VOLUME 1

SUMMARY REPORT ON THE

1994 DIAMOND DRILLING CAMPAIGN

ON THE VICTORIA CREEK PROJECT

1994 OMIP APPLICATION SUBMISSION

PREPARED BY W. A. HUBACHECK CONSULTANTS LTD.

ON BEHALF OF

SUDBURY CONTACT MINES LTD.

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Summary

Sudbury Contact Mines Ltd. is involved in the exploration of a large group of claims called "The Diamond Lake Project" in Gauthier, McVittie, Arnold, Katrine, McElroy, and Hearst Townships, totalling 385 claims and 25,460 acres of which the Victoria Creek Project is the North Western Portion. The exploration carried out on these lands is oriented towards both gold and diamonds. These lands cover the area north, east, west, and south of the two Diamond Lake Kimberlite Pipes discovered by Sudbury Contact Mines Ltd. in 1989 and 1992. These lands also cover the Larder-Cadillac Break to the south of the two kimberlites..

In 1993 a winter and summer reverse circulation drilling program was completed over the south boundary of the entire property group to assess the up-ice potential of the Diamond Lake Project Claims for both gold and diamonds. The program included 20 holes on the Lac Gauthier Option(the main group in the Victoria Creek Project Portion of the properties).

The Lac Gauthier Option results indicated the existence of a proximal gold dispersal train on the western portion of the property. Reverse Circulation hole LGO-93-15 intersected bedrock which returned 0.044 opt in a sericitized felsic volcanic. These results were followed up with the aquisition of adjoining patented claims (Walhanna Claims), additional staking, linecutting, magnetics, VLF, and I.P. surveys.

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

Sudbury Contact Mines Ltd continued to explore the Lac-Gauthier option in 1994, with as many as four diamond drills operating on the Lac-Gauthier option or adjoining patents.

Since October of 1993 Sudbury has completed 52 diamond drill holes totalling 25,082.64 metres(82,271.06 feet) and gridded with full geophysical, and geological coverage six km of strike length over a 2.5 km north/ south swath. This work has led to the outlining of an inferred mineral resource of 4.72 million tons grading 0.132 ounces of gold per ton over an average width of 14.3 feet. This includes the west zone totalling 1.97 million tons grading 0.07 ounces per ton over an average width of 14.0 feet and the east zone of 2.75 million tons grading 0.174 ounces per ton gold over and average width of 14.4 feet. (The inferred resource computation was performed manually using the cross-sectional correlations to perform polygonal block modeling, with 0.05 ounces per ton as the cut off grade, and all assays cut to 1 ounce. Drill hole intercepts with gold mineralization were correlated within the section plane on the basis of lithostratigraphy, sulphide contents, alteration, and structural deformation.)

From the results to date Sudbury Contact Mines Ltd. will be conducting a closer spaced drilling campaign totalling 30,000 metres over the best part of the Main East Zone to increase confidence and to prove up a tonnage. Some drilling will be completed on the west zone to test for better grade zones.

INTRODUCTION

The Victoria Creek Project is comprised of the Lac-Gauthier, Walhanna, Consolidated Thompson Lundmark, and the Gauthier-Arnold Properties and adjoins the remainder of the original Diamond Lake Project to the South and East.

The Lac-Gauthier McVittie Property, optioned from Lac Minerals Ltd., on September 27, 1991, comprises 122 unpatented claims totalling 4,880 acres in two groups: a 92 claim group in Gauthier Township and a 30 claim group in McVittie Township. This report covers work completed on the northwestern portion of the Lac-Gauthier Property.

The Walhanna Property, optioned from Walhanna Enterprises Limited on September 1, 1993 comprises 6 patented mining claims totalling approximately 270 acres in northwest Gauthier Township.

The Consolidated Thompson Lundmark Property, optioned from Consolidated Lundmark Gold Mines Ltd. on December 1, 1993, comprises 50 patented mining claims and licenses of occupations and nine unpatented mining claims totalling approximately 2270 acres in northeast Lebel Township, Southwestern Arnold Township and in northwest Gauthier Township.

In addition to the three optioned properties Sudbury Contact has had an ongoing staking program in the area and nine contiguous claims totalling 2600 acres have been staked in Arnold and Gauthier Townships.

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

These positive gold results from the 1993 diamond drilling initiated the acquisition of the Consolidated Thompson Lundmark 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 Walhanna, northeastern portion of the Consolidated Thompson Lundmark and northwestern portion of the Lac-Gauthier Properties (Webster and Vickers, 1994). The surveys outlined a number of interesting targets over the survey area. These targets lead to a diamond drilling program of 46 holes totalling 23,606 meters between February 1 and October 30, 1994.

This report describes the results of a portion of the diamond drilling totalling 11 holes and 4,169.5 metres completed on the Victoria Creek Project during the period of February 1, 1994 to October 30, 1994. This report is written as Sudbury Contacts 1994 Victoria Creek Project OMIP Grant report.

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, K. Montgomery, and D. Jamieson.

LOGISTICS

Diamond Drilling:	Bradley Bros. Drilling Ltd. Rouyn-Noranda, Quebec
Assay Lab:	Assayers Laboratories Rouyn-Noranda, Quebec X-Ral Laboratories Rouyn-Noranda, Quebec
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PROPERTY AND PROJECT AREA DESCRIPTION

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

The Lac-Gauthier Option was acquired on September 27, 1991 and consists of 92 unpatented mining claims totalling 3,680 acres and the Walhanna Option was acquired on September 1, 1993 and 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 Option was acquired on December 1, 1993 and consists of 50 patented mining claims and licenses of occupation and 9 unpatented mining claims totalling approximately 2270 acres in the northwestern section of Gauthier Township and northeastern section of Lebel Township and south western corner of Arnold Township in the Larder Lake Mining Division (Figure 1).

The wholly owned Gauthier and Arnold Township claims which total nine claims and approximately 2600 acres are contiguous to the other properties to the north and south. These claims have been acquired through staking between 1992 and 1994.

Lac-Gauthier Option: 1110596, 111374-79, 1145455, 800255-278, 821260-274, 821285, 821288, 821290, 821351-358, 894120-127, 918200-202, 918204, 918207-216, 918219-227, 918231-232, 918234-235.
Walhanna Option: 37259-260, 37310-312, 37341.
Consolidated Thompson Lundmark Option: patented: 30798-30799, 30804-30805, 30807-30808, 6872-6874, 7845-7848, LS 18, LS 18, 14023, 9338-9353, 8502-8504.
Licenses of Occupation: 16133, 14224, LS 17, 30800-30803, 30806, 30809-30814, 30883.
Unpatented: 599071-599079.

Wholly Owned Gauthier and Arnold Claims: 1200504,1186217,1186216,1200584-585,1200587-1200588,1200506, 1186618.

LOCATION AND ACCESS

The properties are located approximately 15 Km east of Kirkland Lake, in northwestern Gauthier Township, southwestern Arnold Township and northeastern Lebel Township. They are accessible via Hwy. 672 (Esker Lakes Park Road) and unmaintained logging roads/trails leading east and west off Hwy. 672 and the Dobie Road to The Beaver-House Gold Mine north from Hwy 66. Victoria Lake is situated in the northwestern section of the project area and Victoria Creek cuts through the properties from northwest to southeast (Figure 2).

REGIONAL GEOLOGY

The area is dominated by the Archean Upper Super groups: Kinojevis, Temiskaming and Blake River (Figure 3).

The Kinojevis Group comprises Mg-rich and Fe-rich tholeiitic basalts, and minor andesite, dacite and rhyodacite flows and tuffs with associated thin interflow argillites and cherts.

The Blake River Group comprises calc-alkalic basalts, andesite, dacite and rhyolite flows and tuffs, and minor related volcaniclastics. Both groups contain sills and stocks of gabbroic and dioritic affinity.

The Temiskaming Group comprises K-rich alkalic and calc-alkalic volcanics, (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 Group was localized within a graben between the Kinojevis/Blake River Groups located mainly to the north and the Larder Lake and Skead Groups to the south.

Eruptive and depositional litho-tectonic facies appear to be disconformable within these groups, with some localization of volcanics along shears and fractures possibly related to rifting and graben formation.

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 Group 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, mineralization in the area and on a semi regional scale occurs at or proximal to the Temiskaming-Larder Lake Group boundaries/time stratigraphic datums.

PROPERTY GEOLOGY

The geology described in this section refers to the stratigraphy encountered by the 1994 diamond drill program.

Bedrock exposure in the drilling area is blanketed by a thick (30 to 45 m vertical) cover of overburden consisting of glaciolacustrine sand and silt, part of the Munro Esker system. The 1993 and

1994 diamond drilling programs provide the only geological information for this overburden covered area.

The area south of Victoria Creek is underlain by pillowed to massive mafic flows, classified in the field as tholeiitic basalts of the Kinojevis assemblage. Diamond drilling to date indicates the mafic assemblage extends south of Victoria Creek to approximately 50 to 100 N on the grid. The mafic assemblage intersected by the drilling consists of alternating massive, fine grained, magnetic, mafic Fe tholeiitic flows and massive, medium to coarse grained, non-magnetic mafic Fe tholeiitic flows. Also intercalated with these dark green Fe tholeiite flow sequences are grey fine grained Mg tholeiitic flow sequences. Locally flows are pillowed , amygduloidal and variolitic.

The contact between the Kinojevis Group mafic flows and the Gauthier Group intermediate and felsic pyroclastics trends roughly east-west at 50 to 100 N on the grid. West of L2W the contact strikes slightly northwest under Lake Victoria. The contact dips north at 65 to 70 degrees.

The Gauthier Group intermediate to felsic pyroclastics where encountered in the diamond drilling along the base line and are not exposed on surface in the map area. From north to south, the drilling intersected the following Gauthier Group stratigraphy (L8E to L6W):

a) Intermediate ash tuff with chert beds or silicified ash layers. This unit marks the Kinojevis/Gauthier Group contact.

b) Sericitized Felsic ash tuff lacking pyrite mineralization and containing very low gold values.

c) Felsic ash to lapilli tuffs/Graphite-quartz-carbonate zones with 3 to 5 % very fine grained pyrite mineralization. The graphite zones are well laminated and may be argillaceous mudstones.

d) Felsic fragmental unit occurs either above or below the pyritic felsic crystal tuff. This fragmental is variable in spatial distribution and width and likely represents a debris flow or a series of debris flow lenses.

e) Pyritic siliceous Felsic crystal tuff . It contains 5 to 15 % very fine grained disseminated pyrite mineralization. Alteration consists of moderate to intense iron carbonatization and silicification and weak sericitization.

f) Felsic to Intermediate lapilli-bomb tuffs consisting of 10-20 % fragments generally of felsic ash or intermediate crystal tuff. The unit contains 1 to 3 % pyrite and is often sericitized.

g) Sericitized Felsic ash tuff with local intermediate crystal tuff layers. The unit was strongly deformed in some drill holes and labelled a Carbonate-sericite-quartz schist.

h) Felsic ash tuff/Intermediate crystal tuff is a transitional unit between the above and below units, that is moderately quartz veined.

i) Intermediate crystal tuff moderately quartz veined.

The above units are described in more detail in the diamond drill logs (Appendix A). Variations to the above stratigraphic units occur west of L0 where more graphitic and sericitic fine ash tuff (tuffaceous mudstone) material is present.

On the Baseline IP trend, pyrite mineralization occurs as fine disseminations, laminations/bands (2

to 5 mm wide), elliptical to angular fragments (from 1x3 mm to 2x3 cm in size), and local stringer network. Overall pyrite content is 2 to 5 per cent with local sections up to 15 per cent.

Deformation within the mafic flows is generally weak. Strike directions of the pillowed mafic flows average 110 to 90 degrees and may vary locally indicating folding. A strong F1 foliation is developed in the Gauthier Group intermediate and felsic pyroclastics with a vertical to steep north dip. The strike of F1 is believed to be east-west. The F1 foliation is locally folded by an F2 shear foliation that is strongly developed in the felsic units. The F2 foliation appears to dip north 40 to 50 degrees and causes minor displacement (mm) of the F1 foliation. Rare F3 foliation was observed in some holes.

DIAMOND DRILLING

A diamond drilling program was undertaken on the Victoria Creek Project by Sudbury Contact Mines Ltd. from February 9 to March 28, 1994, and June 1, 1994-October 30, 1994 utilizing between two and four drills. A total of 23,606 meters was drilled in 46 holes with eleven holes totalling 4,169.5 meters the topic of this report. The exploration targets where the depth and strike extension of the Victoria Creek gold zone and linear IP anomalies for gold and/or base metal mineralization.

The following drill hole summaries are referenced from the Geophysical Field Grid(Webster and Vickers, 1994). and the Mine Survey Grid on the properties

All drill core is being stored in racks at the Sudbury Contact Core racks in Cobalt Ontario and in Larder Lake Ontario.

HOLE L94-14

Location: Walhanna Option
L1000E, 150N(Field Grid)
10180.615 N, 9378.581 E(Mine Grid)
Elevation: 312.066
Claim: 37341
Azimuth: 180, Dip: 50
Length: 266.50 m

Target: The Base Line IP Anomaly and a Magnetic Low.

Summary: The hole intersected the following stratigraphy:

0-19 m	Overburden.
19-73.4	Mafic Flow.
73.40-89.36	Silicified Intermediate Tuff.
89.36-192.65	Gabbro.
192.65-195.30	Silicified Graphite-Pyrite Zone.
195.30-220.42	Gabbro.
220.42-234.55	Silicified Felsic Ash Tuff, Pyrite 1 %.
234.55-266.50	Silicified Felsic Crystal-Lapilli Tuff.
266.50	End of the Hole.

Hole C94-15

Location: Consolidated Thompson Lundmark Option
L 2+00 W, 0+79 N(field Grid)
10161.353 N, 8184.980 E(Mine Grid)
Elevation: 340.377 metres
Az: 180°, Dip: -60°
Length: 284 m.

Target: The base line IP conductor and resistivity high.

Summary:

0-67.43	overburden
67.43-75.52	Carbonated mafic volcanic flow(Mg Tholeiite)(trace-1% pyrite).
75.52-94.72	Interbanded fine siliceous felsic ash tuff and intermediate crystal lapilli tuff(1% disseminated pyrite).
94.72-117.19	Calcareous silicified Intermediate ash-crystal tuff(trace -1% pyrite).
117.17-121.60	Feldspar porphyry felsic dyke
121.60-137.47	Calcareous silicified Intermediate crystal ash tuff
137.47-150.02	Felsic ash tuff to tuffaceous mudstone, well laminated, with graphite/quartz/carbonate zones(3-7% pyrite).
150.02-152.21	Feldspar quartz porphyritic felsic intrusive.
152.21-156.43	Graphitic-Carbonate ash tuff (7-10% pyrite).
156.43-176.76	Felsic lapilli (fragmental) tuff(3-5% pyrite).
176.76-178.63	Feldspar quartz porphyritic felsic intrusive.
178.63-182.09	Well laminated pyritic felsic ash tuff(8% pyrite).
182.09-183.36	Quartz graphite breccia and fault gouge(4-5% pyrite)
183.36-211..90	Sericitized fine felsic ash tuff(2-5% pyrite, tr-1% calcopyrite, trace sphalerite).
211.90-284	Sericitic carbonated intermediate ash-lapilli tuff(tr-1% pyrite).
284	End of hole.

HOLE C94-16

Location: Consolidated Thompson-Lundmark Property.
L1600W, 270N(field grid)
Claim: 30803
Azimuth: 180, Dip: 48
Length: 308 m

Target: The Northern Victoria Lake IP Anomaly.

Summary: The hole intersected the following stratigraphy:

0-16 m	Water.
16-61	Overburden.
61-87.85	Carbonatized Mafic Flow.
87.85-113.28	Mafic Flow, amygduloidal.
133.28-131.16	Carbonatized Mafic Flow.
131.16-164.00	Graphite Zone, Pyrite 2-3 %.
164.00-171.40	Felsic Ash Tuff Breccia, carbonatization.

171.40-206.00	Felsic Crystal to Lapilli Tuff.
206.00-241.04	Felsic Ash Tuff.
241.04-243.60	Intermediate Crystal to Lapilli Tuff.
243.60-282.90	Felsic Lapilli Tuff.
282.90-308.00	Intermediate Lapilli Tuff.
308.00	End of the Hole.

Hole C94-17

Location: Consolidated Thompson Lundmark Option.
L 12+00 W, 0+55 S(field grid)
Claim: 30802
Azimuth: 180°, Dip: 48°
Length: 286 m.

Target: The Base line induced polarization and resistivity anomaly.

