LAC GAUTHIER OPTION
Victoria Creek
Victoria Lake
BASE LINE
TIE LINE
Hwy 672 & Power line
Power Line
SUDBURY CONTACT
CTL OPTION
LAC GAUTHIER OPTION
30883
30809
30806
30800
9338
821260
37310
37311
37312
821273
821358
30813
30803
30802
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9350
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599075
1186618
1200506
8502
8503
8504
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JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE
SUDBURY CONTACT MINES LTD.
VICTORIA CREEK PROJECT
GAUTHIER TWP., ONT.
N.T.S. 32 D/4
Diamond Drill Hole Location Plan
(Field Grid)
W. A. Hubacheck Consultants Ltd.
METRES
SCALE 1:5000

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics

t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY,py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 200E (looking west)

Hole Az.: 185 Claim L.9352

0 10 20 30 40 50metres

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 136 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

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JUN 03 1998
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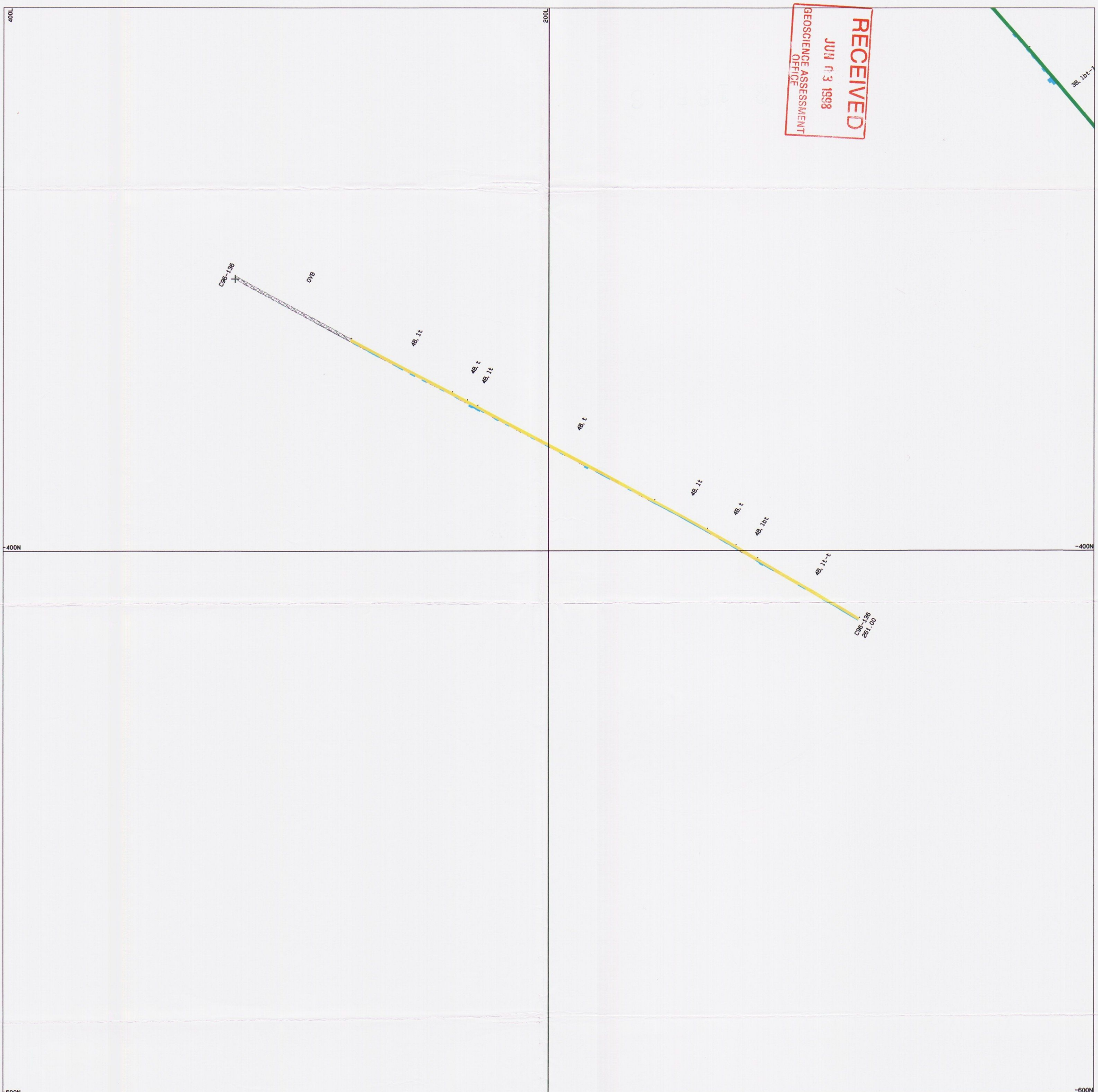


32D04NW2006 2.18546 GAUTHIER 230

400L 200L

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

File: 135

VICTORIA CREEK PROJECT

Section 500E (looking west)

Hole Az.: 184 Claim L.821263

0 10 20 30 40 50metres

Scale: 1 : 1000

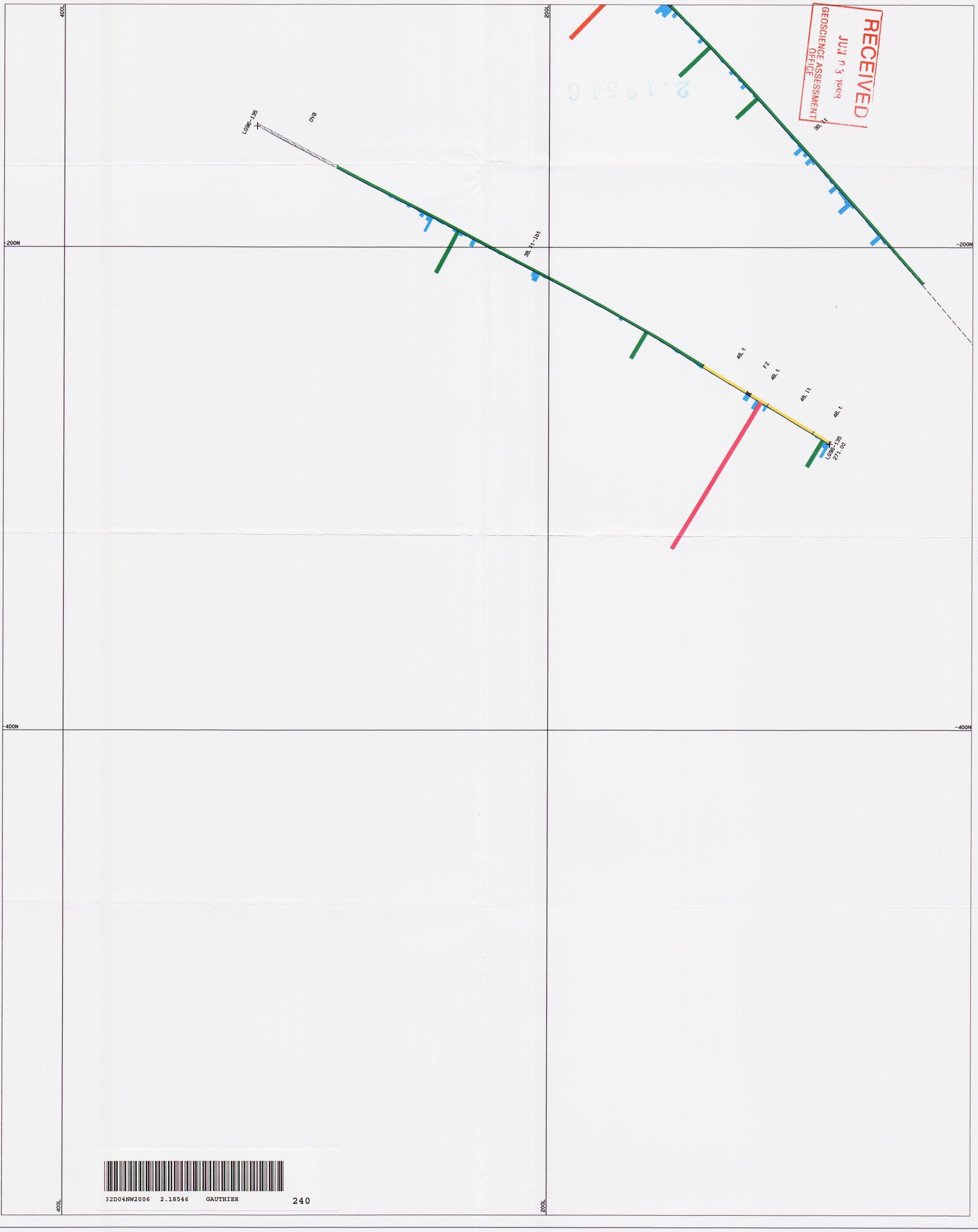
Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne



32D04NW2006 2.18546 GAUTHIER 240

SUDBURY CONTACT MINES LTD.

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 600E (looking west)

Hole Az.: 180 Claims L. 821262/263

0 10 20 30 40 50metres

File: 600E | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

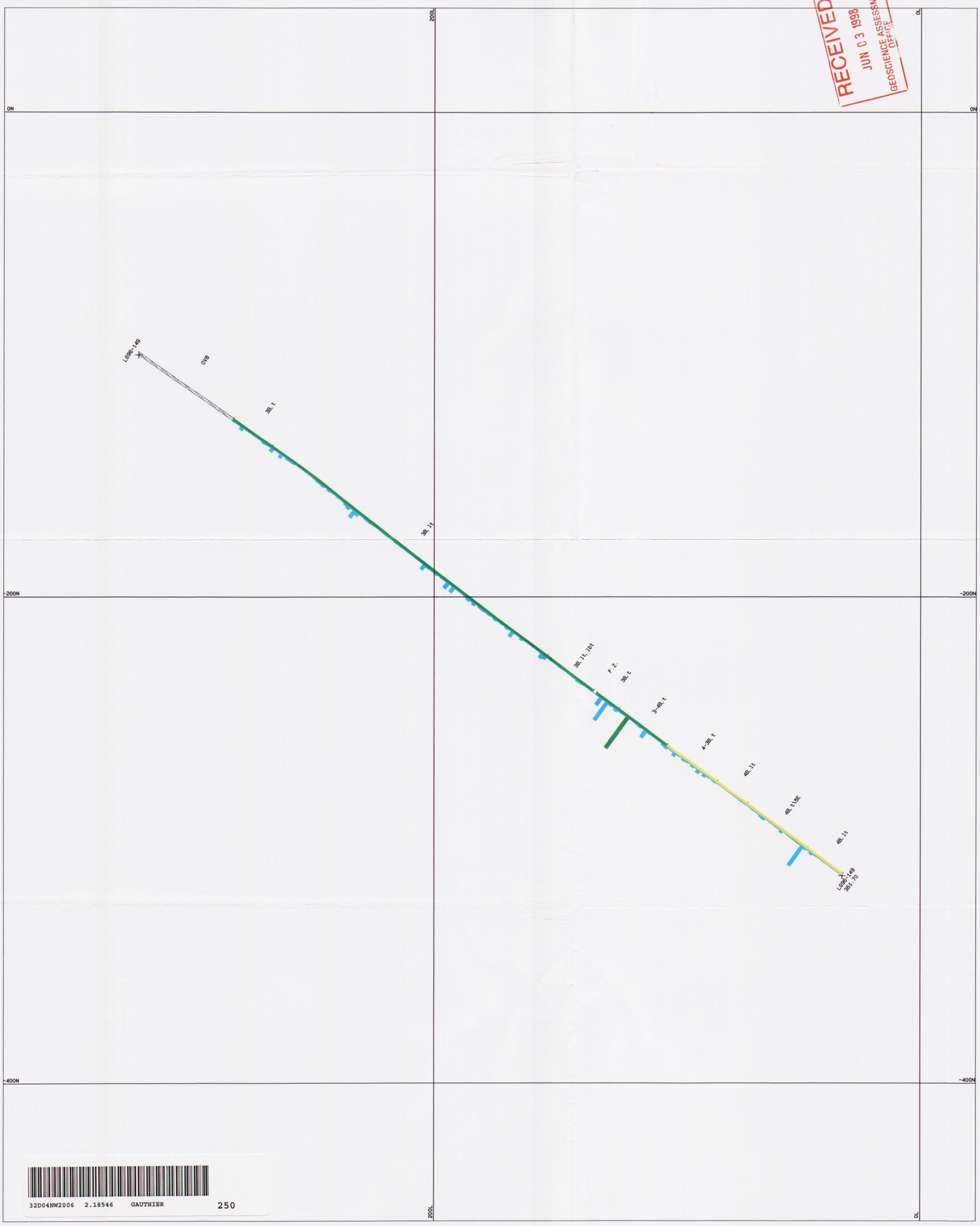
A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

RECEIVED JUN 03 1998 GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 250

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 900E (looking west)

Hole Az.: 180 Claim L. 37259

0 10 20 30 40 50metres

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 900E | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

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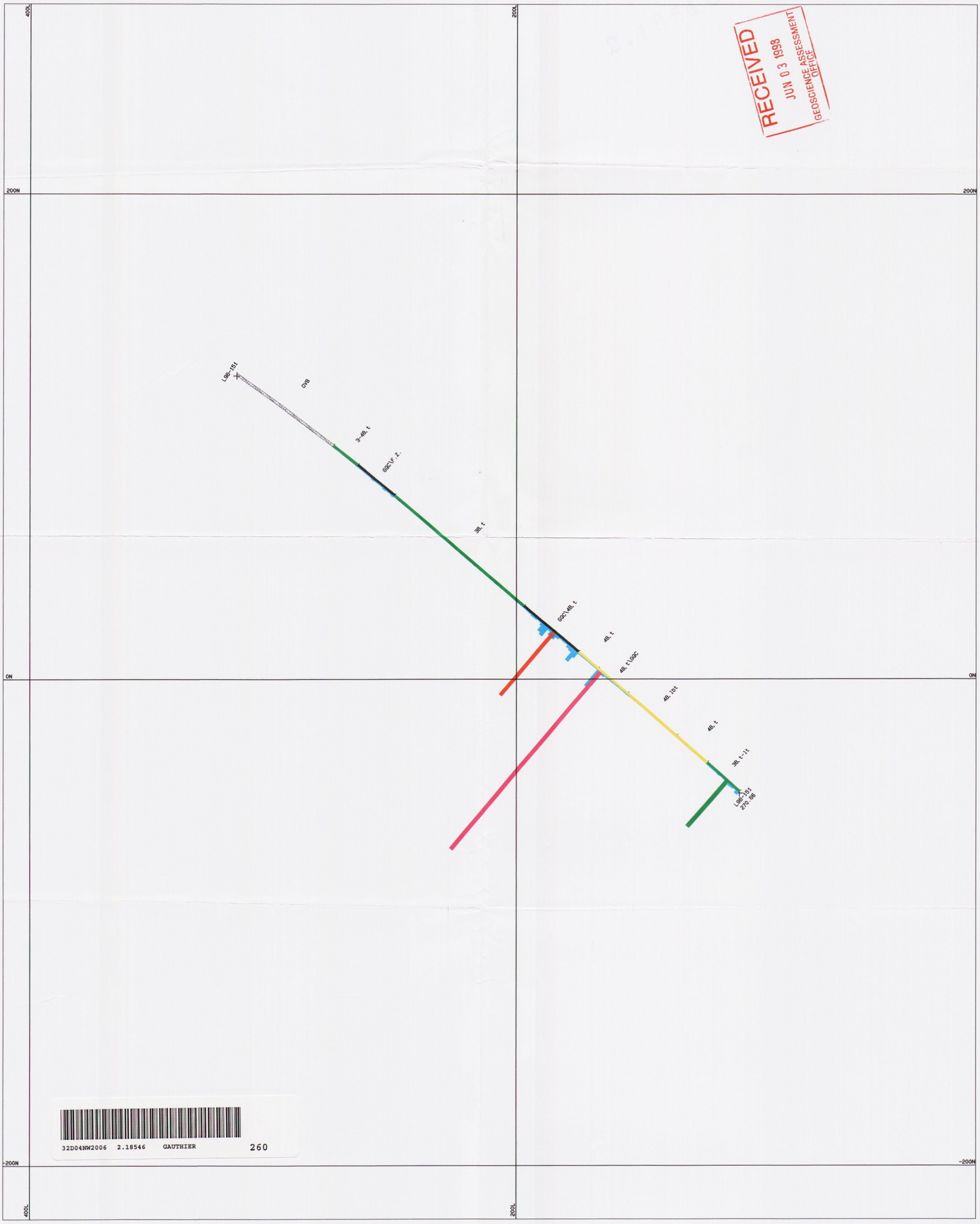