Summary:

0-26.50	Water & Overburden.
26.50-26.69	Graphitic lapilli tuff.
26.69-152.97	Felsic- Intermediate lapilli-bomb tuff
152.97-167.93	Graphitic ash-lapilli felsic tuff(1-2% pyrite).
167.93-176.97	Quartz feldspar porphyritic felsic dyke(2% pyrite).
176.97-192.38	Felsic lapilli(fragmental) tuff(1-2% pyrite).
192.38-192.97	Graphitic quartz carbonate tuff and fault gouge.
192.97-193.93	Felsic ash tuff(tr-1% pyrite).
193.93-194.48	Graphitic tuff and massive pyrite bands.
194.48-231.64	Felsic lapilli crystal tuff breccia(tr.-1% pyrite)
231.64-286	Felsic-Intermediate lapilli-bomb tuff(agglomerate)
286	End of hole.

HOLE C94-18

Location: Consolidated Thompson-Lundmark Property
L600W, 85N(field grid)
10184.873 N, 7787.412 E(mine grid)
Claim: 9339
Elevation: 318.635 m.
Azimuth: 180 Dip: 53
Length: 299 m

Target: The Baseline Induced Polarization Anomaly.

Summary: The hole intersected the following stratigraphy:

0-63 m	Overburden.
63-132.70	Sericitized Felsic Ash Tuff.
132.70-145.15	Graphite-Carbonate Zones/ Brecciated Felsic Ash Tuff; silicification, sericitization and iron

carbonatization, Pyrite 8 %.
145.15-150.00 Pyritic Sericitized Felsic Ash Tuff, Pyrite 8-7 %.
150.00-202.20 Graphitic Felsic Ash Tuff, iron carbonatization.
202.20-208.00 Sericitized Felsic Crystal Tuff, iron carbonatized.
208.00-245.10 Sericitized Felsic Lapilli Tuff, iron carbonatized.
245.10-299.00 Felsic Ash Tuff/Intermediate Tuff.
299.00 End of the Hole.

Hole C94-27

Location: Consolidated Thompson Lundmark
Claim: 9350
1+60N 4+00W(field grid)
10252.409 N, 7989.04 E
Elevation: 332.895 m.
Azimuth: 180 Dip: -65
Length: 362.

Target: Test base line IP/Resistivity anomaly on Line 4W

Summary:

0-75.7 Overburden.
75.7-119 Mafic volcanic flows.
119-200.8 Intermediate tuff.
200.8-205.3 Quartz-feldspar porphyry.
105.3-210.3 Felsic tuff.
210.3-215.25 Quartz-feldspar porphyry.
215.25-254.6 Felsic ash tuff.
254.6-258.0 Felsic tuff-breccia.
258.0-271.2 Quartz-feldspar porphyry, graphitic fault.
271.2-313.1 Felsic ash-lapilli ash tuff .
313.1-362 Intermediate lapilli tuff.
362 End of hole.

Hole C94-29

Location: Consolidated Thompson Lundmark Option
Claim: 9350
0+80N 3+00W(field grid)
101163.914N, 8077.613E(Mine Grid)
Elevation: 343.232 m.
Azimuth: 180 Dip: -60

Length: 296 m.

Target: Test base line ionization potential and resistivity anomaly on L 3W.

Summary:

0-84	Overburden
84-113.9	Intermediate ash tuff with pervasive calcite alteration and local quartz-graphite-pyrite.
113.9-121.4	Massive graphite - quartz-calcite sericite-pyrite alteration at lower contact.
121.4-126.5	Quartz-feldspar porphyry.
126.5-144	Felsic ash tuff with quartz-graphite-sericite-pyrite.
144-157.7	Felsic lapilli (fragmental) tuff.
157.7-170.5	Felsic ash tuff.
170.5-174.3	Quartz feldspar porphyry.
174.3-212.8	Felsic ash tuff intercalated with quartz graphite carbonate bands.
212.8-296	Intermediate to felsic ash-lapilli tuff
296	E.O.H.

Hole C94-31

Location: Consolidated Thompson Lundmark Option
Claim: 9350
2+60N, 2+00 W(field grid)
10341.586 N, 8193.149 E(Mine Grid)
Elevation: 340.642 m.
Azimuth: 180 Dip: -59
Length: 531 m.

Target: Test main zone 200 metres below C94-15 intersection.

Summary:

0-64.1	Overburden.
64.10-286.2	Mafic flows.
286.20-323.1	Intermediate tuff.
323.10-336.5	Quartz feldspar porphyry.
336.50-355.3	Felsic ash tuff/graphite-quartz-carbonate zones.
355.30-356.2	Quartz feldspar porphyry.
356.20-361.8	Felsic ash tuff/graphite-quartz-carbonate zones.
361.80-368.5	Graphitic tuff with nodular pyrite.
368.50-374	Felsic lapilli tuff.
374.00-438.3	Felsic ash tuff.
438.30-492.5	Intermediate lapilli tuff/felsic ash tuff.
492.50-531	Felsic ash tuff.
531.	End of hole.

Hole LG94-35

Location: Lac Gauthier Option
Claim: 821260

4+30N 2+00W(Field Grid)
10511.920 N, 8198.826 E(Mine Grid)
Elevation: 338.817 m.
Azimuth: 180 Dip: -65
Length: 706 m.

Target: Test the main zone 200 metres below C94-31.

Summary:

0-83	Overburden.
83-181.4	Mafic Flows.
181.4-188.9	Quartz Feldspar Porphyry - altered.
188.9-389.5	Mafic Flows.
389.5-493.3	Quartz-Feldspar Porphyry.
493.3-523.5	Intermediate Ash Tuff.
523.3-526.8	Quartz-Feldspar Porphyry.
526.8-530.9	Felsic Ash Tuff.
530.9-540.5	Quartz-Feldspar Porphyry.
540.5-561.8	Felsic Ash Tuff/Graphite-Quartz-Carbonate.
561.8-565.1	Quartz-Feldspar Porphyry.
565.1-587.5	Felsic Ash Tuff.
587.5-589.7	Felsic Lapilli-Stone(fragmental) Tuff.
589.7-632.5	Intercalated Intermediate/Felsic Ash tuff.
632.5-706	Intermediate Lapilli Tuff

Hole L94-43

Location: Walhanna
Claim: 37341
0+25N 12+00E(Field Grid)
10044.208 N, 9568.484 E(Mine Grid)
Elevation: 312.391 m.
Azimuth: 180 Dip: -55
Length: 331 m.

Target: Test base line ionization potential and resistivity anomaly.

Summary:

0-6.7	Overburden.
6.7-81.4	Mafic Flows.
81.4-95.2	Felsic Ash Tuff/Graphite-Quartz-Carbonate.
95.2-149	Felsic Ash Tuff.
149-166.2	Graphite-Quartz-Carbonate/Graphite Argillite.
166.2-212.6	Felsic Ash Tuff.
212.6-331	Intermediate Lapilli Tuff.
331	End of hole

Hole C94-45

Location: Consolidated Thompson Lundmark

Claim: 9338
2+50N L3+00W(field Grid)
10329.767N, 8092.539 E(MineGrid)
Elevation: 343.967 m
Azimuth: 180 Dip: -64
Length: 500 m.

Target: Test the main zone 200 metres below C94-29.

Summary:

0-76	Overburden.
76.00-262	Mafic Flows.
262.00-290	Intermediate Tuff.
290.00-313.8	Mafic Flows.
313.80-317.6	Graphite-Quartz-Carbonate.
323.70-335	Felsic Ash Tuff.
325.00-340.3	Felsic Ash/Graphite-Quartz-Carbonate.
340.30-346.7	Felsic Lapilli Tuff.
346.70-350.7	Graphite-Quartz-Carbonate.
350.70-388.8	Felsic Lapilli Tuff.
388.80-390.9	Quartz Feldspar Porphyry.
390.90-466.3	Felsic Ash Tuff/Graphite-Quartz-Carbonate (Deformed and Altered).
466.30-500	Intermediate Tuff.
500	End of Hole.

RESULTS AND RECOMMENDATIONS

Since October of 1993 Sudbury has completed 52 diamond drill holes totalling 25,082.64 metres(82,271.06 feet) and gridded with full geophysical, and geological coverage six km of strike length over a 2.5 km north/ south swath. This work has led to the outlining of an inferred mineral resource of 4.72 million tons grading 0.132 ounces of gold per ton over an average width of 14.3 feet. This includes the west zone totalling 1.97 million tons grading 0.07 ounces per ton over an average width of 14.0 feet and the east zone of 2.75 million tons grading 0.174 ounces per ton gold over and average width of 14.4 feet.

The inferred resource computation was performed manually using the cross-sectional correlations to perform polygonal block modeling, with 0.05 ounces per ton as the cut off grade, and all assays cut to 1 ounce. Drill hole intercepts with gold mineralization were correlated within the section plane on the basis of lithostratigraphy, sulphide contents, alteration, and structural deformation. The continuity of gold mineralization in the east zone has been established to a moderate level of confidence with 100 x 200 metre spacing between 150 and 250 metre depths, and a poor level of confidence with 200 x 300 metre spacing below the 350 and 850 metre depths. The confidence in the west zone has been established to a poor level of confidence with 100x 300 metre spacing throughout the zone. Structural complexities are observed in the mineralized zones which suggest that as new drilling information is added revisions of cross-section correlations may be neccessary.

The purpose of all 1995 work on the Victoria Creek Project is to put us in a confident position to propose an underground program and to lay the ground work including permitting for such a program. A total 30,000 metres has been proposed.

This proposed 1995 drilling is planned to increase confidence in the best parts of the Main East Zone and to expand the reserves down plunge and along strike. The program will also test the Main West

Zone for better grade potential.

In addition to the drilling described above several tasks will take place in concert with the drilling such as hole cementing, drill hole collar surveying, north boundary claim line surveying, grid extension to the east boundary of the Lac Gauthier Option and to cover two new property aquisitions which directly tie on to the Victoria Creek Project on the South Boundary of the Lac Gauthier Option with Magnetics, VLF, and IP/Resistivity, geological mapping, and environmental surveys. Any new targets in these two new properties will be drill tested.

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CERTIFICATE

I, David W. Christie, of the City of Toronto, in the Province of Ontario, Canada, do hereby certify that:

(1) I am an Exploration Geologist, residing at 104 Douglas Ave., Toronto, Ontario, employed by W.A. Hubacheck Consultants Ltd., 141 Adelaide St. West, Suite 1401, Toronto, Ont.

(2) I am a graduate of McMaster University and received my Bachelor of Science degree in Geology in 1986, and have been practising my profession as an Exploration Geologist continuously since graduation.

(3) I am a Member of the Canadian Institute of Mining and Metallurgy - National, and Toronto Branch, the Prospectors and Developers Association of Canada, and the Association of Quebec Prospectors.

(4) This report is based on personal examination of the properties since 1991 and supervision and implementation of work carried out on the properties during 1992, 1993, and 1994 on behalf of Sudbury Contact Mines Ltd.

(5) I have no personal interest in the properties or securities of Sudbury Contact Mines Ltd.

Signed at Toronto, Ontario,
On February 13, 1995

DAVID W. CHRISTIE, B.Sc.

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 Maniece 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 Earth Sciences in 1985, 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 Association of Quebec Prospectors, and TheCanadian Institute of Mining and Metallurgy-Kirkland Lake Branch.

(4) This report is based on personal examination of the properties between January 1993, and October 1994.

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

Toronto, Ontario
February 13, 1995

David R. Jamieson, B.Sc.

CERTIFICATE

I, J. Kevin Montgomery, of the City of Timmins, Province of Ontario, do hereby certify that:

(1) I am a professional Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8 and presently contracted to W. A. Hubacheck Consultants Ltd., 141 Adelaide St. W. Suite 1401, Toronto, Ontario.

(2) I hold a B.Sc. Honours degree in Geological Sciences(1984) from Queen's University of Kingston, Ontario and a M.Sc.(App.) in Mineral Exploration(1987) from McGill University at Montreal, Quebec.

(3) I am a member of the Canadian Institute of Mining and Metallurgy, the Prospectors and Developers Association of Canada, the Porcupine Prospectors and Developers Association, and the Quebec Prospectors Association.

(4) This report is based of personal examination of the properties since September 1993.

(5) I have no personal interest in the properties covered by this report.

(6) Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements but not for advertising purposes.

Dated at Larder Lake, Ontario
this 13th day of February 1995

J.Kevin Montgomery, M.Sc. (A)

APPENDIX A
CERTIFIED STATEMENT OF EXPENDITURES

CERTIFIED STATEMENT OF EXPENDITURES
1994 OMIP GRANT APPLICATION REPORT
SUDBURY CONTACT MINES LTD.
VICTORIA CREEK PROJECT
DIAMOND DRILLING

February 13, 1995

Senior Geologist	11.5 days x $344/day	$3,956.00
Project Geologist	28 days x $242/day	$6,776.00
Contract Geologist	30 days x $202.20/day	$6,066.00
Contract Geologist	43.5 days x $206/day	$8,961.00
Geological Technician	36 days x $120/day	$4,320.00
Diamond Drilling	4169.5 metres x $57.97/metres	$241,719.54
Assays	539 samples x 9.75/sample	$5,255.25
Saw Blades and Core Saw		$3,007.32
Truck, skidoo, & ATV Rental	4.3 months x $1583.27/month	$6,808.08
Accommodation	149 man days x $19.27/day	$2,870.81
Meals	149 man days x $12.89/day	$1,920.43
Field Expenses(meals, supplies, gas, etc.)		$2,168.00
Fuel		$736.32
Field Office and Core Shack Rental	4.3 months x $965.18/month	$4,150.28
Hole Surveying		$5,860.29
Administration Costs		$10,504.59
(Drill Log Typing, Courier, Reproduction, plotting, computer rental, Report Prep, etc.)		
Field Supplies and Equipment Rentals		$9,230.24
	TOTAL:	**$324,310.15**

Certified at Toronto, Ontario on February 14, 1995 by:

Sean Boyd, C.A., Treasurer
Sudbury Contact Mines Ltd.

David W. Christie, B.Sc.
Project Geologist
W.A. Hubacheck Consultants Ltd.

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	Little Property	DISTRICT	Larder Lake	CONTRACTOR	Bradley Brothers
COMMENCED	Feb. 28, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	March 1-5, 1994
COMPLETED	March 4, 1994	CLAIM	L37341	LOGGED BY	Kevin Montgomery
OBJECTIVE	Test BL IP zone	CO-ORDINATES	L100OE, 150N	DDH COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
19	51	192
60	50	.
100	50	193
120	49	.

HOLE NO. L-94-14	PAGE 1/8
COLLAR AZIMUTH	192
COLLAR DIP	50
ELEVATION	
LENGTH	266.50

J. Kevin Montgomery

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	19			Overburden							
19	73.4			Mafic flow	Dark green, massive, Mg to Cg, mafic flows (K=0.3-0.7x10-3SI) with a mottled						
				(iron tholeiite)	appearance and massive Fg mafic flows. The flows are iron tholeiites with the Fg						
					flows being more magnetic (K=5 to 25 x 10-3 SI units). Local white feldspar quartz						
					filled amygdules (1-3mm diameter). Below 62.0 m, moderately intense quartz-						
					carbonate veinlets. ALTERATION: local epidote stringers to bands and local						
					silicification halos about veinlets.						
					MINERALIZATION: Trace with 1% fg disseminated pyrite over narrow widths.						
					19-24.50 blocky core.						
					25.33 - 28.30 moderate epidote-quartz veinlets (1-5mm wide).						
					36.08 - 36.20 greenish VFg silica-epidote zone.						
					41.0 - 57.15 massive, highly magnetic Fg mafic flow.						
					50.85 Irregular quartz stringer (1 cm).						
					50.97 - 51.16 ALTERATION: intense pervasive epidotization band, contacts 60 to						
					CA. 42.75 - 42.85 MINERALIZATION: 1-2% disseminated Fg subangular pyrite.						
					46.55 - 46.87 same as above.						
					47.60 - 48.30 same as above.						