32D04NW2006 2.18546 GAUTHIER 260

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite
7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows
B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 1000E (looking west)

Hole Az.: 175 Claim L.37341

0 10 20 30 40 50metres

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 137 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

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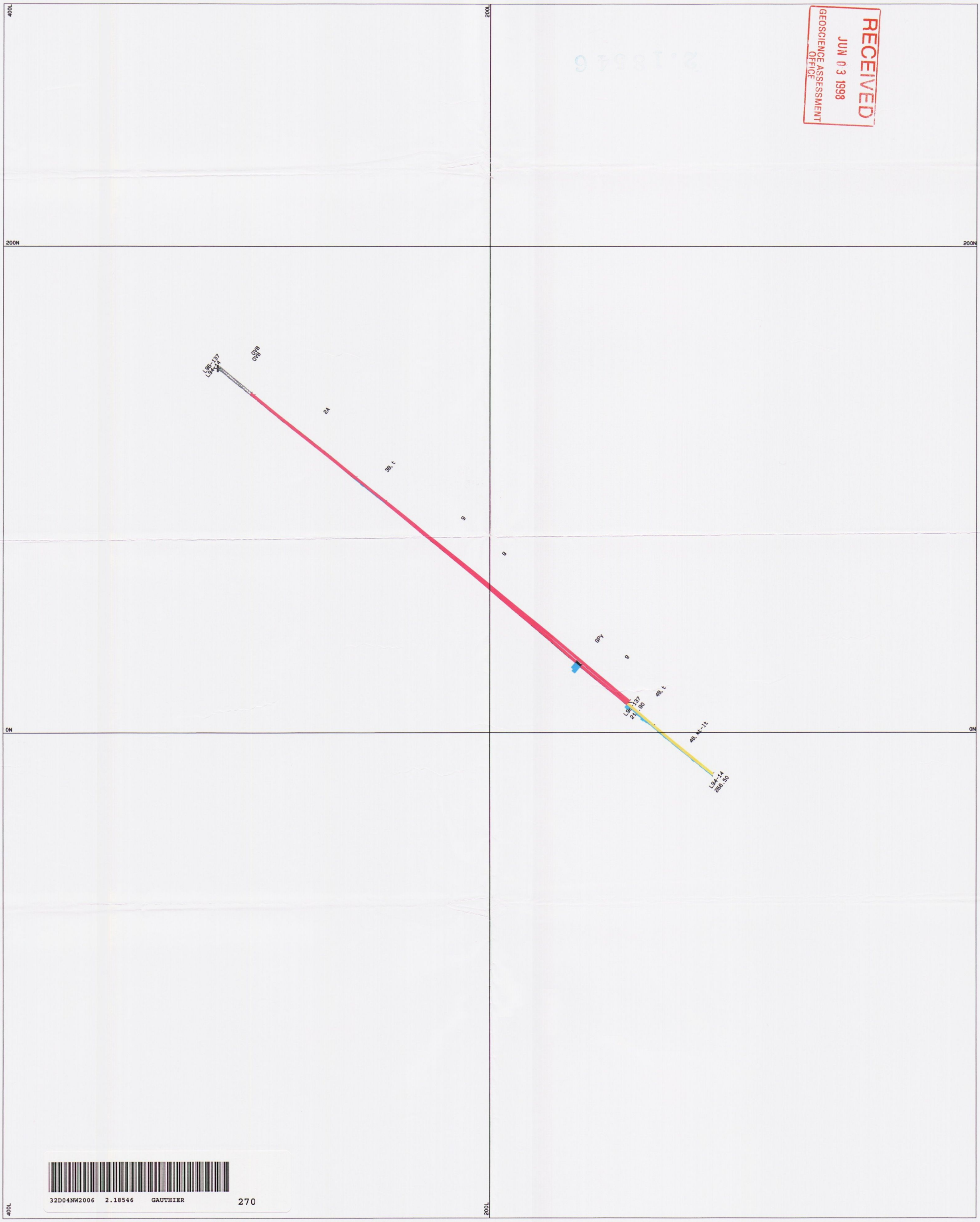
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 270

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics

t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

File: 138

VICTORIA CREEK PROJECT

Section 1100E (looking west)