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
150	49	
180	49	
200	50	195
240	49	

HOLE NO. L-94-14 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				
					59.65 grey quartz-carbonate vein (12cm), 30 to CA.										
					62.23 - 73.40 Fg mafic flow with moderately intense white quartz-carbonate stringers										
					/veinlets with VFg crystalline greenish grey silica halos. Reddish brown mineral										
					locally.										
					63.15 - 63.40 greenish grey, VFg, crystalline, finely bedded and intensely silicified										
					(pervasive) interflow sediment chert. Bedding 55 to CA.										
					Sharp lower contact 60 to CA.										
73.40	89.36			Silicified	Light greenish grey, VFg, well foliated and laminated intermediate ash tuff. The tuff										
				Intermediate	consists of alternating cream and dark kgrey coloured thin (1-5mm) ash laminations.										
				Tuff	Local trace Fg yellowish brown epidote lensoidal fragments. Intense white quartz-										
					carbonate veinlets/veins causing brecciation of unit below 84.5m.										
					MINERALIZATION: trace with local sections up to 2% disseminated VFg pyrite.										
					ALTERATION: pervasive intense silicification of unit. Minor sericitization and										
					weak calcium carbonatization. STRUCTURE: well foliated and laminated (F1) with										
					minor F2 foliation. Also present hairline quartz tension fractures 0 to CA.										
					74.0 50 to CA (F1) 79.35 75 to CA (F2) 84.3 60 to CA (F1)										
					77.0 40 to CA (F1) 82.80 55 to CA (F1) 78.5 40 to CA (F1) 70 to CA (F2)										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L-94-14	PAGE 3/8
PROPERTY	DISTRICT	CONTRACTOR	266	50	198	COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					Magnetic susceptibilities 0.15 x 10-3 SI Units.	11134	73.40	75.0	1.60	2	5					
					Sharp lower contact 60 to CA.	11135	75.0	76.5	1.50	1.5	3					
					73.40 - 74.0 MINERALIZATION: 2% VFg, finely disseminated pyrite.	11136	76.5	78.0	1.50	1	22					
					75.20 - 75.46 same as above.	11137	78.0	79.5	1.50	0	3					
					75.74-75.81 VFg silica-calcite zone upper contact 25 to CA / lower contact 55 to CA.	11138	79.5	81.0	1.50	0	1					
					79.18 - 79.27 Quartz-calcite vein, 75 to CA.	11139	81.0	82.75	1.75	0	3					
					86.30 - 86.55 Breccia of a quartz-calcite vein flooding.	11140	82.75	84.50	1.75	0	3					
					82.25-87.32 same as above.	11141	84.5	86.0	1.5	0	2					
						11142	86.0	87.65	1.65	0	1					
						11143	87.65	89.35	1.70	0	3					
89.36	192.65			Gabbro	Dark green, Cg-Mg, massive, non magnetic, mafic intrusive. Intrusive contains 20%											
					white angular irregular shaped white feldspar phenocrysts with a VFg chlorite matrix.											
					Local Fg black chlorite laths. Very minor epidote filled fractures and quartz-											
					carbonate veinlets. ALTERATION: None.											
					MINERALIZATION: local trace disseminated VFg pyrite.											
					STRUCTURE: massive with strong jointing/fracturing blocky core over entire unit.											
					Two conjugate jointing directions 50-55 to CA.											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L-94-14	PAGE 4/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
					Sharp lower contact.										
					magnetic susceptibility 0.35 x 10-3 SI units.										
					162.90 - 164.70 Chlorite-carbonate muddy fault gouge zone with minor quartz										
					veinlets.										
					163.20 - 163.31 Quartz-calcite vein.										
192.65	195.30			Silicified	Black to dark grey, VFg, massive to weakly foliated graphite-pyrite zone. The zone										
				Graphite Pyrite	contains approximately 30% Fg pyrite in semi massive form, as disseminations to										
				Zone	lenses. The zone is intensely silicified and contains fine microfracturing. Locally										
					white quartz veining and sericitic irregular stringers (2mm-1cm). Gradational lower										
					contact.										
					193.08 - 193.55 Moderate quartz veining causing brecciation.										
					193.55 - 193.75 moderately intense sericite stringers.										
					193.75 - 194.15 Mineralization: semi massive VFg pyrite (50%).	11144	192.65	193.75	1.10	20	254				
					194.30 - 194.38 same as above.	11145	193.75	195.30	1.55	40	337				
					194.38 - 194.45 orange breccia comprised of angular small graphite fragments (25%)										
					within VFg orange quartz matrix.										
					194.66 - 195 10 same as 193.55 - 193.75										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L-94-14	PAGE 5/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
195.30	220.42			Gabbro	Same as above gabbro, becomes Fg to Mg below 218m to the contact. Lower contact										
					gradational.										
220.42	234.55			Silicified	Light to dark grey, VFg to Fg, laminated felsic ash tuff. Tuff consists of very fine										
				Felsic Ash	light grey ash layers, coarser Fg grey ash layers and dark grey graphitic? Fine ash										
				Tuff	layers all interlayered. Local grey silica tension microfractures 0 to CA. Minor										
					quartz-veining and calcite stringers.										
					ALTERATION: very intense pervasive silicification, weak pervasive iron										
					carbonatization (ferrodolomite). MINERALIZATION: overall 1-1.5% disseminated										
					VFg pyrite with local sections of 2-4% pyrite.										
					STRUCTURE: moderately laminated (F1 foliation). Local F2 foliation.										
					222.4 50 to CA (F1) 225.5 75 to CA (F2) 233 25 to CA (F1)										
					224.0 40 to CA (F1) 227.0 80 to CA (F2) 234.4 35 to CA (F1)										
					224.2 85 to CA (F2) 0 to CA (F1) 230 65 to CA (F1)										
					221.12 - 221.90 MINERALIZATION: 1-1.5% VFg disseminated pyrite.										
					222.5 - 229.1 Blocky core.										
					222.9 - 223.9 MINERALIZATION: 1% finely disseminated VFg pyrite.										
					224.1 - 224.35 Silica zone consisting of white VFg silica bands (F1) cut by F2										
					foliation which brought in grey silica that spread out from F2 shears altering the										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. L94-14 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
					white silica causing banding.	11146	220.4	222.0	1.60	1.5	123
					224.35 - 224.75 MINERALIZATION: same as 222.9 - 223.9.	11147	222.0	222.9	0.90	1	22
					225.30 - 225.60 same as 224.0 - 224.35.	11148	222.9	224.0	1.10	1	12
					226.35 - 226.40 quartz-calcite vein, 65 to CA.	11149	224.0	225.6	1.60	1	18
					226.55 - 227.20 MINERALIZATION: same as 222.9 - 223.9.	11150	225.6	227.20	1.6	1	37
					227.20 - 227.36 Quartz-calcite vein (50%) flooding with 1% disseminated VFg	11151	227.20	228.50	1.3	1.5	29
					229.10 - 229.90 MINERALIZATION: 3-4% Fg-VFg dissseminated pyrite within	11152	228.5	230.0	1.5	3	79
					micro-fractured (grey quartz filled) felsic ash tuff.	11153	230.0	231.5	1.5	2	38
					229.90 - 231.50 MINERALIZATION: 2% Fg-VFg disseminated pyrite in laminated	11154	231.5	233.0	1.5	0	20
					tuff. 231.50 - 232.05 coarse ash tuff with strong D2 deformation.	11155	233	234.55	1.55	0	12
					232.05 - 233.3 same as 229.90 - 231.50.						
234.55	266.50			Silicified	Light greenish grey, VFg, foliated felsic crystal to lapilli tuff. Tuff is comprised						
				Felsic Crystal	of white elliptical (stretched) feldspar phenocrysts (1x2mm) to lapilli stones						
				Lapilli Tuff	(2mm x 1cm) within a grey felsic VFg matrix. Approximately 20-25% feldspar						
					phenocrysts in tuff. Tuff also contains local 1-3% grey VFg quartz eyes.	11156	234.55	236.0	1.45	0	9
					Minor quartz-carbonate veining.	11157	236.0	237.5	1.50	0.5	4
					ALTERATION: very intense pervasive silicification and minor calcium	11158	237.5	239.0	1.50	1	24

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 COMMENTS			

HOLE NO. L94-14 PAGE 7/8
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
					carbonatization associated with veining.	11159	239.0	240.5	1.50	1	5
					MINERALIZATION: Trace to 1% VFg disseminated pyritic eyes (2-3mm diameter)	11160	240.5	242.0	1.50	1	15
					out unit. STRUCTURE: well foliated, F1 foliation dominanted and marked by the	11161	242.0	243.5	1.50	1	14
					stretched long axis of the feldspar crystals.	11162	243.5	245.0	1.50	1	3
					234.6 40 to CA (F1) 250 20 to Ca (F1).	11163	245.0	246.5	1.50	1	5
					237.7 35 to CA (F1) 252.5 20 to CA (F1).	11164	246.5	248	1.50	1	9
					239.0 20 to CA (F1) 256.8 20 to CA (F1).	11165	248	249.5	1.50	0.5	9
					242.0 20 to CA (F1), 60 to CA (Tension gashes) 260 25 to CA (F1).	11166	249.5	251	1.50	0	5
					245.0 20 to CA (F1) 262.70 60 to CA (Tension, fractures).	11167	251	252.5	1.50	0	4
					247.9 10 to CA (F1) 264.50 0 to CA.	11168	252.5	254.0	1.50	0	2
					236.17 - 236.25 Grey calcite vein.	11169	254	255.5	1.50	0	4
					236.50 - 236.58 white calcite vein.						
					249.35 0 249.6 blocky core.						
					249.75 quartz-calcite vein (1-56cm wide) 20 to CA.						
					250.90 - 252.50 Blocky core.						
					251.70 - 252.50 white to light grey VFg, silica flooded zone consisting of narrow	11170	255.5	257.0	1.5	0.5	23
					(1-3 mm wide) white silica bands and grey silica bands (1cm wide). Zone cut by hair	* 11171	257.0	258.5	1.5	0.5	0
					line (<1mm) microfractures 60 to CA.	11172	258.5	260	1.5	0	0

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. L-94-14	PAGE 8/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					259.0 - 261.20 Laminated felsic ash tuff.	11173	260	261.5	1.5	0	8				
						11174	261.5	263	1.5	0	3				
	266.5			EOH	The magnetic low is caused by a gabbro intrusive dyke likely trending northward.	11175	263	264.5	1.5	0	7				
					The IP anomaly is a result of a silicified graphite-pyrite zone within the gabbro.	11176	264.5	266.5	2.0	0	6				

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact Mines Ltd.	NTS	32 D/4	CORE SIZE	BQ
PROPERTY	CTI. Property	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.
COMMENCED	Feb. 28, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Mar. 4, 1994
COMPLETED	March 5, 1994	CLAIM	9350	LOGGED BY	D.W. Christie
OBJECTIVE	Baseline IP Anomaly	CO-ORDINATES	2+00W, 0+79N	DDH COMMENTS	
			10161.353N, 8184.980E		

SURVEY DEPTH	DIP	AZIMUTH
30	61.5	
60	62	
70	62	178
? 100	61.5	257?
120	62	

HOLE NO.	C94-15
COLLAR AZIMUTH	180°
COLLAR DIP	-60°
ELEVATION	340.377
LENGTH	284 m

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY. (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO	FROM	TO	LENGTH	SAMPLE	ASSAYS Au ppb
0	67.43			Overburden	Casing left in (Bw).						
67.43	75.52			Carbonated	Dark green, fine grained with some sections of medium grained.						
				Mafic	Matrix is strongly carbonated (calcite) and there is 3% $CaCO_3$-quartz						
				Volcanic	veinlets - white to grey white.						
				Flow	The $CaCO_3$-quartz veinlets are at 40° and 60° and some are at erratic						
				(Mg Tholeiite)	angles, pyrite is associated with these veins, and banding is also						
					associated with these veins and there is often more intense chlorite						
					alteration on the walls of these veins.						
					ALTERATION: Strong $CaCO_3$ alteration.						
					STRUCTURE: Massive to weakly foliated locally.						
					MINERALIZATION: Trace-1% pyrite.						
					FOLIATION TO CA: 55° at 71 m.						
					Some hematite stains on fractures.						
75.52	94.72			Interbanded fine	Beige to grey in colour, vvf grained to medium grained.						
				siliceous felsic	This unit consists of alternating bands of vvf grained well laminated felsic ash						
				ash tuff &	tuff and minor graphite bands.						
				intermediate							

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
150	62	
180	61	
200	60	182
240	60	

HOLE NO. C94-15

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
				crystal lapilli tuff	Ash tuff (or siliceous sediments) and calcareous intermediate (calcite)
					crystal ash and crystal lapilli tuff bands.
					Almost all laminations that are not cherty are calcareous.
					The units alternate as fine siliceous laminations and coarser calcareous
					laminations, dark and light coloured. Often the laminations are offset by
					microfaulting.
					In some of the crystal ash + crystal lapilli tuff there are lapilli of felsic
					volcanic, graphite and mafics, but lapilli account for <2% (2-4 mm), most
					of these sections are fine ash with 30-40% coarse ash and crystals of feldspar,
					calcite and quartz.
					ALTERATION: Strong siliceous alteration in fine cherty (in appearance) bands and
					very strong calcite alteration elsewhere in matrix and as veins, later sericite
					overprinting on cherty bands.
					STRUCTURE: Very well laminated in fine-medium grained bands and moderately
					well laminated elsewhere with minor micro-faulting in well laminated areas.
					MINERALIZATION: 1% disseminated pyrite as coarse cubes (<3 mm) and as very
					fine disseminated pyrite along the downhole end of bands.
					VEINING: 1% $CaCO_3$ veining and 1% quartz-$CaCO_3$ (<5 mm) at all angles to CA,
					however often parallel to F1 foliation and locally pyrite is associated with veining.

SAMPLE	FROM	TO	LENGTH	SAMPLE

ASSAYS				
Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
284	59°	187°

HOLE NO. C94-15 PAGE 3/19
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					79.16-81.02 - poorly laminated section of intermediate coarse ash-crystal and
					lapilli tuff, extremely carbonated ($CaCO_3$).
					88.23-90.95 - Section with thin disruptive bands of graphite brecciating
					locally the calcareous fine ash (felsic), tr-1% pyrite, many thin grey to white
					grey quartz filled fractures (<2 mm) at 90-0° to CA.
					90.95-91.16 - graphite quartz calcite band, 20% quartz-calcite and 5% pyrite.
					92.18-92.34 - Graphite quartz-calcite band, 5% quartz-calcite, 5% pyrite in the
					calcite quartz bands.
					92.34-94.72 - Fine-medium felsic ash tuff, grey light green, bleached by
					underlying unit.
					FOLIATION TO CA
					75.80 m at 60° (F1), 78.5 m at 50° (F1), 81.20 m at 42° (F1), 84.5 m at 50°,
					87.5 m at 40° (F1), 90.5 m at 40° (F1), 94.5 m at 50° (F1).
94.72	117.19			Calcareous	Dark grey green to light green white.
				Silicified	The unit is made up of a fine ash matrix with crystals of white to green white
				Intermediate	feldspar (10%) as the odd lapilli sized fragment.
				Ash-Crystal	The unit is highly altered by both silica and calcite - both are associated
				Tuff	with intense quartz-calcite veining, intense silica alteration creates an
					intense grey coloured alteration halo around the quartz veining, whereas the

SAMPLE NO.	FROM	TO	LENGTH	SAMPLE	ASSAYS Au ppb

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 4/19

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					quartz-calcite veinlets cause a halo bleaching which gives the rock a light
					dark coloured banding.
					The quartz veining is a dark smoky grey and the quartz-calcite veining is white
					to grey white.
					There are two bands of cherty (in appearance) mudstone - fine ash, one is calcareous,
					and are a beige colour with many fracture veinlets within them.
					Some smaller quartz-carbonate veins are ptygmatically folded.
					ALTERATION: Intense moderately pervasive $CaCO_3$ alteration caused by 10%
					quartz $CaCO_3$ veinlets (< 1 cm) and non-pervasive intense silicification.
					STRUCTURE: Moderate F1 foliation and alteration banding.
					MINERALIZATION: tr-1% pyrite.
					At beginning of unit there was a large elliptical fragment of the fine ash from
					above (5 cm long).
					101-106.62 - Approximately, is a strongly silicified zone, there are other bands
					of stronger silicification throughout the unit.
					102.43-102.84 - Beige grey, quartz vein, with thin fractures of $CaCO_3$ and minor
					chloritized fractures.
					102.84-103.16, 98.28-98.61 - tuffaceous mudstone binds cherty appearance but
					highly calcareous with many grey white quartz + quartz-$CaCO_3$ veinlets.