Hole Az.: 170 Claim L.37341

0 10 20 30 40 50metres

Scale: 1 : 1000

Date: 24 Jun 1997

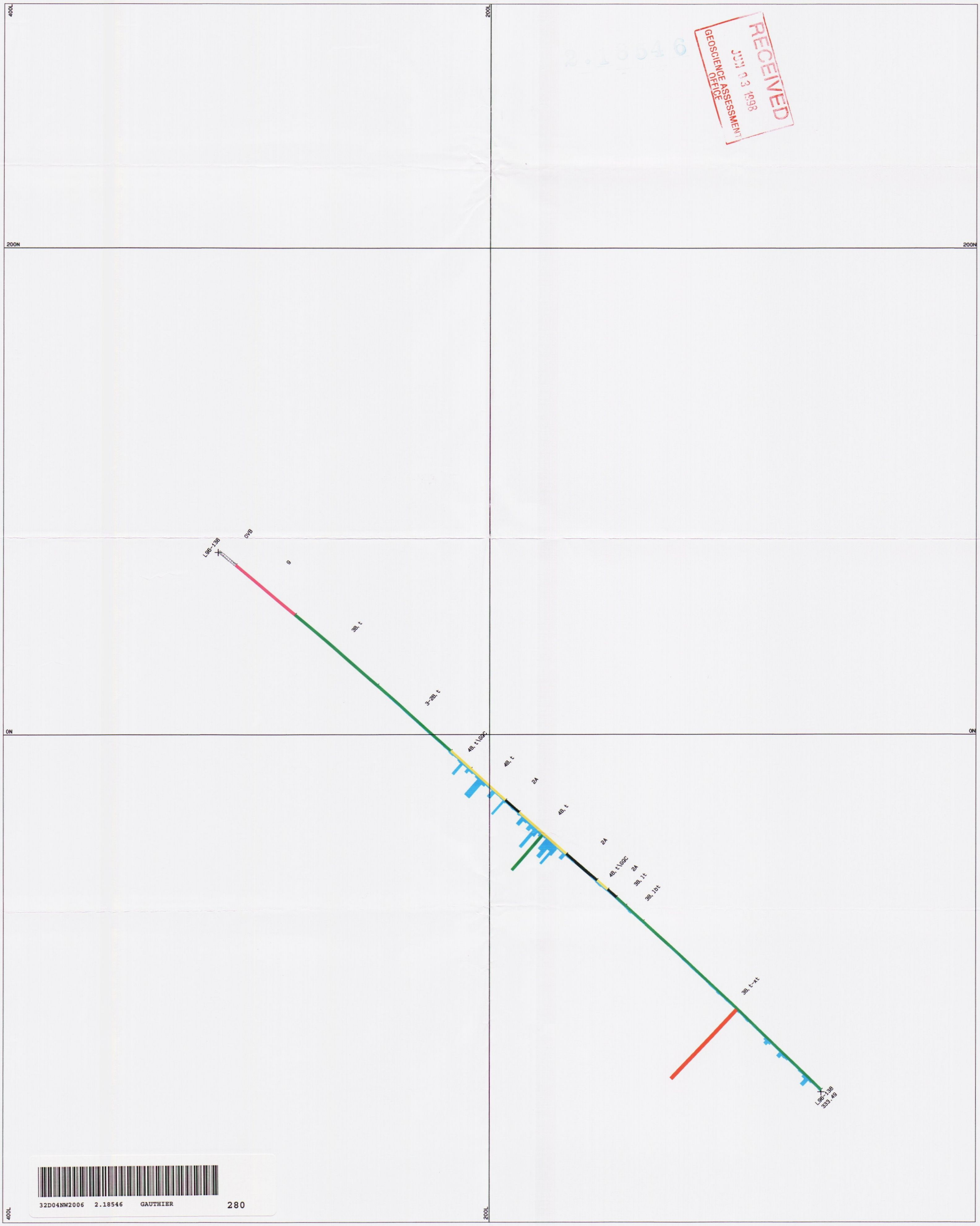
W.A. HUBACHECK CONSULTANTS LTD.

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 280

SUDBURY CONTACT MINES LTD.

LEGEND

Gold Histograms

0-1 gAu/tonne	blue
1-3 gAu/tonne	green
3-5 gAu/tonne	red
>5 gAu/tonne	purple

1 cm. of histogram bar length = 1 gAu/tonne.

Major Rock Units

2 Mafic Volcanics	5D Debris Flow	8C Quartz-feldspar porphyry
3 Intermediate Volcanics	5E Turbidite	8F Syenite
4 Felsic Volcanics	5G Graphite	9 Diabase
5A Argillite	7 Mafic Intrusive	F.Z. Fault Zone
5B Conglomerate	7B Lamprophyre	GQC Graphite-Quartz-Carbonate
5C Wacke	8B Feldspar porphyry	

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 4B) Pyroclastics

t	tuff
lt	lapilli tuff
lbt	lapilli-bomb tuff
xt	crystal tuff
agg	agglomerate
frag	fragmental
bx	breccia
Vq, Vqc	quartz, quartz-carbonate vein
Py, py	pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 1200E (looking west)

Hole Az.: 175 Claim L.37341

0 10 20 30 40 50 metres

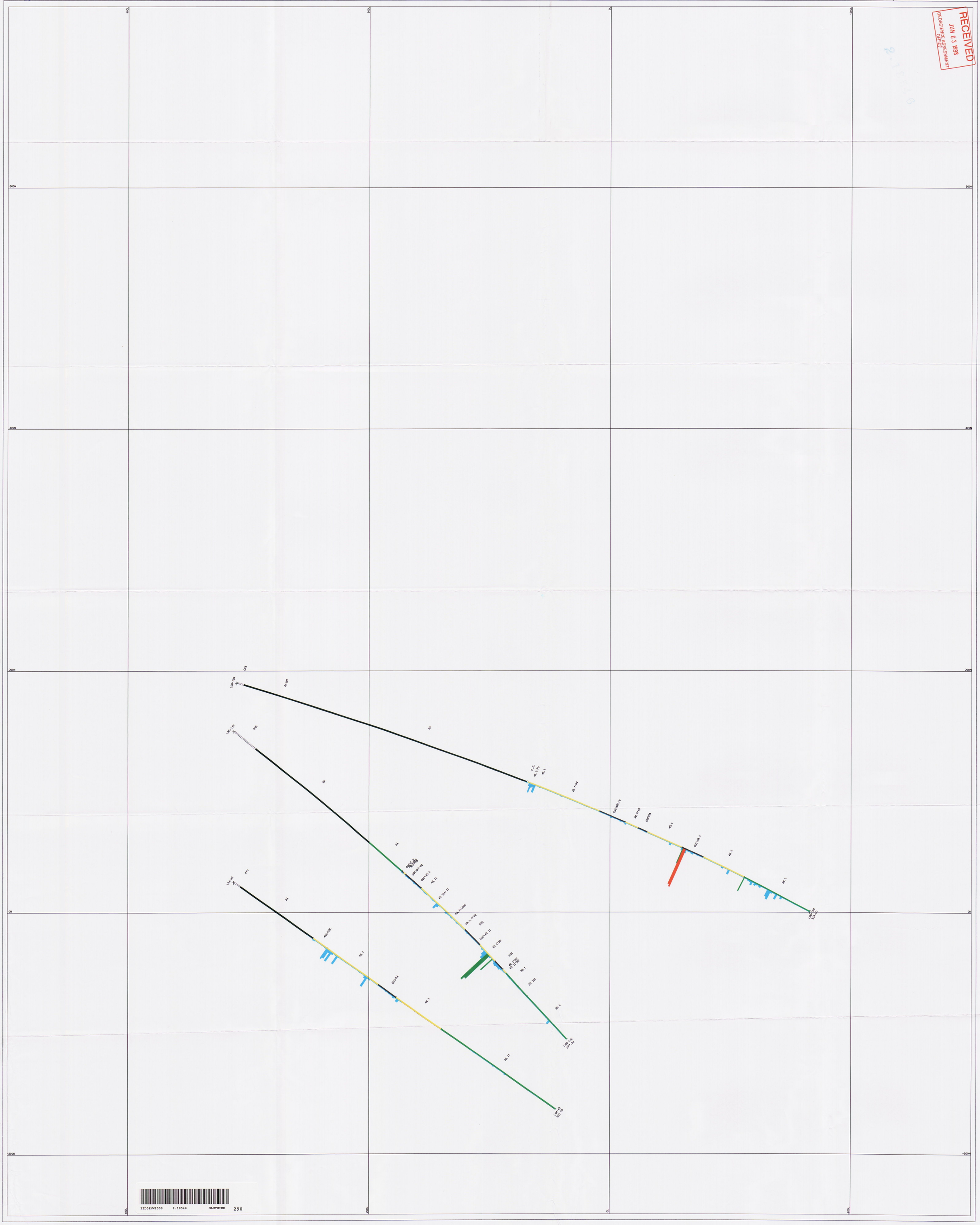
File : 139

Scale : 1 : 1000

Date : 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 290

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics

t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

File: 141

VICTORIA CREEK PROJECT

Section 1800E (looking west)