SAMPLE NO.	FROM	TO	LENGTH	SAMPLE	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 5/19

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					106.62-107.54 - Tuffaceous calcareous mudstone with bands of intermediate
					crystal ash tuff (< 5 cm).
					FOLIATION TO CA
					95.2 m at 50° (F1), 98 m at 40°, 101 m at 50° (F1), 104 m at 50° (F1), 107 m at
					50° (F1), 110 m at 50° (F1), 113 m at 48° (F1), 117 m at 42° (F1).
					VEINING TO CA (as well as parallel to foliation)
					95 m at 70°, 98.4 m at 50°, 104 m at 40° and 80° to CA, 111.5 m at 20-30°,
					112.90 m at 80°.
117.19	121.60			Feldspar	Grey colour with 30% white feldspar laths up to 6 mm (1-6 mm) and 2% dark green
				Porphyry	grey amphibole grains (1 mm - 6 mm).
				Felsic	Predominantly equigranular, lower contact at 80°, upper contact at 50°,
				Dyke	bleaching in unit for 10 cm around contact - sharp contacts.
					Matrix is a dark grey amorphous silica + mafics make-up.
					Trace pyrite associated with quartz-calcite vein (1 mm - 7 cm) 2% veins
					at 20° and 50° to CA.
					Minor sericite + chlorite alteration on fractures, dominant fracture pattern at
					40°, 60°, and 80° to CA.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	SAMPLE	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 6/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%RUL	ASSAYS Au ppb	Au gpt	Cu ppm		
121.60	137.47			Calcareous	Very similar to 94.72-117.14.										
				Silicified	124.09-1224.59 - Carbonated contorted sericitized band, with F1 at 0-90° and F2										
				Intermediate	at 76° to CA with calcite (white-pink) veins.										
				Crystal-Ash	125.09-125.18 - Vuggy calcite vein with hematized calcite bands and 2% pyrite										
				Tuff	associated (fine grain cubic yellow gold pyrite).										
					FOLIATION TO CA										
					123 m at 60° to CA (F1), 127.50 m at 45° (F1), 131.3 m at 45°, 134 m at 48° (F1),										
					137.3 m at 50° to CA (F1).										
137.47	150.02			Well Laminated	Beige yellow to green yellow.										
				Tuffaceous	Very fine grained, very well laminated, sericitized and locally carbonated										
				Mudstone	($CaCO_3$ + $FeCO_3$).										
				(Felsic Ash	This unit consists of laminations of sericitized mudstone and silicified mudstone										
				Tuff)	at decimetric intervals, with thin quartz-carbonate bands or veins parallel and										
				Graphite	cross-cutting.										
				Qtz-Carbonate	There are also bands of extremely sericitized and carbonated (brown yellow green)										
				Sediments	altered felsic tuff.										
					Also bands of laminated graphite (1 mm - 5 mm), quartz-carbonate (1 mm - 2 cm) thin										
					yellow sericite bands (1-2 mm).										

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 COMMENTS			

HOLE NO. C94-15 PAGE 7/19
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	SEIL	ASSAYS Au ppb				
					There is 3-5% fine disseminated pyrite in the mudstone as thin lamination markers										
					and disseminated throughout laminations, and 8-10% pyrite as fine-medium grained										
					bands within the carbonate-quartz bands of the Graphite Zone.										
					ALTERATION: Moderately intense penetrative sericite alteration, moderate non-										
					pervasive carbonate alteration, and lowly intense silicification.										
					STRUCTURE: Very strong F1 foliation and likely a fault where the ground is blocky										
					and where core was ground.										
					MINERALIZATION: 3-10% pyrite with an average of 5%, mostly very fine grained										
					brown yellow and some fine-medium grained pyrite, yellow.										
					137.47-139.56 - Yellow green sericite and blue grey quartz-carbonate banded felsic										
					tuff. 1-2% pyrite and several iron oxidation stained areas between 137.84-138.34 m.										
					139.56-139.97 - Graphite-quartz-carbonate-pyrite band with 15% pyrite, a couple										
					semi-massive pyrite bands in quartz-carbonate.										
					139.97-144.28 - Tuffaceous (felsic) mudstone, carbonated and sericitized, thin										
					millimetric sericite laminations. 5% disseminated very fine pyrite, many iron										
					oxide stains.										
					144.02-144.28 - Very blocky ground.										
					144.28-144.84 - Carbonate sericite banded felsic tuff (yellow green millimetre										
					sericite bands are 2 mm - 1 cm carbonate bands) and minor graphite bands (1-5 mm).										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 8/19
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	SHUL	ASSAYS Au ppb
					144.84-145.122 - Very blocky graphite/carbonate banding with 6% pyrite.						
					145.12-145.94 - Lost core - ground.						
					145.94-146.89 - Graphite-quartz-carbonate and thin sericite bands and 7% fine grained						
					pyrite (brown + yellow).						
					146.89-147.58 - As in 144.28-144.84, 5% very fine pyrite.						
					147.58-150.02 - Sericitized silicified carbonated tuffaceous (felsic ash) mudstone,						
					3% pyrite yellow and grey, laminations (grey - silicified, yellow - sericitized,						
					carbonatized).						
					FOLIATION TO CA:						
					138.6 m at 40° (F1), 141.5 m at 50° (F1), 144.5 m at 45° (F1), 147.6 m at 45° (F1),						
					149 m at 45°.						
					No major veining, only very thin quartz $CaCO_3$ veins in mudstone ash.						
150.02	152.21			Feldspar	This unit is a beige colour with 35% white feldspar (3 mm - 1 cm) set in a beige						
				Quartz	homogeneous matrix with 10% grey white quartz-eyes and there is 1% green						
				Porphyritic	fuchsite (< 5 mm) flakes seen throughout, there is no foliation, one small white						
				Felsic	quartz vein with iron oxidation stains on it at 152-152.03. The lower contact shows						
				Intrusive	an absence of feldspar porphyries, appear to be bleached, there is sericite alteration						
					on fracture planes and 3% fine disseminated yellow gold pyrite throughout. Upper						
					contact at 36° parallel to foliation, lower contact at 55° parallel to local						

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 9/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% RUL	ASSAYS Au ppb	Au g/tonne	Cu ppb		
					foliation (hematitized at contact).										
152.21	156.43			Graphitic	This unit is black in colour with thin grey white quartz-ferrodolomite (+ minor										
				Carbonated	calcite) bands and pyrite-carbonate bands which are often boudinaged to appear like										
				Ash Tuff	lensoid fragments, some of them may be fragments.										
					Foliation (F1) is strongly developed with a weak F2 developed.										
					There are quartz-$CaCO_3$ veins cross-cutting foliation (F1) locally but are very minor.										
					There are sericite (lime yellow green) bands up to 3 cm wide in first 50 cm and										
					hematite staining.										
					152.21-152.49 - Felsic ash tuff or tuffaceous siliceous mudstone.										
					ALTERATION: Strong carbonate alteration in quartz-carbonate bands ($FeCO_3$ +										
					$CaCO_3$).										
					STRUCTURE: Strong F1 foliation often crenulated by a weak F2 foliation.										
					MINERALIZATION: 7-10% pyrite in bands and ellipsoid pods up to 3 cm wide,										
					gold to brown pyrite.										
					FOLIATION TO CA										
					153 m at 45° (F1), 154 m at 90° (F2) and 50° to CA, lower contact at 47° to CA.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 10/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	SAUL	ASSAYS Au ppb	Au g/t	Cu		
156.43	176.76			Strongly	Green yellow colour, very fine grained to medium grained.										
				Altered	The unit has primary and secondary silica enrichment with later very strong sericite										
				Lapilli	and moderate $FeCO_3$ alteration.										
				(Fragmental)	There is 5-6% quartz-eyes mostly grey but some white.										
				Felsic Tuff	There is 20% heterogeneous fragments of lapilli size (2 mm - 6.4 cm) and they consist										
					of felsic quartz-eyed tuff, dark grey siliceous sediment and white-cream mudstone ash.										
					There is 10-15% medium-coarse ash of the same material, some bands of finer lapilli										
					and coarse ash (< 1 cm wide), fragments are round to angular, locally are elongated).										
					The matrix is siliceous grey material cut by very fine grained grey yellow sericite										
					cutting through all fractures including clasts, also some completely flattened rare										
					graphitic fragments (<2 cm).										
					The first 6 m is fairly finely laminated, the foliation becomes coarser down hole.										
					Dolomite alteration is present along quartz veinlets and in fractures of siliceous										
					fragments and bands (grey white colour).										
					ALTERATION: Very strong sericite alteration selective along fracture + foliation										
					planes, and strong silicification with weak carbonate alteration elsewhere.										
					STRUCTURE: Moderate F1 foliation and 3% grey to white grey quartz veining, both										
					parallel and cross-cutting foliation.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 11/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	%BUL	ASSAYS Au ppb	Au g/tonne
					MINERALIZATION: 3-5% pyrite seen as finely disseminated but mostly as thin bands							
					and fragments of quartz-$CaCO_3$-pyrite (2 mm - 4 cm), two semi-massive sections							
					175.02 and 175.2-175.29 very fine grained brown yellow with some yellow pyrite							
					(coarser).							
					FOLIATION TO CA							
					158.50 m at 80° (F2) and 50° (F1), 161.5 m at 50° (F1), 164.50 m at 50° (F1), 167.5							
					at 55° (F1), 170.5 m at 45° (F1), 173.5 m at 55° (F1), 176.5 m at 30° to CA.							
					VEINS TO CA (quartz + quartz-carbonate)							
					162.5 m at 70°, 165.5 m at 60°, 168.2 m at 30° and 50°, 171.5 m at 30°, 173 m at							
176.76	178.63			Feldspar	Orange green colour with 15% white quartz veining.							
				Quartz	35% white feldspar crystals (2 mm - 1 cm) and 15% grey to white grey round quartz							
				Porphyritic	porphyries set in an orange grey to green matrix, very siliceous, mildly sericitized.							
				Felsic	Fairly blocky, brittle.							
				Intrusive	Quartz veins are 5 mm - 20 cm and are white for most part but some grey white ones.							
					Veins are at 30-90° to CA.							
					2% disseminated fine pyrite - gold yellow colour, euhedral cubes.							
178.63	182.04			Well Laminated	Medium grey in colour, very fine to fine grained with 2% quartz shards (grey) <2 mm							
				Pyritic Felsic	(or quartz-eyes brecciated).							
				Ash tuff	This unit consists of finely laminated cherty (in appearance)bands with thin sericitic							

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 12/19

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					green grey bands and yellow white bands.
					There are thin (<1 mm - 5 mm) grey and white grey quartz veinlets cross-cutting
					foliation at 30-70° to CA often with associated pyrite as very fine grained to fine
					grained cubes. These veinlets often parallel foliation.
					ALTERATION: There is a strong silicification overprinted by sericite and weak
					carbonate ($CaCO_3$ + $FeCO_3$) associated with quartz veinlets.
					STRUCTURE: Strong F1 foliation with offsets of F1 caused by thin grey quartz
					veinlets.
					MINERALIZATION: 8% disseminated pyrite, yellow gold and brown, cubic fine
					grained often in veinlets, trace chalcopyrite.
					FOLIATION TO CA
					178.80 m at 40° (F1), 180 m at 50° (F1) and 60° (vein), 181.90 m at 50° (F1).
					178.63-179.37 yellow green sericite and blue grey quartz carbonate banded alteration
					of felsic ash tuff.
182.04	183.36			Quartz	White to grey white.
				Graphite	Stringers of graphite and very fine grained brown pyrite cut through the vein at
				Breccia	all angles and later grey veinlets cut through the vein at all angles.
				and Fault	There is 4-5% very fine grained brown pyrite.
				Gouge	183.33-183.36 - graphite fault gouge.

SAMPLE NO.	FROM	TO	LENGTH	S.G./UL	ASSAYS Au ppb	Au g/tonne			

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 13/19

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	%WT	ASSAYS Au ppb	Au g/tonne			
					Carbonate ($FeCO_3$) alteration along fractures and along edges of graphite/pyrite										
					bands.										
					Contacts are undulatory.										
183.36	211.90			Sericitized	Grey beige - yellow grey, very fine grained.										
				Felsic	Strongly laminated, however these laminations are often strongly crenulated foliation										
				Fine Ash Tuff	and quartz veinlets (up to 5%) due to strong F2 foliation locally, locally lapilli										
					elongated 6:1 (<2 cm) are present, homageneous; all are derived from fine felsic ash										
					tuff - also quartz-eyes or shards (grey) with pyrite in them up to 10% (<5 mm).										
					There are many thin grey to white quartz veins at low angles to the CA, often these										
					veins are en echelon (1-2 mm) but sometimes are more continuous and thicker (2 cm).										
					These veins often run over long lengths of core and have 1% chalcopyrite in 1mm -										
					1 cm masses and are sometimes vuggy with acicular crystals of quartz. These veins are										
					are not always straight but are undulatory and appear to be younger than the F2										
					foliation. There are also some of these veins parallel to foliation which are older										
					and dark grey in colour.										
					The entire unit is fairly silicified with strong sericite alteration on some bands										
					and along foliation planes.										
					183.36-187.07 - Strongly silicified with 15% grey + white quartz veinlets at all										
					angles to CA (crackle brecciation).										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 14/19

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					191-203 - Approximate boundaries of visible chalcopyrite mineralization in quartz
					veinlets (1% chalcopyrite over this intersection and trace sphalerite along vein
					walls with chalcopyrite in centre of veinlets).
					192.79-194.01 - Graphite-quartz-carbonate banded tuff with 10% pyrite and 1%
					chalcopyrite, in a large vuggy quartz vein (2 cm wide at 20° to CA, white to grey
					white) vein from 199.90-200.60 especially rich 2% quartz.
					201.81-201.08 - Quartz carbonate with thin graphite bands and pyritic bands, 10%
					very fine brown pyrite.
					ALTERATION: Moderate to intense silicification with moderate sericitization, unit is
					very fissile as a result of sericite along foliation fracture and vein planes.
					STRUCTURE: Strong F1 lamination often marked by fine laminations of different
					colours, pyrite laminations and sericite alteration, strongly contorted locally by
					F2 foliation causing crenulation and local offsetting perpendicular to F1. Locally
					the D2 deformation of the F1 causes brecciation (i.e. 207.57-208) and areas of very
					strong crenulation of F1 (i.e. 199.08-201 m).
					VEINING: 2% grey and white quartz veining (2 mm - 1.5 cm) showing en echelon
					patterning and usually cross-cutting F2 foliation therefore post D2, but sometimes
					follows the F2 therefore illustrating later movement along F2 cleavage, some of these
					veins are at low angles to CA (0-30°), others are parallel to foliation (F1) and (F2).

SAMPLE NO.	FROM	TO	LENGTH	SAMPLE TYPE	ASSAYS Au ppb	Au g/tonne	Cu ppm	Zn ppm	

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 15/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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 g/tonne	Cu ppm	Zn ppm	
					The ones at low angles to CA often have 1% cpy and trace-1% sphalerite, and also										
					are locally vuggy with cubic quartz crystals.										
					MINERALIZATION: 2-5% pyrite disseminated and as fine bands, 1% chalcopyrite										
					trace sphalerite in veins of grey to white quartz at low angles to C.A.										
					FOLIATION TO CA										
					186 m at 80° (F2), 186.3 m at 60° (F1), 189.5 m at 72° (F1), 192.5 m at 62° (F1),										
					195.5 m at 0-90° (F1) and 75° (F2), 198.5 m at 85° (F2) and 0-90° (F1), 201.5 m at										
					60° (F1) and 85° (F2), 204.5 m at 85° (F2) and 60° (F1), 207.5 m at 65° (F1),										
					210.5 m at 85° (F2) and 50° (F1), 211.6 m at 75° (F1).										
					VEINLETS: 191 m at 30° (with cpy), 197.35 m at 20° (with cpy), 193.50 m at 0-20°										
					(with cpy), 206.3 m at 0-20° (with cpy).										
211.90	284			Sericitic	Grey yellow, black green to green grey in colour.										
				Carbonated	This unit consists of intercalated intermediate ash tuff, gneissic lapilli tuff										
				Intermediate	(minor) (black + white banding).										
				Ash-Lapilli	Intermediate homogeneous lapilli tuff and intermediate heterogeneous lapilli tuff,										
				Tuff	and strongly quartz and quartz-carbonate ($CaCO_3$, $FeCO_3$) veining with intense										
					sericite/chlorite alteration around the veining.										
					The matrix in all is very fine to fine grained, moderate to intensely sericitized										
					and locally carbonated ($CaCO_3$ + $FeCO_3$), hardness of 5 (mohs).										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 16/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					Lapilli are for the most part in all sub-units homogeneous and are felsic tuff,
					sometimes with quartz-eyes and are a grey yellow colour (elongate 2:1 - 10:1).
					There are however completely flattened argillite clasts (very small) sericitized
					mudstone clasts (elongated 20:1) and intermediate lapilli tuff (2 mm - 5 cm) often
					elongated to narrow bands.
					ALTERATION: Moderate to intense sericite alteration strongest adjacent to quartz +
					quartz-carbonate, also moderate ferrodolomite alteration as bands in intermediate
					tuff and $CaCO_3$ alteration of some lapilli in the later part of the unit.
					VEINING: Sections of intense quartz + quartz-carbonate veining often parallel to
					F2, but usually undulatory contacts. Grey white ferrodolomite and white $CaCO_3$
					crystals within the white quartz veins usually along the walls, many chlorite-
					sericite wisps and bands are seen within the veins, also some very small thin (2 cm,
					ave 5 mm) grey to white quartz veinlets at low angles to CA and enechelon to each
					other (at F2 foliation).
					STRUCTURE: Moderately strong F1 often offset by F2 - locally very strong, causing
					crenulating of the F1 foliation.
					MINERALIZATION: Trace - 1% disseminate pyrite often associated with veins, trace
					chalcopyrite (absence) at 256.30 m and 258 m in the quartz veinlets, local
					concentrations of pyrite seen in quartz veinlets and near graphite argillite-qtz bands.

SAMPLE					ASSAYS				
SAMPLE NO.	FROM	TO	LENGTH	SAMPLE	Au	Au	Cu		

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 17/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	SAUL	ASSAYS Au ppb		Cu ppm		
					211.90-228.83 - Sericitic intermediate ash tuff with 2% lapilli and only minor veining, good F1 and F2, trace pyrite, with very blocky ground 213.97-214.84 m with a white quartz vein. Yellow sericite bands with lighter coloured ferrodolomitized bands between each F2 foliation plane.										
					2228.83-232.65 - Strongly quartz-carbonate ($FeCO_3$) veined section of sericitic intermediate ash tuff, also moderate chlorite alteration near veins, the quartz is white to grey white with trace pyrite with veins 228.83-229.06 - graphite quartz-carbonate vein, 229.84-232.65 35% veining.										
					232.65-2327.94 - Lapilli intermediate tuff with 10% quartz-carbonate veins at 233.82-234.02-237.94, trace pyrite.										
					237.94-2329.4 - Banded gneissic textured argillite lapilli tuff, trace pyrite.										
					239.4-284 Intermediate lapilli tuff vein.										
					241.47-2241.61 - Quartz vein alteration of tuff (quartz-carbonate) and 244.32-244.53 very blocky section of core.										
					253.82-254.55 - White quartz veins and lapilli intermediate tuff (60% quartz).										
					254.94-256.38 - Gneissic banded (black + white, soft) lapilli tuff, trace pyrite.										
					235.67-235.75 - Grey quartz-carbonate veins with 5% yellow pyrite.										
					259.67-259.89 - Quartz carbonate vein.										
					257.76-257.83 - Quartz-carbonate-sericite band with 40% very fine yellow pyrite.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-15	PAGE 18/19
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE SAMPLE NO.	FROM	TO	LENGTH	%RUL	ASSAYS Au ppb	Au g/tonne	Cu ppm		
					261.25-262.29 - Quartz-carbonate vein with strong beige sericite alteration on walls										
					and in included bands.										
					263.44-273.61 - Highly altered (sericite + chlorite) intermediate tuff with 30%										
					quartz-carbonate ($CaCO_3$ + $FeMgCO_3$) veining with quartz veins at all angles to CA,										
					often parallel foliation (F2) 70-80° to CA, with trace pyrite disseminated (break in										
					quartz vein 270-91-272.76) with quartz veins having bands of chlorite sericite running										
					through them and ferrodolomite crystals within quartz vein often on walls, also some										
					calcite.										
					273.94-2283.99 - Lapilli of quartz-$CaCO_3$ are present elongated 4:1 locally over some										
					decimetric sections.										
					277.52-277.60 - Quartz-carbonate vein.										
					283.52-283.99 - Quartz carbonate sericite chlorite breccia vein, trace pyrite.										
					FOLIATION TO CA										
					215 m at 80° (F2), and F1 destroyed, 218 m at 70°, 221 m at 0-90° (F1), and 75° (F2),										
					224 m at 0-90° (F1) and 80° (F2), 227 m at 85° (F2) and 60° (F1), 229.80 m at 80°										
					(F2), 233 m at 60° (F1) and 80° (F2), 236 m at 60° (F1), 239 m at 60° (F1) and 70°										
					(opposed in F2), 242 m at 60° (F) and 70° (F1), 248 m at 20° (F1) and 70° (F2), 254 m										
					at 40° (F1), 260 m at 20° (F1) and 60° (F2), 263 m at 0-90° (F1) and 80° (F2), 267.80										
					at 90° (F2) and 60° (F1), 269 m at 48° (F1) and 70° (F2), 272 m at 80° (F2) and 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-ORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-15 PAGE 19/19

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE TO	LENGTH	% REC	ASSAYS Au ppb	Cu ppm
					(F1), 275 m at 60° (F2) and 48° (F1), 278 m at 90° (F2) and 52° (F1), 281 m at 70°					
					(F2) and 0-90° (F1), 283.50 m at 70° (F2) and 40° (F1).					
	284				EOH					

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact Mines	NTS	32-D-4	CORE SIZE	BQ	HOLE NO.	C94-16
PROPERTY	Thompson-Lundmark	DISTRICT	Larder lake	CONTRACTOR	Bradley Bros.	PAGE	1/13
COMMENCED	March 10, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	March 11-13, 1994	COLLAR AZIMUTH	182
COMPLETED	March 12, 1994	CLAIM	380803	LOGGED BY	Kevin Montgomery	COLLAR DIP	48
OBJECTIVE	Test Northern Victoria Lake IP	CO-ORDINATES	L1600W, 270N	DDH COMMENTS		ELEVATION	
						LENGTH	308m

SURVEY DEPTH	DIP	AZIMUTH
16	51	.
30	49	.
61	49	185
100	49	187

J. Kevin Montgomery

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	16			Water											
16	61			Overburden											
61	87.85			Carbonatized	Light grey, VFg, massive, altered, non-magnetic mafic flows. Flow margins										
				Mafic Flow	marked by intense black argillite? filled microfracturing having a										
					dendritic pattern. Moderate white calcite veinlets and microfractures.										
					Magnetic susceptibilities ranges from 0.05 to 0.30 x 10-3 SI units.										
					Alteration: Intense pervasive dolomitization (ferrodolomite) in										
					parting a grey bleached colouration to the flows.										
					MINERALIZATION: None. STRUCTURE: Massive.										
					Sharp lower contact.										
					72.20 - 72.23 white calcite-chlorite vein, 70 to CA.										
					75.29 white calcite vein (1.5 cm), 50 to CA.										
					79.46 - 79.50 same as above (3.0 cm), 40 to CA.										
					81.30 - 81.34 same as above (3 cm), with 1% disseminated VFg pyrite, vein										
					45 to CA.										
					82.70 - 82.77 quartz-calcite vein with minor chlorite (5 cm), 50 to CA.										
					85.3 - 85.65 pillow remnants.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE:	HOLE NO. C94-16 PAGE 2/13
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	LENGTH

SURVEY DEPTH	DIP	AZIMUTH
120	49	
130	49	
180	48	
200	47	191

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				
87.85	113.28			Mafic Flow	Dark grey, Fg, massive, amygduloidal non magnetic mafic flow. Approximately										
				(amygduloidal)	2-3% quartz-calcite filled amygdules (2-5mm diameter). Flows are cut by moderate										
					fine microfracturing that causes local brecciation. Minor calcite veining. Magnetic										
					susceptibilities 0.2 to 0.35 x 10-3 SI units.										
					Alteration: Moderate pervasive calcium carbonatization.										
					Mineralization: trace disseminated Fg pyrite with local sections up to 1%.										
					100.30 - 100.58 Quartz-calcite veining zone with sericite (5-7%) wispy laminations										
					and 1-2% Fg disseminated pyrite. Upper contact 60 to CA.										
					102.57 - 104.0 Moderate black argillite filled microfracturing with 1% disseminated										
					VFg pyrite.										
					Gradational lower contact as grey carbonatization becomes more intense.										
113.28	131.16			Carbonatized	Same as 61 - 87.85. The grey carbonatized mafic flow is brecciated throughout as a										
				Mafic Flow	result of intense microfracturing. These fine (< 1mm) microfractures are typically										
					filled with black graphite and occur concentrated in 15-30 cm wide zones (possibly										
					flow margins and selvages). Below 125m, the graphitic microfractures become intense										
					as they approach the graphite zone. In addition to the graphite filled microfractures										
					there are calcite filled microfractures throughout.										
					Alteration: Bleached grey appearance as a result of intense pervasive dolomitization										

DIAMOND DRILL LOG

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

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

SURVEY DEPTH	DIP	AZIMUTH
240	45	
270	48	
300	42	198

HOLE NO. C94-16 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
					(ferrodolomite).	12756	114.6	116.0	1.4	0.5	7
					MINERALIZATION: 0.5% overall pyrite with higher sections up to 3%. Pyrite	12757	116.0	117.5	1.5	0.5	2
					generally VFg disseminations and within microfracturing.	12758	117.5	119.0	1.5	0.5	4
					STRUCTURE: Massive, finely brecciated.	12759	119.0	120.5	1.5	0.5	2
					Sharp lower contact 60 to CA.	12760	120.5	122.0	1.5	0.5	2
					114.30 - 114.65 core lost, iron oxidized fracturing.	12761	122.0	123.5	1.5	0.5	2
					121.70 - 121.85 MINERALIZATION: 1% VFg disseminated pyrite within a breccia	12762	123.5	125.0	1.5	1	6
					zone of intense graphite and calcite filled microfractures.	12763	125.0	126.5	1.5	0.5	15
					124.75 - 125.0 MINERALIZATION: 3% VFg disseminated pyrite within calcite	12764	126.5	128.0	1.5	1	6
					filled microfracturing.	12765	128.0	129.5	1.5	0.5	2
					126.45 - 127.55 MINERALIZATION: 1% VFg disseminated pyrite within breccia	12766	129.5	131.05	1.55	0.5	4
					zone of intense graphite microfracturing.						
					130.80 - 131.16 Intense graphite microfracturing causing brecciation.						
131.16	164.0			Graphite Zone	Black, VFg, laminated graphite zone. The zone is comprised of 15-20% white quartz	12767	131.05	132.25	1.2	10	83
					carbonate laminations to stringers within finely laminated graphite. Inter layered	12768	134.0	135.5	1.5	5	137
					with the graphite is a light grey, fg, graphitic (5-7%) felsic tuffaceous ash.	12769	135.5	137.0	1.5	5	86

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-16 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	Au ppm			
					ALTERATION: Weak pervasive iron carbonatization (ferrodolomite) of the felsic										
					ash crystal tuff. Local hematization along fractures in the graphite zone.										
					MINERALIZATION: Overall 2-3% VFg pyrite with the graphite zones containing	12770	137.0	138.5	1.5	5	99				
					4-5% pyrite and the felsic ash tuffs 1-2% pyrite.	12771	138.5	140.0	1.5	5	1830	2.33			
					STRUCTURE: The laminations (F1) in the graphite zone are locally highly	12772	140.0	141.7	1.7	5	270				
					contorted.	12773	141.7	143.4	1.7	5	220				
					134.2 20 to CA (F1) 151.6 55 to CA	12774	143.4	144.5	1.1	1.5	32				
					137.0 50 to CA (F1) 154.9 60 to CA	12775	144.5	145.5	1.0	2	25				
					138.5 55 to CA(F1) 158 60 to CA	12776	145.5	147.0	1.5	5	52				
					145.5 60 to CA (F1) 160.1 63 to CA	12777	147.0	148.5	1.5	5	82				
					149.0 55 to CA (F1)	12778	148.5	149.8	1.3	5	107				
						12779	149.8	151.60	1.8	1.5	11				
					131.05 - 131.20 MINERALIZATION: 20-25% VFg semi massive pyrite.	12780	151.60	153.0	1.4	4	47				
					132.25 - 134.00 Core lost.	12781	153.0	154.4	1.4	4	35				
					134.00 - 137.00 MINERALIZATION: 5% VFg brownish pyrite laminations and	12782	154.4	155.9	1.5	0.5	20				
					lenses (3-10 mm wide) in highly contorted graphite. Section very blocky, 38%										
					section was not recovered.										
					137.0 - 140. Same as above but good recovery.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-16	PAGE 5/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					140 - 143.40 MINERALIZATION: 5% VFg brownish pyrite concentrated as distinct											
					pyrite carbonate lenses and veinlets within massive graphite zone.											
					143.40 - 144.50 Grey VFg-Fg coarse felsic ash tuff with graphite bands/laminations											
					1-2% disseminated pyrite and weak sericitization.											
					144.50 - 144.70 MINERALIZATION: 5-6% VFg disseminated pyrite in massive											
					graphite band.	12783	155.9	157.65	1.75	1	20					
					144.70 - 145.50 Same as above 143.40 - 144.50.	12784	157.65	159.15	1.5	1	22					
					145.50 - 149.80 Same as 134-137, blocky core.	12785	159.15	160.7	1.55	3	38					
					149.80 - 151.60 Same as 143.40 - 144.50.											
					151.60 - 154.40 Laminated graphite zone with 10% grey ash laminations/bands.	12786	161.0	162.5	1.5	5	107					
					Zone contains 4% VFg brownish pyrite laminations to lenses.	12787	162.5	163.94	1.46	5	153					
					151.74 - 151.80 White quartz vein, upper contact 43 to CA, lower contact 75 to CA.											
					154.40 - 155.20 Same as 143.40 - 144.50.											
					155.20 - 155.62 Graphite zone.											
					155.25 - 155.29 White quartz carbonate vein, 60 to CA.											
					155.58 - 155.62 Same as above.											
					155.59 - 155.90 Grey, Fg, coarse felsic crystal tuff 10% white feldspar phenocryst.											
					155.90 - 157.15 Graphite zone with 40% grey felsic as tuff bands with irregular											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-16	PAGE 6/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					jagged contacts, suggesting digestion by the graphite hydrothermal solution.											
					157.15 - 157.65 Same as 155.59 - 155.90.											
					157.65 - 159.90 Grey felsic crystal tuff laminations/bands intercalated with black											
					graphite laminations/bands. Section contains 1% disseminated VFg pyrite.											
					159.90 - 160.60 MINERALIZATION: 3-5% disseminated VFg-Fg pyrite in											
					dolomitized zone.											
					160.60 - 163.96 MINERALIZATION: 5% VFg brownish pyrite laminations and											
					lenses (3mm - 1.5cm wide) within quartz veined (10-12%) finely laminated to											
					massive graphite zone.											
					Sharp lower contact.											
164.0	171.40			Felsic Ash Tuff	Unit consists of light grey, VFg, altered, massive felsic ash tuff fragments within											
				Breccia	a black graphitic matrix (15% of breccia). These fragments are framework supported,	12788	163.94	165.5	1.56	0.5	10					
					very angular, variable in size from (1x3mm to 5x10cm) and have jagged contacts.	12789	165.5	167.0	1.5	0.5	<1					
					ALTERATION: Moderate pervasive carbonatization.	12790	167.0	168.5	1.5	0.5	20					
					MINERALIZATION: Trace disseminated VFg pyrite.	12791	168.5	170.0	1.5	0.5	3					
						12792	170.0	171.4	1.4	0.5	8					
					STRUCTURE: Massive gradational lower contact											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-16	PAGE 7/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
171.40	206			Felsic	Cream to light grey, VFg, weakly foliated, fine felsic crystal tuff. A											
				Crystal to	felsic lapilli tuff comprised of 10-15% dark grey, VFg, graphitic, felsic fragments											
				Lapilli Tuff	(1 x 3 mm to 2.5 x 5 cm) occurs from 181.70 to 191.30. The upper portion of											
					unit (to 172.2 m) contains 5-7% black graphite filled microfractures.											
					ALTERATION: weak sericitization mainly along F2 foliation, local											
					chloritization bands.											
					MINERALIZATION: Trace disseminated VFg pyrite with local 1% sections.	12793	171.4	173.0	1.6	0	1					
					STRUCTURE: weakly foliated (F1) with local F2.	12794	173.0	174.5	1.5	0	<1					
					186.50 40 to CA (F1) 198.20 45 to CA (F2)	12795	174.5	176.0	1.5	0	1					
					188.45 50 to CA(F1) 202.10 73 to CA(F2)	12796	176.0	177.5	1.5	0	7					
					194.30 50 to CA(F1) 203.6 50 to CA(F1)	12797	177.5	179.0	1.5	0	3					
					181.70-183.40 MINERALIZATION: 1% overall pyrite, vfg disseminated	12798	179.0	180.5	1.5	0	71					
					pyrite within dark grey fragments.	12799	180.5	182.0	1.5	0	50					
						12800	182.0	183.5	1.5	0	6					
					183.71 Quartz vein (2cm) 90 to CA.											
					186.65 same as above, 60 to CA.	12051	183.5	185.0	1.5	0	1					
					185.94-186.43 same as 181.7-183.4m.	12052	185.0	186.5	1.5	0	4					
					187.30-189.0 ALTERATION: weak to moderate sericitization, along foliation planes											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-16	PAGE 8/13
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					193.50-194.15 MINERALIZATION: 0.5-1% vfg. disseminated pyrite eyes										
					(1-3mm diameter) in a lapilli tuff section.										
					201.65-201.75 Quartz-calcite vein, upper contact 80 to CA and lower contact										
					40 to CA.										
					203.55-203.82 MINERALIZATION: 1% vfg disseminated pyrite in a moderately										
					chloritized section.										
					204.32-204.65 ALTERATION: intense pervasive chloritization.										
						12053	186.5	188.0	1.5	0	3				
						12054	188.0	189.5	1.5	0	<1				
						12055	189.5	191.0	1.5	0	<1				
						12056	191.0	192.5	1.5	0	1				
						12057	192.5	194.15	1.65	0.5	<1				
						12058	194.15	195.5	1.35	0	<1				
						12059	195.5	197.0	1.5	0	<1				
						12060	197.0	198.5	1.5	0	<1				
						12061	198.5	200.0	1.5	0	<1				
						12062	200.0	201.5	1.5	0	2				
						12063	201.5	203.0	1.5	0	1				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-16 PAGE 9/13
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
						12064	203.0	204.5	1.5	0.5	1
						12065	204.5	206.0	1.5	0	2
206	241.04			Felsic	Light grey, v/g, non-laminated, weakly foliated, homogeneous felsic ash tuff.	12066	206.0	208.3	2.3	0	<1
				Ash Tuff	Very minor quartz veining.	12067	208.3	210.6	2.3	0	1
					ALTERATION: weak pervasive calcium carbonatization and local sericitization.	12068	210.6	212.9	2.3	0	2
					MINERALIZATION: Local sections of 1% disseminated pyrite.	12069	212.9	215.2	2.3	0	1
					STRUCTURE: weakly foliated (F1).	12070	215.2	217.5	2.3	0	<1
					208.80 50 to CA(F1) 227.0 45 to CA(F1)	12071	217.5	219.8	2.3	0	<1
					213.50 55 to CA(F1) 231.1 50 to CA(F1)	12072	219.8	222.1	2.3	0	<1
					218.0 45 to CA(F1) 233 47 to CA(F1)	12073	222.1	224.4	2.3	0	<1
					221.0 55 to CA(F1) 236 50 to CA(F1)	12074	224.4	226.7	2.3	0	1
					224.0 55 to CA(F1) 239 50 to CA(F1)	12075	226.7	229.0	2.3	0	36
					Sharp lower contact, intruded by quartz vein.	12076	229.0	231.3	2.3	0.5	43
					214.77 quartz-carbonate vein (2cm), 30 to CA.	12077	231.3	233.05	1.75	0	1
					218.26-218.99 same as above, upper contact 55 to CA and lower 65 to CA.	12078	233.05	234.3	1.25	0	2
					223.2-223.44 calcium carbonatization.	12079	234.3	236.6	2.3	0	6
					227.88-227.94 quartz-carbonate vein (3cm), 40 to CA.	12080	236.6	238.9	2.3	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-ORDINATES	DDH COMMENTS			