Hole Az.: 182 Claims 821356/357

0 10 20 30 40 50metres

Scale: 1 : 1000 Date: 24 Jun 1997

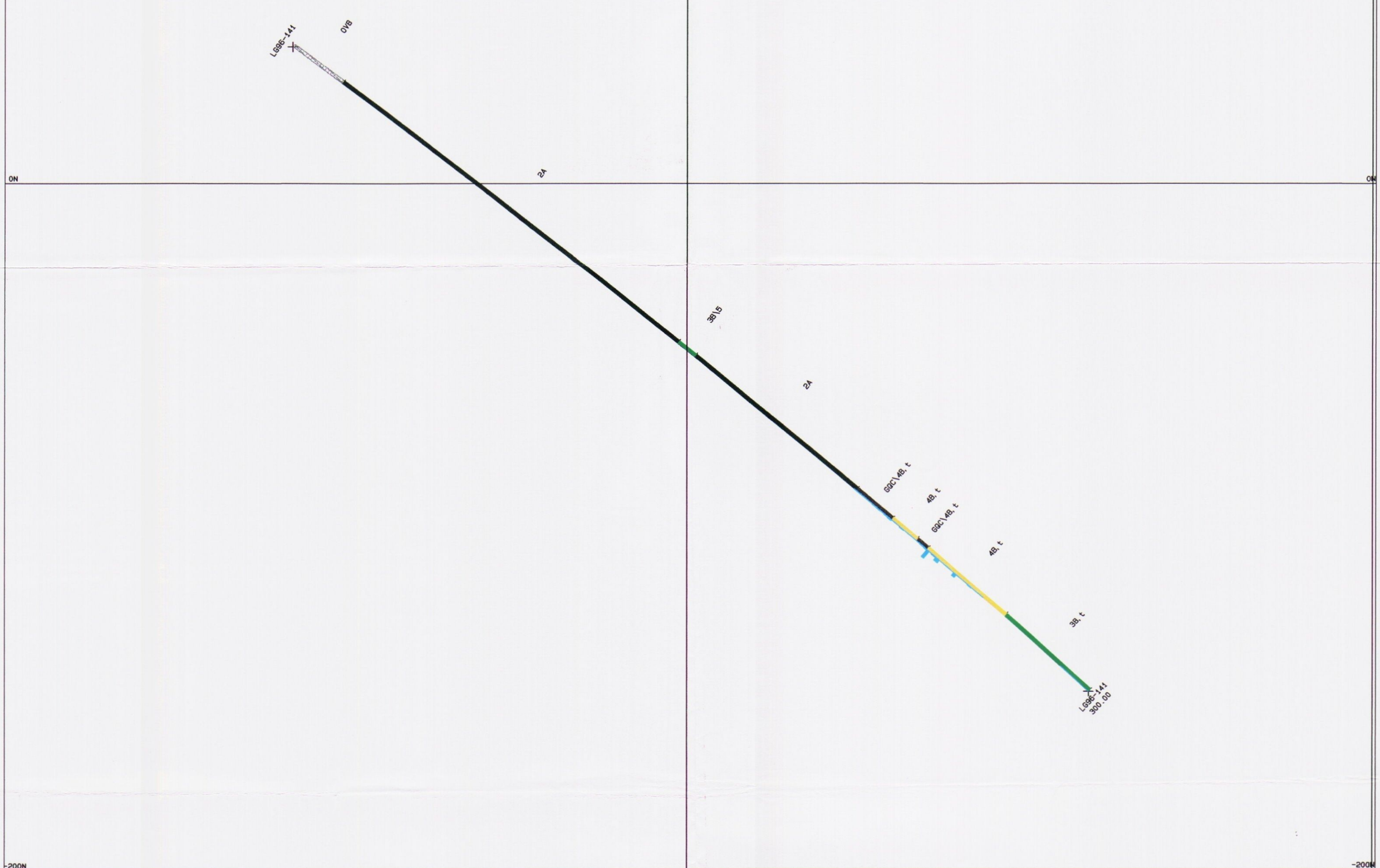
W.A. HUBACHECK CONSULTANTS LTD.

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 300

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows
B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

File: 140

VICTORIA CREEK PROJECT

Section 2000E (looking west)

Hole Az.: 180 Claim L. 821356/7

0 10 20 30 40 50metres

Scale: 1 : 1000

Date: 28 Aug 1997

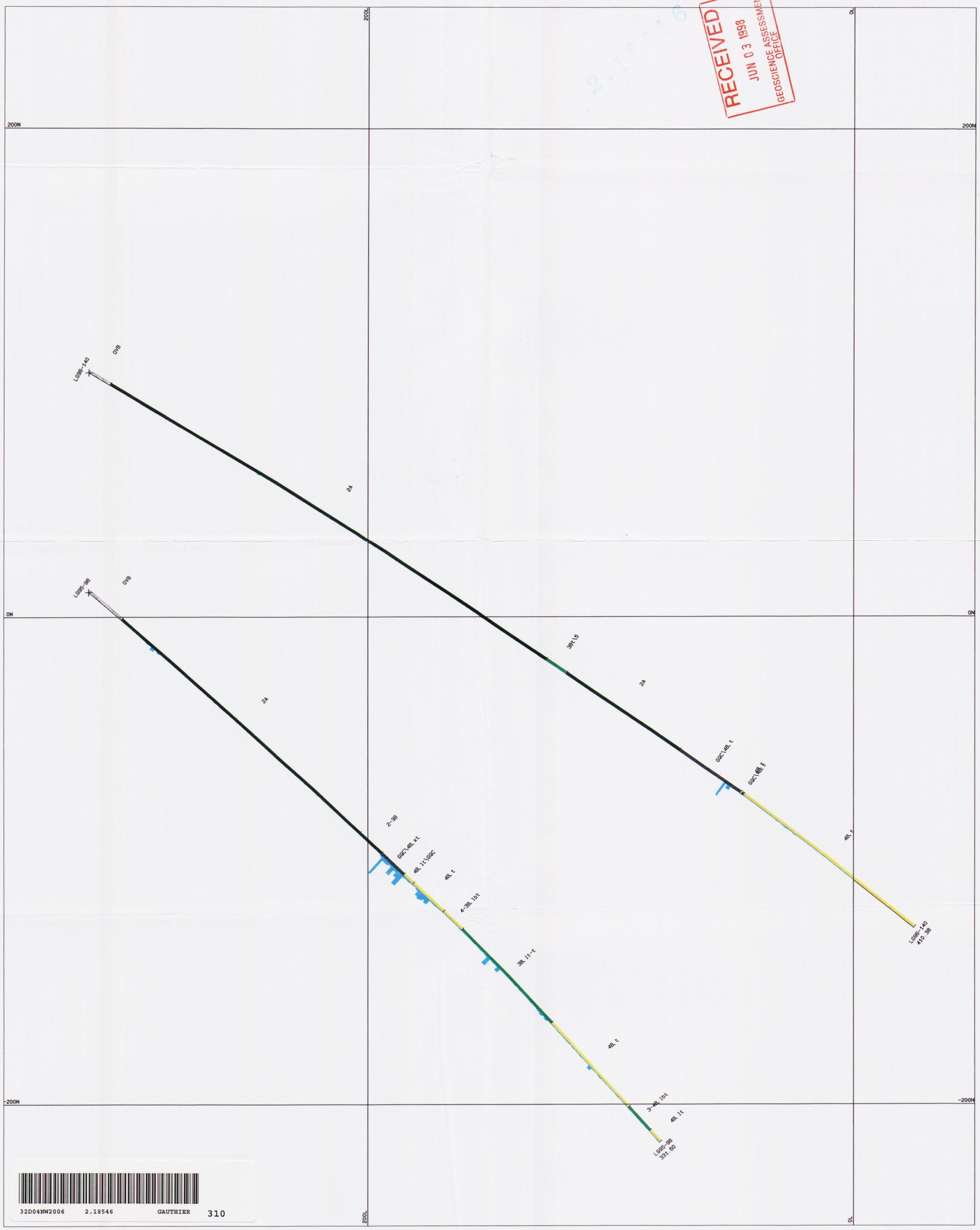
W.A. HUBACHECK CONSULTANTS LTD.