HOLE NO. C94-16 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 NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
					228.50-229.65 blocky talcose core.	12081	238.9	240.3	1.4	0	7
					229.60-230.0 MINERALIZATION: 1% VFg-Fg disseminated pyrite.	12082	240.3	241.03	0.73	0	1
					233.05-234.20 green, Fg, weakly foliated intermediate lapilli tuff comprised of						
					20% greenish VFg felsic ash tuff fragments (1x4cm) and white quartz-carbonate						
					crystals (1-2mm diameter). This may be a chloritized felsic lapilli tuff.						
					240.27-240.31 quartz-carbonate vein, 45 to CA.						
					240.31-240.45 talcose section.						
					240.83-241.04 quartz-carbonate vein, upper contact 30 to CA and lower 60 to CA.						
241.03	243.60			Intermediate	Dark green, Fg, foliated, non-magnetic intermediate tuff. The tuff consists of	12083	241.03	242.1	0.97	0	7
				Crystal to	25% white feldspar-quartz crystals (1-3 diameter) to elliptical lapillis (2x5mm)	12084	242.1	243.6	1.5	0	1
				Lapilli Tuff	within a VFg chlorite matrix. Intense irregular quartz-carbonate veining from						
					241.03 to 241.95. Foliation 50 to CA at 243.5.						
243.60	282.9			Felsic Lapilli	Cream to light grey, VFg, foliated felsic lapilli tuff. The tuff consists of light	12085	243.6	245.9	2.3	0	1
				Tuff	grey VFg elliptical felsic ash fragments enveloped by sericitic foliation and within	12086	245.9	248.2	2.3	0	1
					VFg ash matrix. Fragments vary in size from lapilli stones (1x5 mm) to lapilli	12087	248.2	250.5	2.3	0	23
					bombs (up to 3 x 5 cm). Also, approximately 10-15% white fine feldspar crystals	12088	250.5	252.8	2.3	0	50

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 COMMENTS			

HOLE NO. C94-16 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 NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
					(1 to 2 mm in diameter). Local sections of chloritization possibly intermediate	12089	252.8	255.1	2.3	0	2
					crystal tuff. Very minor quartz-carbonate veining.	12090	255.1	257.4	2.3	0	3
					ALTERATION: weak to moderate brown sericitization along anastomozing foliation	12091	257.4	259.7	2.3	0	15
					wrapping around fragments. Below 275m, weak chloritization.	12092	259.7	262.0	2.3	0	4
					MINERALIZATION: None.	12093	262.0	264.3	2.3	0	3
					STRUCTURE: well foliated (F1).	12094	264.2	266.6	2.3	0	6
					245 45 to CA 263 60 to CA	12095	266.6	269.9	2.3	0	2
					248 47 to CA 266 55 to CA	12096	268.9	271.2	2.3	0	5
					251 55 to CA 269 45 to CA	12097	271.2	273.5	2.3	0	2
					254 53 to CA 271.9 60 to CA	12098	273.5	275.8	2.3	0	4
					257 50 to CA 275.26 55 to CA	12099	275.8	278.1	2.3	0	8
					260 55 to CA 281.0 65 to CA	12100	278.1	280.4	2.3	0	3
					253.63-253.83 Intermediate crystal tuff.	12101	280.4	282.9	2.5	0	3
					255.10-255.70 same as above.						
					256.30-257.0 5% chloritic quartz eyes (1mm diameter).						
					257.85-259.50 same as above.						
					247.83 quartz-carbonate vein (1cm), 65 to CA.						
					267.91 same as above (0.5 cm).						

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	HOLE NO. C94-16 PAGE 12/13
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	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				
					267.95-268.5 Intermediate lapilli tuff.										
					271.94-271.99 grey siliceous-calcite band, 50 to CA.										
282.9	308			Intermediate	Light green, VFg, foliated intermediate lapilli tuff. Tuff consists of 20-25%	12102	282.9	285.2	2.3	0	6				
				Lapilli Tuff	stretched betrolithic fragments (1x5mm to 0.5x1cm) with the occasional bombs.	12103	285.2	287.5	2.3	0	4				
					Dominant fragment type is light grey, VFg felsic, followed by green chloroic VFg	12104	287.5	289.8	2.3	0	4				
					mafic and rare brownish feldspar porphyry. Fragments are hosted by a VFg	12105	289.8	292.1	2.3	0	5				
					chlorite-quartz matrix.	12106	292.1	294.4	2.3	0	5				
					Minor quartz-carbonate veining.	12107	294.4	296.7	2.3	0	2				
					ALTERATION: Moderate pervasive calcium carbonatization and weak to moderate	12108	296.7	299.0	2.3	3	3				
					brown sericitization along foliation.	12109	299.0	301.3	2.3	0	8				
					MINERALIZATION: None.	12110	301.3	303.6	2.3	0	6				
					STRUCTURE: well foliated (F1).	12111	303.6	305.9	2.3	0	12				
					285.50 55 to CA (F1) 299 70 to CA(F1)	12112	305.9	308.0	2.1	0	4				
					289.9 63 to CA(F1) 302 75 to CA(F1)										
					293 65 to CA(F1) 305 70 to CA(F1)										
					296.1 63 to CA(F1) 307.8 70 to CA(F1)										
					286.87-286.93 White quartz-carbonate vein (5cm), 55 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-ORDINATES	DDH COMMENTS			

HOLE NO. C94-16 PAGE 13/13
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				
					288.67 same as above (1.5cm), 60 to CA.										
					288.68-289.89 Talcose section with 10% reddish brown sericitization.										
					289.377 white calcite vein (1cm), 23 to CA.										
					291.42 quartz-carbonate vein (1.5 cm), 63 to CA.										
					294.83-294.86 same as above, with brownish sericite halos, 80 to CA.										
					298.65 quartz-carbonate vein (1cm), 50 to CA in a schistose zone (10 cm wide).										
					304.33 same as above, schistose zone, 20 cm wide.										
					307 white calcite vein (1.5 cm), 30 to CA.										
	308			EOH											

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 PROPERTY	DISTRICT:	LARDER LAKE	CONTRACTOR:	BRADLEY BROS.
COMMENCED:	MARCH 5, 1994	TWP/LAT.LONG.:	GAUTHIER	DATE LOGGED:	MARCH 7, 1994
COMPLETED	March 9, 1994	CLAIM	30802	LOGGED BY:	D.W. CHRISTIE
OBJECTIVE:	BASELINE IP	CO-ORDINATES:	L12W 55S	DDH COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
15	50°	
60	51°	
100	50°	188°
120	51°	
26	50°	186°

HOLE NO.: C94-17	PAGE 1/15
COLLAR AZIMUTH:	180°
COLLAR DIP:	-48
ELEVATION	Lake Level
LENGTH	286

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	26.50			OVERBURDEN	Drilled on lake casing removed, hole plugged 30+ inches of ice						
26.50	26.69			Graphite	Very fine grained, black & white banded, nearly gneissic in appearance	12606	26.5	28.0	1.5	0.5	0
				Lapilli Tuff	Felsic volcanic lapilli (2mm -3cm) are severely elongated and often join to form						
					bands (elongated 10:1 - 20:1) with argillitic material infilling with silica as the matrix.						
					One Quartz-carbonate vein ($CaCO_3$ Fe Mg CO_3) parallel to foliation (<5 mm)						
					ALTERATION: mild silicification						
					STRUCTURE: strong F1 foliation shown by argillite bands and elongated lapilli						
					of felsic volcanic material.						
					MINERALIZATION: no v.s.						
					FOLIATION TO CA: at 45° to CA(F_1)						
26.69	152.97			Felsic-Int.	Light yellow grey to medium grey.	12607	28.0	30.0	2.0	0.5	3
				Lapilli-Bomb	Very fine grained silicic carbonated (calcite) and sericitized matrix with 30-40%	12608	30.0	31.5	1.5	0.5	4
				Tuff (SE,Ca)	clasts with an average size of 3cm but as large as 20cm and as small as 1 mm	12609	31.5	33.0	1.5	0.5	2
					(coarse ash)	12610	33.0	34.5	1.5	0.5	9

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 2/15
PROPERTY	DISTRICT	CONTRACTOR	150m	50°		COLLAR AZIMUTH	
COMMENCED	TWP/LAT./LONG.	DATE LOGGED	180m	50°		COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY	200	48°	193°	ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	240	49°		LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					They are angular and very poorly sorted, with many smaller ones infilling around	12611	34.5	36.0	1.5	0.5	6					
					larger ones, and heterogeneous although predominantly of two or three types.	12612	36.0	37.5	1.5	0.5	4					
					These are highly silicic, light grey felsic volcanic (60% of clasts) (massive, locally	12613	37.5	39.0	1.5	0.5	12					
					sericitized within, but not usually) with quartz eyes locally, not always, also darker grey	12614	39.0	40.5	1.5	0.5	1					
					felsics with disseminated pyrite (rare), the second most abundant fragment type is the	12615	40.5	42.0	1.5	0.5	5					
					intermediate (possibly mafic) lapilli crystal tuff (39%) when these are abundant the rock	12616	42.0	43.39	1.39	0.5	4					
					is more carbonated (calcite) and higher magnetically (MS = 0.55 x 10^{-3}) instead of	12617	43.39	45.0	1.61	0.5	4					
					0.05-0.30 over most of the unit) these are rare dark green chlorotic sliver (blades) like	12618	45.0	46.5	1.5	0.5	13					
					fragments of mafic volcanics (ie. 41m).	12619	46.5	48.0	1.5	0.5	2					
					There are bands which are extremely felsic and those which are more mafic due to both	12620	48.0	49.5	1.5	0.5	2					
					the matrix and fragment composition.	12621	49.5	51.0	1.5	0.5	5					
					There are many Iron Oxidation stained fracture areas often associated with thin quartz	12622	51.0	52.5	1.5	0.5	2					
					carbonate veinlets which cross-cut at right angles and are parallel to the foliation.	12623	52.5	54.0	1.5	0.5	3					
					ALTERATION: moderate sericite alteration along weak foliation, around clasts and	12624	54.0	55.5	1.5	0.5	5					
					adjacent to veining and strong to moderate $CaCO_3$ alteration into matrix between	12625	55.5	57.0	1.5	0.5	13					
					fragments in some veins.	12626	57.0	58.5	1.5	0.5	1					
					STRUCTURE: the fragments are elongated from 2:1 to 10:1 depending on the make up	12627	58.5	60.0	1.5	0.5	4					
					of the fragment, the more silicic fragments are not elongated unless they have sericite	12628	60.0	61.5	1.5	0.5	2					

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 3/15
PROPERTY	DISTRICT	CONTRACTOR	270	48°		COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	286	45°	197°	COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					alteration within them.	12629	61.5	63.0	1.5	0.5	2				
					MINERALIZATION: trace pyrite seen disseminated and with quartz-carbonate veins.	12630	63.0	64.5	1.5	0.5	2				
					32.82-33.14; 33.31-33.33; 39.17-39.24; 43.01-43.39; 45.2-45.26; 47.37-47.50;	12631	64.5	66.0	1.5	0.5	3				
					51.51-51.62; 54.9-55.0; 55.59-55.65; 56.22-56.24; 56.35-56.41; 56.48-56.68;	12632	66.0	68.5	1.5	0.5	3				
					58.76-58.87; 63.46-64.06; 79.55-79.66; 80.38-80.45	12633	68.5	69.0	0.5	0.5	8				
					The above are iron oxidation stains associated with fractures and quartz and calcite	12634	69.0	70.5	1.5	0.5	4				
					veins with fractures often at 50° to CA (opp to foliation) as are veins.	12635	70.5	72.0	1.5	0.5	3				
					32.24-35.73; 52.60-54; 73.74-78.75 (extremely carbonated calcite)	12636	72.0	73.5	1.5	0.5	4				
					104.53-165.74; 111.42-114.52	12637	73.5	75.0	1.5	0.5	3				
					The above are med. to dark grey, intermediate lapilli-bomb tuffs which tend to have a	12638	75.0	76.5	1.5	0.5	10				
					MS (0.5 x 10^3 SI units) and a higher $CaCO_3$ content and are softer due to localized	12639	76.5	78.0	1.5	0.5	6				
					chlorite alteration.	12640	78.0	79.55	1.55	0.5	5				
					53.0-53.24 m gavel-clay fault gauge	12641	79.55	81.0	1.45	0.5	3				
					95.15-101.02 - a section of small quartz and quartz carbonate veins and intensified	12642	81.0	82.5	1.5	0.5	2				
					sericite alteration and slight brecciations, 95.15-95.36 - an undulatory contact with	12643	82.5	84.0	1.5	0.5	11				
					quartz-carbonate veins at 60° to CA (grey white), 99-99.47 at quartz-calcite-ferro	12644	84.0	85.5	1.5	0.5	2				
					dolomite veins at 0-60° to CA (5-1cm thick), 100.24-100.35 at quartz calcite vein	12645	85.5	87.0	1.5	0.5	7				
					(grey white)at 40° to CA, and 100.81-101.02 and 100.01-100.13 very intense green	12646	87.0	88.5	1.5	0.5	0				
					yellow sericite alteration with quartz eyes (angular).	12647	88.5	90.0	1.5	0.5	0				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 4/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					FOLIATION TO CA: 27 m at 80° (F1), 30 m at 50° (F1), 33.20 at 40° (F1), 36 m at	12648	90.0	91.5	1.5	0.5	0					
					50° (F1), 39 m at 40° (F1), 42 m at 40° (F1), 45 m at 50°; 48 m at 50°; 51 m at 80°	12649	91.5	93.0	1.5	0.5	2					
					54 m at 50°; 57 m at 50°, 60 m at 50°, 63 m at 50°, 66 m at 50°, 69 m at 50°,	12650	93.0	94.5	1.5	0.5	0					
					72 m at 50°, 75 m at 50°, 78 m at 50°, 81 m at 50°, 84 m at 55°, 87 m at 60°, 90 m at	12651	94.5	96.0	1.5	0.5	6					
					30°, 93 m at 40°, 96 m at 40°, 99 m at 50°, 100 m at 50°, 105 m at 50°, 108 m at	12652	96.0	97.5	1.5	0.5	5					
					111 m at 20°, 112.5 m at 50° (F1) and 70° (F2), 114 m at 50° (F1), 117 m at 50°,	12653	97.5	99.0	1.5	0.5	0					
					120 m at 55° (F1), 123 m at 50° (F1), 126 m at 50°; 129 m at 60°, 132 m at 50° (F1),	12654	99.0	100.5	1.5	0.5	0					
					135 m at 50° (F1), 138 m at 50° (F1), 141 m at 50° (F1), 144 m at 60° (F1),	12655	100.5	102.0	1.5	0.5	0					
					147 m at 60°, 150 m at 50° (F1).	12656	102.0	103.5	1.5	0.5	7					
					118.38-118.44 - quartz carbonate vein, blue grey at 70° to CA	12657	103.5	104.5	1.03	0.5	0					
					114.52-142.17 m - very felsic, very little $CaCO_3$ - except associated with veins	12658	104.53	105.74	1.21	0.5	2					
					sericite is however present felsic lapilli-bomb tuff	12659	105.74	107.2	1.5	0.5	1					
					142.17-142.32 - graphite section of felsic lapilli-bomb tuff, trace of pyrite	12660	107.24	108.0	0.76	0.5	2					
					142.32-147.38 and 147.83-152.97 - felsic lapilli (minor bombs) crystal tuff with	12661	108.0	109.5	1.5	0 5	1					
					much stronger foliation and smaller lapilli for the most part (ie. better sorting	12662	109.5	111.4	1.92	0.5	0					
					<2 cm average) and 10% white feldspar crystals trace-1% pyrite as fragments.	12663	111.47	112.9	1.5	0.5	0					
					147.38-147.83 - graphite felsic lapilli tuff with fault gauge over 5 mm at 147.83m	12664	112.92	114.5	1.6	0.5	1					
						12665	114.52	116.0	1.5	0.5	0					