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 310

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 2200E (looking west)

Hole Az.: 180 Claims 800274/275

0 10 20 30 40 50metres

Gold Histograms

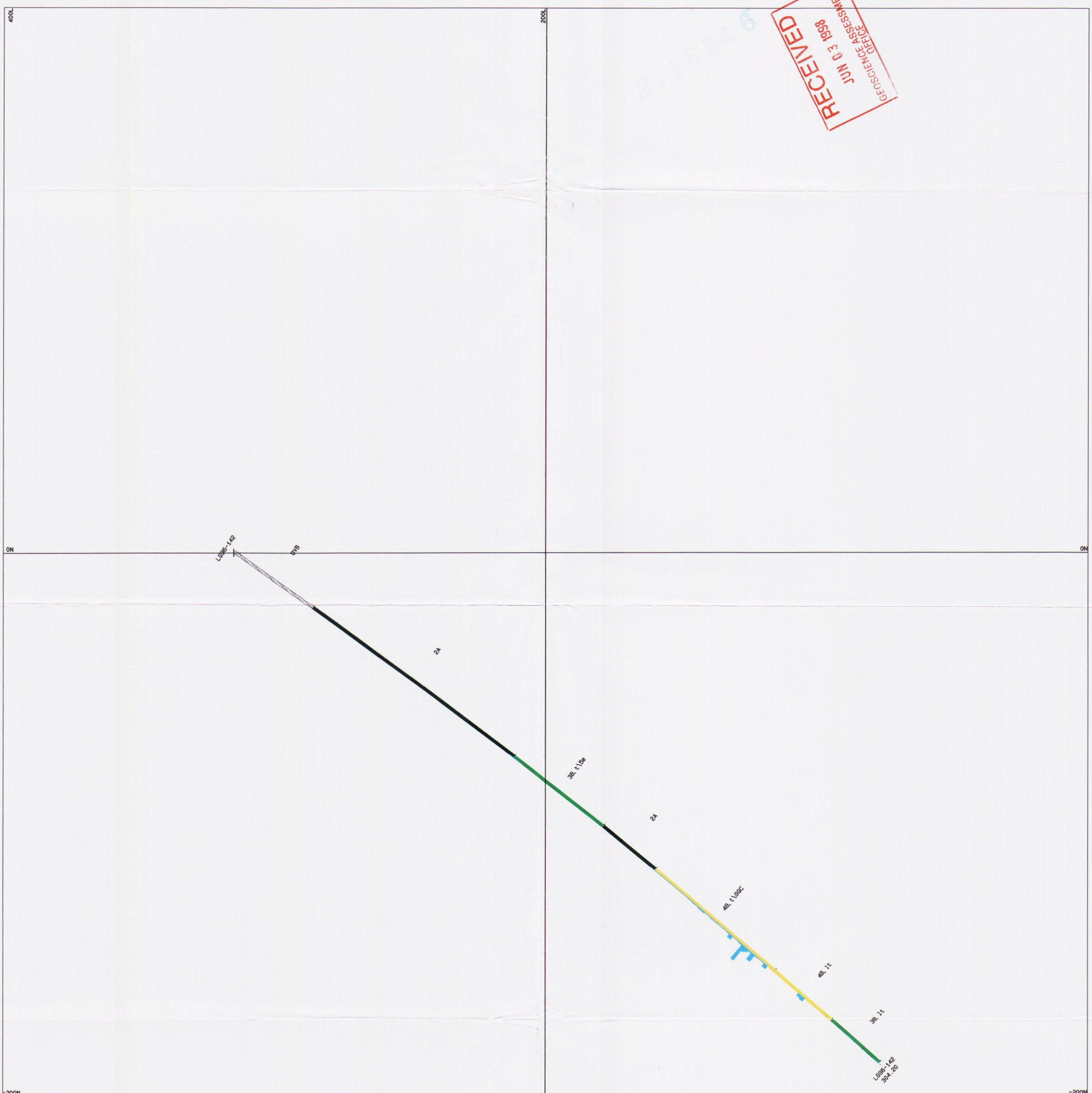
0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 142 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

RECEIVED JUN 03 1998 GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 320

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY,py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 2200E (looking west)

Hole Az.: 180 Claims 800275/276

0 10 20 30 40 50metres

Gold Histograms

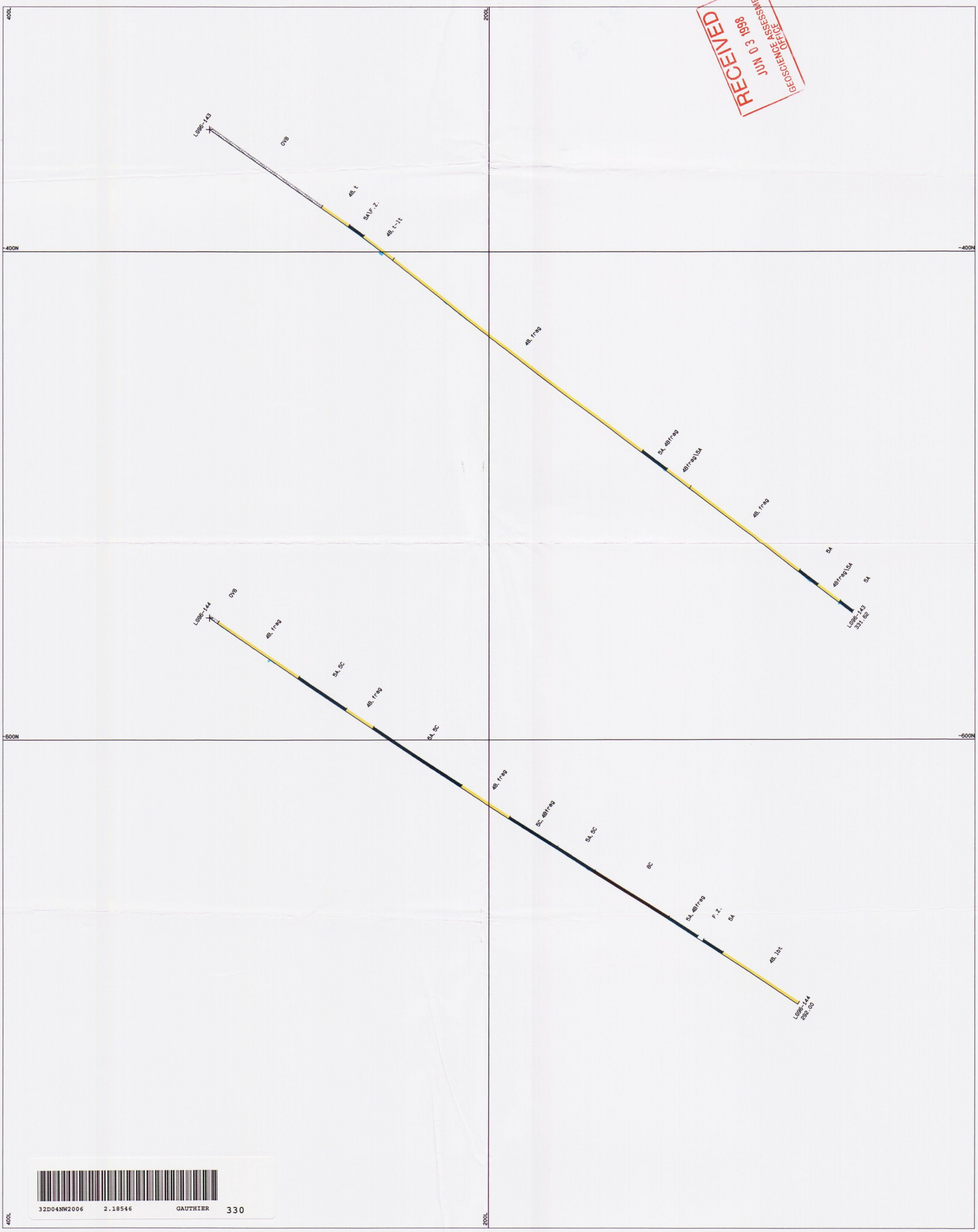
0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 143_144 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 330

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 2625E (looking west)

Hole Az.: 180 Claims 800269/270

0 10 20 30 40 50metres

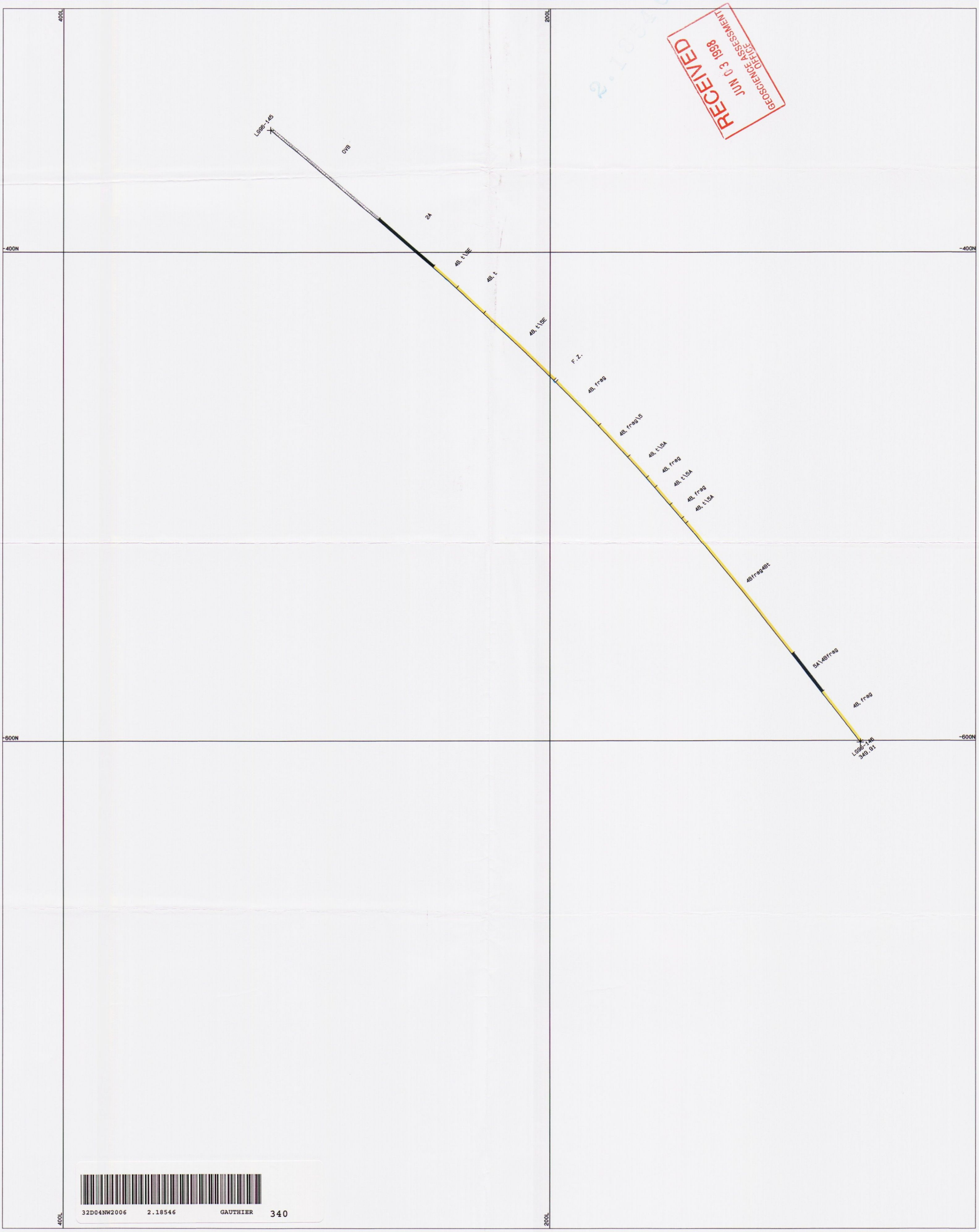
Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 145 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.



RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE

32D04NW2006 2.18546 GAUTHIER 340

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics
t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

File: 146

VICTORIA CREEK PROJECT

Section 4000E (looking west)