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 5/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
152.97	167.93			Graphite	Fine to medium grained ash with 30%-40% lapilli (2mm-1cm) with an average size of	12666	116.02	117.0	0.98	0.5	4				
				Ash-Lapilli	3-5mm and 2-3% small (<1mm) grey quartz eyes	12667	117.0	118.4	1.44	0.5	2				
				Felsic Tuff	Lapilli are 90% felsic volcanic, quartz pyrite fragments,	12668	118.44	120.0	1.56	0.5	1				
					intermediate volcanic and graphite fragments	12669	120.0	121.5	1.5	0.5	1				
					The lapilli are elliptical, moderately elongated (2:1)	12670	121.5	123.0	1.5	0.5	1				
					There are sections of felsic tuff which are entirely mixed with graphite giving them a	12671	123.0	124.5	1.5	0.5	0				
					black colour and they give a black coloration to touch but remain hard, and there	12672	124.5	126.0	1.5	0.5	0				
					are felsic tuff sections with a mild graphite component to the matrix (medium grey	12673	126.0	127.5	1.5	0.5	0				
					colour) with thin black graphite bands, other sections of tuffaceous graphite and	12674	127.5	129.0	1.5	0.5	0				
					quartz-calcite breccia zones are also present and these zones are softer.	12675	129.0	130.5	1.5	0.5	0				
					At 160.27m is a thin (7mm) green (light) quartz vein cross cutting foliation at	12676	130.5	132.0	1.5	0.5	0				
					35° to CA and shows displacement along the F1 foliation which is at 30°	12677	132.0	133.5	1.5	0.5	1				
					ALTERATION: Mild $CaCO_3$ in veins and fractured areas and very weakly and locally	12678	133.5	135.0	1.5	0.5	0				
					in matrix	12679	135.0	136.5	1.5	0.5	3				
					STRUCTURE: Strong F1 foliation at an average 50° to CA	12680	136.5	138.0	1.5	0.5	2				
					1% thin grey quartz veinlets (1-2 mm), cross cut foliation of 10-50° to CA	12681	138.0	139.5	1.5	0.5	0				
					Local F2 foliation causing minor crenulation in some finer grained bands at 50°	12682	139.5	141.0	1.5	0.5	3				
					to CA	12683	141.0	142.5	1.5	0.5	0				

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. 194-17 PAGE 6/15

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				
					MINERALIZATION: There is 1-2% very fine disseminated pyrite in the non-graphitic	12684	142.5	144.0	1.5	0.5	0				
					felsic tuff and 1-4% very fine grained pyrite in the graphite sections and in the graphite	12685	144.0	145.5	1.5	0.5	0				
					-quartz zones as disseminated pyrite and as quartz-carbonate-pyrite fragments	12686	145.5	147.0	1.5	0.5	1				
					152.97-154.21 - Graphite-quartz carbonate zone to graphitic felsic tuff, bands of	12687	147.0	148.5	1.5	0.5	0				
					non-graphitic felsic tuff are also found in this section, trace - 1% pyrite	12688	142.5	150.0	1.5	0.5	0				
					154.34-155.55 - Graphite felsic tuff - black colour, 1% pyrite	12689	150.0	151.5	1.5	0.5	0				
					155.55-156 - felsic ash tuff with mild sericite alteration and strong F2 crenulation and a	12690	151.5	152.97	1.47	0.5	0				
					blocky section. 155.80-156.02m - 1% pyrite	12691	152.9	154.54	1.51	1	0				
					156-156.43 - banded felsic ash-lapilli tuff and graphitic ash lapilli felsic tuff	12692	154.5	155.55	1.01	1	4				
					and quartz carbonate veinlets.	12693	155.5	156.94	1.39	1	3				
					156.43-156.7 - felsic ash-lapilli tuff, trace - 1% pyrite	12694	156.9	158.5	1.56	1	1				
					156.7-156.94 - Graphitic tuff with thin calcite-quartz veinlets and 1% pyrite	12695	158.5	160.0	1.5	2	0				
					156.94-165.34 - Felsic ash-lapilli tuff with minor graphitic infiltration of the matrix	12696	160.0	161.5	1.5	2	3				
					and minor graphitic bands and 2% very fine grained disseminated pyrite (cubic yellow)	12697	161.5	163.0	1.5	2	2				
					and very minor quartz veins and quartz-carbonate veins (< 5mm and < 2%), blocky.	12698	163.0	164.5	1.5	2	0				
					section 164.97-165.34 m	12699	164.5	165.99	1.19	2	0				
					165.34-165.69 - Graphite tuff to felsic tuff, 1-2% disseminated fine pyrite	12700	165.6	166.66	0.97	2	6				
					165.69-166.66 - Felsic lapilli-bomb tuff with thin bands of finer lapilli (< 1cm)	12701	166.6	167.93	1.27	10	10				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 7/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%SUL	Au ppb				
					up to 5 cm wide, having 5% within them giving the sub-unit 2% pyrite with large										
					bombs of felsic ash tuff and moderate sericite alteration along weak foliation										
					166.66-167.79 - Graphite felsic ash-lapilli tuff banded with felsic ash lapilli tuff										
					-sericitized bands of 2 cm-10 cm, with 5% pyrite and local crenulation by D2										
					deformation										
					162.79-167.93 - Massive banded brown yellow pyrite with brown, sericite, very										
					fine grained. Foliation to CA: 153 m at 45°, 156 m at 85° (F2) and 40° (F1),										
					159 m at 40° (F1), 162 at 45° (F1), 165 m at 65° (F1), 126 m at 65° (F2) and 60°										
					at 168 m at 60° (F1)										
167.93	176.97			Quartz-Feldspar	Grey to orange grey, very fine silicic matrix, amorphous matrix (60%) with 20% grey	12702	167.93	169.5	1.57	2	10				
				Porphyry	quartz porphyries (2mm-1cm) round to angular, and 1% k-spar porphyries visible likely	12703	169.5	171.0	1.5	2	33				
					higher number but grain boundaries have been altered so they are not visible which	12704	171.0	172.5	1.5	2	3				
					is the case for the majority of the white plagioclase feldspar, some of which are	12705	172.5	174.0	1.5	2	26				
					visible (2mm-5mm - euledral)	12706	174.0	176.5	1.5	2	24				
					Predominate fracture sets at 40° and 60° to CA.	12707	176.5	176.9	0.47	2	11				
					10% quartz and quartz-carbonate veins (some veins very fine) at predominately										
					50°-60° and 1-2cm wide but some at 0-90° (< 1cm) and often ptymatically folded or										

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
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COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 8/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					crenulated										
					Fracture fillings of black chert, sometimes with white quartz										
					ALTERATION: weak to moderate sericite alteration										
					STRUCTURE: veins and fracture sets as mentioned above, upper contact at 60° to CA										
					MINERALIZATION: 2% very fine disseminated cubes										
					176.50-176.97 - blue grey quartz-carbonate veins, sericitized, and extremely blocky										
					with a graphitic fault gauge at 176.70 m.										
176.97	192.38			Felsic Lapilli	Yellow grey to black unit which consists of 40-60% fragments	12708	176.97	178.5	1.53	2	6				
				Tuff to	Fragments are 1mm-6cm, averaging 2-3cm, and they are elongated from 5:1 to 15:1	12709	178.5	180.0	1.5	2	6				
				Fragmental	(Average 7:1)	12710	180.0	181.5	1.5	2	5				
					The fragments are heterolithic with the most common (60%) being felsic ash-tuff	12711	181.5	182.37	0.87	2	13				
					(grey to yellow grey) with elongated quartz eyes, often soft due to sericitization	12712	182.37	183.05	0.68	2	5				
					and cream yellow tuffaceous mudstone to felsic ash (20%) and 10% (grey)	12713	183.05	184.5	1.45	2	2				
					intermediate ash-crystal tuff and 5% black graphite and graphitic pyrite fragments	12714	184.5	186.0	1.5	2	0				
					(often the most angular fragments and sometimes extremely elongated slivers) and	12715	186.0	187.5	1.5	2	1				
					rare (2%) pyrite and pyrite quartz-carbonate fragments (< 1cm), dark brown pyrite.	12716	187.5	189.0	1.5	2	1				
					Thin sericite (yellow) bands are present throughout the unit (< 5mm) and thin black	12717	189.0	190.5	1.5	2	2				

DIAMOND DRILL LOG

W.A. HUBACHECK CONSULTANTS LTD.
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COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 9/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
					graphite bands	12718	190.5	192.38	1.88	2	1				
					The matrix is a yellow grey to black, sericitic to graphitic siliceous felsic ash,										
					fine grained.										
					ALTERATION: Moderate sericitization along foliation and of selective clasts.										
					STRUCTURE: strong F1 foliation marked by clast alignment and thin sericite										
					and graphite bands.										
					MINERALIZATION: 1-2% pyrite in pyrite-quartz-carbonate fragments, minor quartz										
					veins and quartz-carbonate										
					177.26-177.6 - blocky ground										
				Intrusive	182.37-183.07 - Intermediate felsic, very fine, fine grained dyke, contact halo's										
				(felsic)	(perhaps chill margins) with lower contact at 35° to CA and upper one at 70° to CA,										
					fairly massive with mild to moderate sericite alteration and a light grey green										
					colour and trace pyrite.										
					The fragmental above and below is much more sericitized and fragments are annealed										
					together, (fragment outline has been altered) over 40 cm.										
					The matrix becomes more graphitic down hole and the frequency of pyrite and										
					sericite bands also increases down hole (after 189m)										
					FOLIATION TO CA: at 180 m at 55° at 183.5 m at 55° (F1) at 186m at 55° (F1),										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 10/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					at 192 at 55°										
192.38	192.97			Graphitic	Black with minor white bands										
				Quartz-	This unit consists of soft graphitic tuff with thin quartz-carbonate ($CaCO_3$) veinlets										
				Carbonate	and bands and breccia infilling (10%) and weak-moderate F1 foliation and a 2 cm wide										
				Tuffs and	fault gouge at 192.40-192.42 m and a semi-massive pyrite band at 192.94-192.97 m										
				Fault Gouge	appears to be elliptical pyrite fragments welded together, 10% pyrite in unit										
					F1 foliation at 50° to CA, possible weak crenulation of the F1 by D2										
192.97	193.93			Felsic	Light blue grey, with fine to medium grained ash, with a granular texture	12719	192.97	193.93	0.96	1	8				
				Ash Tuff	Fairly massive with very poor foliation and soft, due to strong white sericite										
					alteration, trace-1% pyrite and weak foliation at 40° to CA										
					Very blocky unit, very poor RQD										
193.93	194.48			Graphite and	Black with brown yellow semi-massive to massive pyrite.	12720	193.93	194.48	0.55	20	8				
				Massive Pyrite	193.93-194.05 - graphite with weak F1 and F2 foliation at 60° (F1) and 80° (F2)										
					194.05-194.98 - massive pyrite, appears to be annealed fragments of pyrite.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 11/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
194.48	231.64			Felsic Lapilli	Light grey to black, very fine to fine grained matrix	12721	194.48	196.07	1.59	7	2				
				Crystal Tuff	This unit consists of large grey fragments & lapilli-crystal ash tuff which have been	12722	196.07	197.57	1.5	7	10				
				Breccia	brecciated either through a slump or via a cataclastic event and graphitic cherty	12723	197.57	199.05	1.48	4	1				
					material moved along the fractures or around the fragments and has infilled all fracture	12724	199.05	200.55	1.5	4	21				
					fractures altering the felsic tuff giving it an irregular fragment edge due to alteration	12725	200.55	202.05	1.5	4	14				
					and perhaps flow, as the fragments of the felsic tuff which are <5cm and are elliptical	12726	202.05	203.18	1.13	4	7				
					in the graphitic chert are aligned giving structure orientation. The felsic tuff fragments	12727	203.18	204.13	1.12	4	8				
					are 20%-30% lapilli which are also elliptical and elongated and are homogeneous	12728	204.3	205.38	1.08	4	1				
					(felsic clasts) and <1cm, average 5mm. They also have a variable content of white	12729	205.38	207.0	1.62	1	1				
					feldspar laths (1mm-3mm) with some clasts having no lapilli and 30% crystals and	12730	207.0	208.5	1.5	1	0				
					others have 5% crystals and 25% lapilli, some leucoxene specks in some fragments,	12731	208.5	210.0	1.5	1	2				
					also some quartz eyes in felsic tuff.	12732	210.0	211.5	1.5	1	7				
					The large non-elliptical felsic lapilli-crystal tuff brecciated fragments range from	12733	211.5	213.0	1.5	1	3				
					5mm-25cm and the graphitic chert is never wider than 25cm and is usually <5cm.	12734	213.0	214.5	1.5	1	0				
					These sections are very hard, however, graphite comes off when rubbed and there is	12735	214.5	216.0	1.5	1	0				
					1% very, very fine pyrite disseminated throughout these sections and often hematite	12736	216.0	217.55	1.55	1	0				
					stains on fractures.	12737	217.55	219.0	1.45	1	0				
					194.48-196.07 - Intermediate lithic-lapilli tuff - nearly fragment supported to	12738	219.0	220.5	1.5	1	1				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 12/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					fragment supported well sorted, (2-3mm lithic and rounded lapilli fragments of felsic	12739	220.5	222.0	1.5	1	2					
					tuff, and feldspar laths with 7% pyrite in small lithic fragments and as large (2-3cm)	12740	222.0	223.5	1.5	1	6					
					lapilli's of pyrite in quartz-calcite with radiolaric crystal growth of quartz	12741	223.5	225.0	1.5	1	14					
					grains.	12742	225.0	226.5	1.5	1	2					
					199.05-199.17 - very strongly sericitized fault gouge (white sericite) at 40° to CA	12743	226.5	228.0	1.5	1	0					
					203.18-202.38 calcite quartz (white-yellow) stringer to breccia vein (5mm-1.5cm wide)	12744	228.0	229.5	1.5	1	0					
					with hematite powder on fractures at a low angle to the core axis, at 0-10° to CA,	12745	229.5	230.5	1.0	1	0					
					undulatory along the core axis with smaller veinlets at right angles, clay-like gouge	12746	230.5	231.64	1.14	1	0					
					along vein wall.											
					203.30-205.38 - fault gauge - white sericite.											
					194.48-205.30 - 4% pyrite disseminated and in pyrite quartz-carbonate fragments											
					212-95-213 and 218.42-218.53 - white quartz-feldspar veins at 60-90° to CA											
					ALTERATIVE: strong sericitization of felsic tuff fragments (white sericite)											
					STRUCTURE: a fragment alignment (fluid flow texture in the graphitic chert material											
					which fills the brecciation gaps.											
					MINERALIZATION: there is trace 1% very fine disseminated pyrite throughout,											
					especially in graphitic chert breccia infilling and on some felsic tuff fragments											
					(sprinkled) and a section 194.48-205.38 of 4% pyrite											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	HOLE NO. C94-17 PAGE 13/15
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	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
					Small fault gouge - sericitic (white) at lower contact foliation (or breccia flow	12747	231.64	232.14	0.5	0	1
					alignment) to CA.	12748	237.0	238.5	1.5	0	2
					197 m at 50° to CA, 198 m at 30°, 201 m at 50°, 205 m at 40°, 207 m at 40°,	12749	241.5	243.0	1.5	0	8
					210 m at 50°, 213 m at 50°, 216 m at 40°, 219 m at 40°, 223 m at 50°,	12750	247.51	249.0	1.49	0	5
					228 m at 60°, 231 m at 55°.	12751	255.0	256.5	1.5	0	13
						12752	261.0	262.5	1.5	0	11
231.64	286			Felsic	Medium grey to medium green, this unit is comprised of sections of grey fragment rich	12753	267.0	268.5	1.5	0	3
				Intermediate	quartz-eyed felsic lapilli-bomb tuff with both clasts and matrix rich in crystals	12754	273.0	274.5	1.5	0	1
				Lapilli-Bomb	of white feldspar and grey quartz, some are strongly felsic others more intermediate,	12755	282.0	283.5	1.5	0	0
				Tuff	and there is an enveloping alteration of sericite in the matrix which surrounds all						
				(agglomerate)	grains in a moderate way and in the fragments themselves, which are all of felsic-						
					intermediate volcanic in nature and most are crystal tuff others are ash tuff,						
					(lesser). The bombs in these sections range up to 25 cm and average 10 cm with						
					smaller lapilli crystals in the matrix (1mm - 1cm). These bombs and lapilli represent						
					50% of this unit. There are also sections of intermediate lapilli-crystal tuff which						
					are moderately chloritized, these sections have the odd larger bomb or lapilli but						
					most fragments are 2mm-5mm and represent 20% of this unit. There are also minor						
					clasts of chloritic shards (ie. 285), clay mudstone (280m).						