Az.: 180 Claims 800257/918224

0 10 20 30 40 50metres

Scale: 1 : 1000

Date: 24 Jun 1997

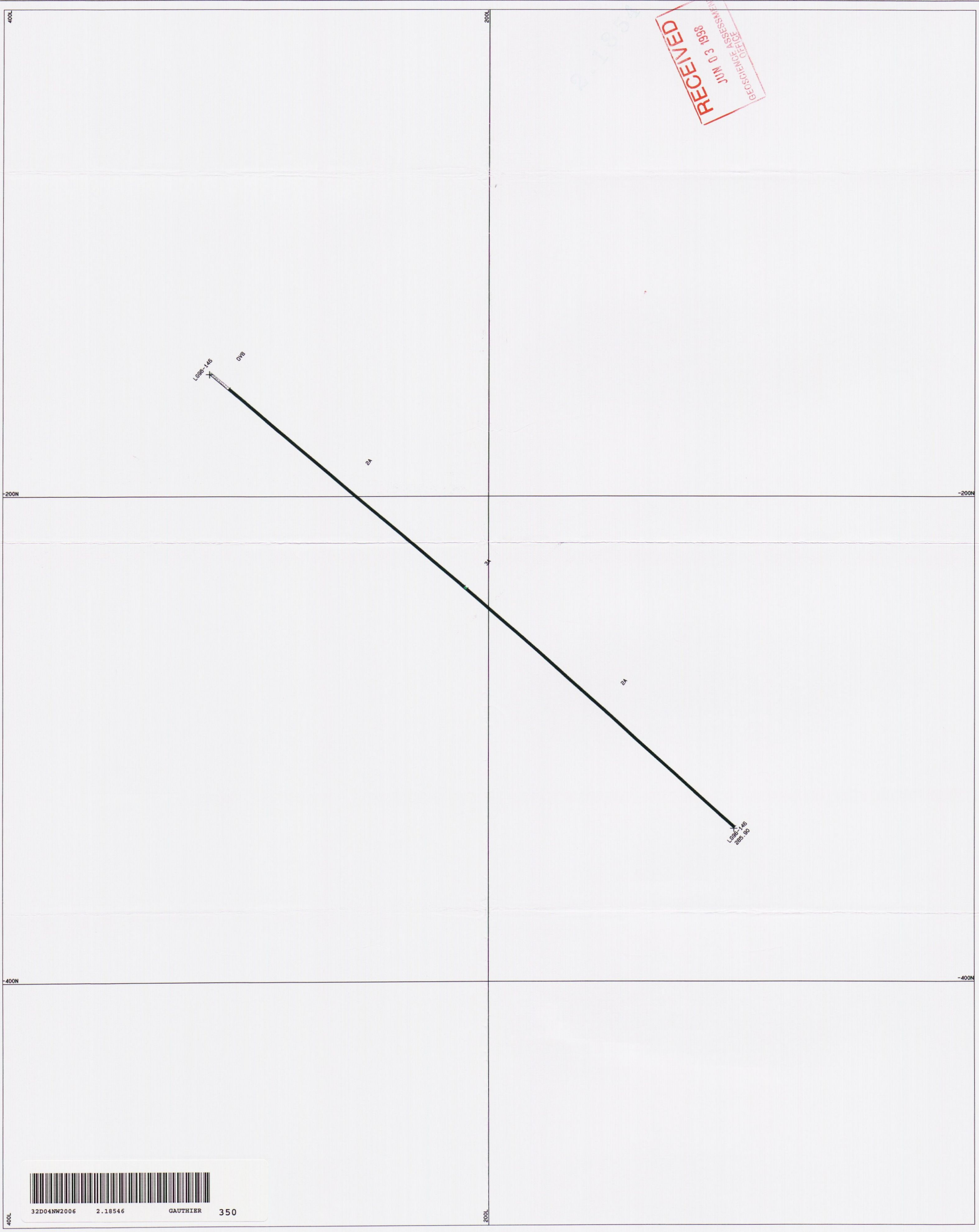
W.A. HUBACHECK CONSULTANTS LTD.

Gold Histograms

0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

RECEIVED JUN 03 1998 GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 350

SUDBURY CONTACT MINES LTD.

LEGEND

Major Rock Units

2 Mafic Volcanics
3 Intermediate Volcanics
4 Felsic Volcanics
5A Argillite
5B Conglomerate
5C Wacke
5D Debris Flow
5E Turbidite
5G Graphite

7 Mafic Intrusives
7B Lamprophyre
8B Feldspar porphyry
8C Quartz-feldspar porphyry
8F Syenite
9 Diabase
F.Z. Fault Zone
GQC Graphite-Quartz-Carbonate

Rock Adjectives (Volcanics)

A (eg. 2A) Flows B (eg. 3B) Pyroclastics

t tuff
lt lapilli tuff
lbt lapilli bomb tuff
xt crystal tuff
agg agglomerate
frag fragmental
bx breccia
Vq, Vqc quartz, quartz-carbonate vein
PY, py pyrite, pyritic

	Init	Date
Surveyor		
Drawn	D.J.	
Checked		
Approved		

VICTORIA CREEK PROJECT

Section 1600W (looking west)

Hole Az.: 180 Claim L. 599075

0 10 20 30 40 50metres

Gold Histograms

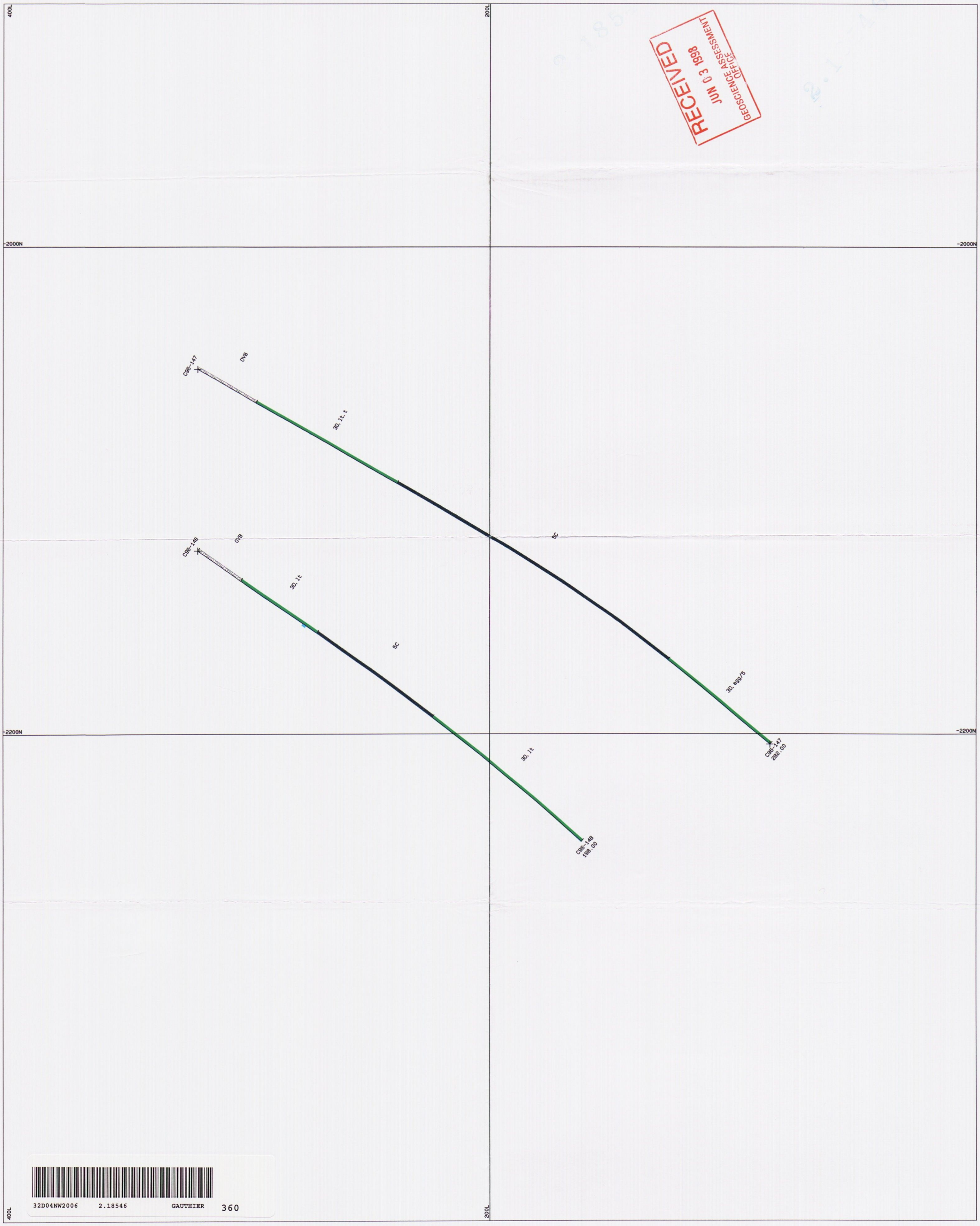
0-1 gAu/tonne blue
1-3 gAu/tonne green
3-5 gAu/tonne red
>5 gAu/tonne purple

1cm of histogram bar length = 1gAu/tonne

File: 147_148 | Scale: 1 : 1000 | Date: 24 Jun 1997

W.A. HUBACHECK CONSULTANTS LTD.

RECEIVED
JUN 03 1998
GEOSCIENCE ASSESSMENT OFFICE



32D04NW2006 2.18546 GAUTHIER 360