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 14/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%REC					
					Some larger lapilli and bombs are potassic feldspar porphyry (reddish colour to										
					clasts concentrated between 263.10-270).										
					Sections with leucoxene specks of up to 25% from 268.22-275.92 m in clasts and										
					matrix.										
					ALTERATION: weak sericite alteration in more felsic sections and more intense										
					in some fragment types and moderate chlorite alteration over some sections.										
					STRUCTURE: very weak F1 foliation in finer subunits where smaller lapilli and ash										
					have aligned.										
					MINERALIZATION: Trace pyrite disseminates and associated with small quartz-										
					clasts.										
					VEINS-MINOR: quartz veinlets at 20-30° and 50° to CA (< 1cm) sometimes										
					quartz-$CaCO_3$.										
					273.64-274.5 - blocky section.										
					231.64-247.51 - felsic - intermediate lapilli-bomb (grey) tuff with 40-50% fragments										
					mostly felsic to intermediate crystal lapilli tuff.										
					247.51-263.10 - intermediate chloritic lapilli (green) tuff, few (5%) bombs most ly										
					lapilli <3cm moderately chlorotic, not bad foliation sections.										
					263.10-275.92 - intermediate lapilli-bomb tuff (green) with leucoxene specks and										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-17	PAGE 15/15
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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	%BUL					
					bombs and lapilli of 50% lapilli <2cm elongated 2:1 potassic feldspar porphyry										
					(orange) and mild chlorotic alteration of matrix.										
					275.92-286 m - intermediate lapilli-bomb tuff with weak chloritization and moderate										
					sericitization and fragments of grey fined grained material, fairly angular mostly lapilli										
					(grey felsic or quartz material) <1cm with a weak alignment giving F1 foliation angles.										
					FOLIATION TO CA: 231.7m at 60° (F1), 234 m at 40° (F1) 234 m at 60°, 240 m at										
					60°, 247.50 at 55°, 250.5 m at 40°, 253.5 m at 50°, 255 m at 60°, 261 m at 60°,										
					282 m at 60°, 285 m at 60°.										
					286 E.O.H.										

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact Mines	NTS	32-D-4	CORE SIZE	BQ	HOLE NO. C94-18	PAGE 1/14
PROPERTY	Thompson-Lundmark	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	COLLAR AZIMUTH	180
COMMENCED	March 14, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	March 17-20, 1994	COLLAR DIP	53
COMPLETED	March 19, 1994	CLAIM	9339	LOGGED BY	Kevin Montgomery	ELEVATION	
OBJECTIVE		CO-ORDINATES	16W, 85N	DDH COMMENTS		LENGTH	299M

SURVEY DEPTH	DIP	AZIMUTH
30	53	-
65	50	179
100	49	179
120	47	-

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	SEUL	ASSAYS Au ppb	Au gpt			
0	63			Overburden											
63	132.70			Sericitized	cream to mustard yellow, VFg, foliated, felsic ash tuff with minor graphitic	12113	65.0	66.5	1.5	0	14				
				Felsic Ash Tuff	micro fractures (< 1 mm). The felsic ash tuff contains finely laminated graphite	12114	66.5	68.0	1.5	0	7				
					zones (0.25 to 0.8 m wide). The graphite zones are 90-95% VFg black graphite	12115	68.0	69.5	1.5	0	14				
					with very thin quartz-carbonate laminations and local sericite laminations.	12116	69.5	71.1	1.6	3	104				
					The tuff is strongly micro fractured and comprised of sericite rich bands										
					interlayered with white carbonate-quartz bands.										
					ALTERATION: moderately pervasive sericitization which imparts the yellowish										
					tinge to the unit also distinct sericite foliation planes. Moderate pervasive										
					carbonatization (ferrodolomite) in filling micro fractures. Local iron oxidation										
					about fractures. MINERALIZATION: trace disseminated pyrite with local sections	12117	71.1	72.5	1.4	0	36				
					of 1% pyrite.	12118	72.5	74.25	1.75	0	104				
					STRUCTURE: foliated primarily F1.	12119	74.25	76.0	1.75	0	84				
					66.20 50 to CA (F_1) 86.4 55 to CA (F_1) 128 60 to CA (F_1)										
					68.10 50 to CA (F_1) 90.5 65 to CA (F_2), 35 to CA (F_1)	12121	78.0	79.5	1.5	0	43				
					71.20 47 to CA (F_1) 102 55 to CA (F_1) 130.0 65 to CA (F_1)										
					73.65 50 to CA (F_1) 106.8 55 to CA (F_1) 132.2 60 to CA (F_1)										
					75.60 50 to CA (F_1) 120.4 55 to CA (F_1)	12122	79.5	81.0	1.5	0	19				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18	PAGE 2/14
PROPERTY	DISTRICT	CONTRACTOR	150	48		COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	180	46		COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY	200	45	185	ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	240	43		LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%BUL	Au ppb					
					80.0 50 to CA (F_1) 124.0 65 to CA (F_1)	12123	81.0	83.0	2.0	0	7					
					82.6 45 to CA (F_1) 126.0 65 to CA (F_1)	12124	83.0	84.5	1.5	0	3					
					Lower contact sharp 68 to CA.	12125	84.5	86.0	1.5	0	3					
					63-65 Blocky core with iron oxidized fracture planes, approximately 0.7 m of core loss.	12126	86.0	87.5	1.5	0	11					
					68.35-68.80 moderate iron oxidization about fracturing blocky core.	12127	87.5	89.0	1.5	1	133					
					70.25-70.72 MINERALIZATION: 1% VFg disseminated pyrite.											
					70.72-71.10 Finely laminated graphite band with minor hematite along foliation	12128	89.0	90.5	1.5	0	30					
					and 7% VFg brownish pyrite that is finely disseminated and concentrated in fine	12129	90.5	92.0	1.5	0	9					
					microfractures.											
					73.60-73.75 same as above, but 10% quartz-carbonate veinlets.	12130	92.0	93.5	1.5	0	7					
					76.0-76.8 Core lost, graphite zone?	12131	93.5	95.0	1.5	0	3					
					77.05-77.65 Same as 70.22-71.10 with 12% quartz-carbonate veinlets,	12132	95.0	96.5	1.5	0	4					
					10% VFg brownish pyrite occurring as lensoidal eyes (up to 1 x 3 cm)	12133	96.5	98.0	1.5	0	5					
					and finely disseminated along foliation planes.	12134	98.0	99.5	1.5	0	0					
					82.35-82.50 blocky core with minor iron oxidized fractures.	12135	99.5	101.0	1.5	0	57					
					83.85-84.25 same as above.	12136	101.0	102.5	1.5	0	28					
					88.30-88.55 Quartz-graphite zone comprised of 80% white quartz vein with 20%	12137	102.5	104.0	1.5	0	2					
					wispy graphite carbonate laminations. Minor iron oxidized fractures.	12138	104.0	105.5	1.5	0	6					
						12139	105.5	107.0	1.5	0	11					

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18		PAGE 3/14
PROPERTY	DISTRICT	CONTRACTOR	270	42		COLLAR AZIMUTH		
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	299	41	193	COLLAR DIP		
COMPLETED	CLAIM	LOGGED BY				ELEVATION		
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					88.55-88.83 Sericite-carbonate zone comprised of 85% VFg yellow sericite schist	12140	107.0	108.5	1.5	0	4				
					with grey carbonate quartz bands.	12141	108.5	110.0	1.5	0	16				
					88.83-89 Graphite breccia zone of angular grey carbonate-quartz fragments	12142	110.0	111.5	1.5	0	20				
					(80%) with VFg black graphite matrix. Zone contains 1% VFg finely disseminated										
					pyrite.										
					89.0-89.55 same as 88.55-88.83.	12143	111.5	113.0	1.5	0	10				
					92.31-92.42 Quartz-carbonate vein, 45 to CA.	12144	113.0	114.5	1.5	0	6				
					94.36-94.40 same as above, 75 to CA.	12145	114.5	116.0	1.5	0	4				
					94.55-94.66 same as above.	12146	116.0	117.5	1.5	0	2				
					94-95 VFg sericitized ash tuff/mudstone?	12147	117.5	119.0	1.5	0	3				
					94.80-99.5 coarse to medium ash tuff with turquoise green splotches possibly	12148	119.0	120.5	1.5	0	5				
					epidotization or fuschitic alteration.										
					99.50-100.25 same as 94-95 m and cut by minor quartz veinlets.										
					100.25-102.50 Breccia comprised of angular large felsic ash tuff	12149	120.5	122.0	1.5	0	5				
					fragments (65%) within VFg white carbonate (ferrodolomite) matrix.	12150	122.0	123.35	1.35	0	8				
					103.60-104.40 Blocky core with iron oxidized fractures.	12151	123.3	125.0	1.65	0	12				
					107.50-110.60 same as 94-95, blocky core.	12152	125.0	126.5	1.5	0	20				
					117.24-117.32 white quartz vein, 55 to CA.	12153	126.5	128.0	1.5	0	17				
					121.70 white microfractured quartz-carbonate vein (1 cm), 40 to CA. Vein has	12154	128.0	129.5	1.5	0	278				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18	PAGE 4/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE					ASSAYS				
FROM	TO					SAMPLE NO.	FROM	TO	LENGTH	%SUL	Au ppb				
					a puzzle appearance as the fine microfractures are filled with grey VFg material.	12155	129.5	131.0	1.5	0	18				
					123.35-132.20 VFg sericitized finely laminated ash tuff/mudstone? well foliated	12156	131.0	132.7	1.7	0.5	45				
					and containing quartz-carbonate laminations (1-5 mm wide) and very thin graphitic										
					lamination (1 mm). Trace to 0.5% finely disseminated VFg pyrite. Graphitic										
					laminations increase downhole.										
					124.88 white quartz-carbonate vein (1-5 mm) 60 to CA.										
					126.30-126.37 same as above (5 cm), 55 to CA.										
					128.08-128.27 Grey carbonatization (ferrodolomite) zone with 1% disseminated VFg										
					pyrite.										
					132.11-132.70 MINERALIZATION: 1% VFg disseminated pyrite with local										
					brecciation by graphitic micro fractures.										
132.7	145.15			Graphite	VFg, black, finely laminated graphite-carbonate zone with interlayered	12157	132.7	133.5	0.8	3	163				
				Carbonate	with VFg, grey, brecciated and altered felsic ash tuff and quartz-	12158	133.5	135.5	1.5	5	248				
				Zones/Felsic	carbonate breccia zones (30% of unit).	12159	135.5	137.0	1.5	7.5	273				
				Ash Tuff	ALTERATION: The felsic ash tuff layers are silicified, sericitized										
					and carbonatized (ferrodolomite).	12160	137.0	138.1	1.1	8.5	163				
					MINERALIZATION: Overall 8% pyrite in unit with higher sections of 10-12%.	12161	138.1	139.2	1.1	10	218				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18	PAGE 5/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%BUL	Au ppb					
					Pyrite VFg disseminations and small fragments.											
					STRUCTURE: Well laminated (F_1), 133.0 65 to CA (F_1).	12162	142.2	143.7	1.5	10	45					
						12163	143.7	145.15	1.45	10	72					
					132.70-132.90 black, VFg, finely laminated, massive graphite zone with 5% VFg											
					brassy pyrite. The pyrite occurs as small blebs (5mm-1cm diameter) with calcite											
					pressure shadows.											
					132.90-133.50 dark grey, laminated, graphitic and sericitic felsic ash tuff											
					comprised of carbonatized grey ash layers intercalated with very thin (< 1 mm)											
					graphitic laminations and sericitic foliation. The tuff contains 2% VFg disseminated											
					pyrite.											
					133.50-135.0 black VFg graphite zone with 10% white contorted quartz-carbonate											
					veinlets to stringers. Zone contains 5% brownish VFg pyrite fragments/lenses.											
					134.50-135.0 Fault-graphite gouge.											
					135.0 - 135.50 core lost.											
					135.50-138.10 grey VFg silicified and carbonatized (ferrodolomite) felsic ash tuff											
					that is strongly quartz-carbonate vein flooded (25% of section). Tuff well mineralized											
					with 7-8% VFg to Fg disseminated pyrite, local massive pyrite lenses and bands.											
					Pink carbonate present in veining.											
					138.10-138.50 Graphite zone with 10% fine white carbonate veinlets (1-2 mm) and											

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-18 PAGE 6/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%REC	ASSAYS Au ppb				
					7-8% pyrite same as 135.5-138.0.										
					138.50-139.0 Heavily sericitized and pyritic (10-12%) felsic ash tuff. Pyrite										
					VFg finely disseminated and local lenses (5 mm x 2 cm). Approximately 20% white										
					quartz-carbonate veining, randomly oriented.										
					139.0-139.20 Top portion of massive graphite zone.										
					139.17 Massive pyrite band (3 cm wide) in graphite zone, band 55 to CA.										
					139.20-142.20 Lost core in graphite zone.										
					142.20-145.15 Massive VFg graphite zone with 10% pyrite. The pyrite is										
					VFg and occurs as very fine disseminations along F1 foliation, thin laminations										
					(2-3mm) and local blebs. Semi massive patches at 144.6, 144.65 and 144.90.										
145.15	150.0			Pyritic	Cream to olive green, VFg, foliated, altered felsic ash tuff. Tuff consists of	12164	145.15	146.5	1.35	14	16				
				Sericitized	fine sericite foliations planes intercalated with grey quartz-carbonate	12165	146.5	148.0	1.5	5	8				
				Felsic Ash Tuff	stretched laminations (lenses). Local white feldspar crystals in tuff.										
					Minor quartz-carbonate veins.	12166	148.0	149.0	1.0	5	3				
					ALTERATION: intense pervasive sericitization of entire unit. Weak pervasive	12167	149.0	150.0	1.0	7	5				
					carbonatization (ferrodolomite).										
					MINERALIZATION: overall 8% pyrite. Generally VFg to Fg finely disseminated.										
					STRUCTURE: strong F1 foliation with local F2 foliation.										

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 COMMENTS			

HOLE NO. C94-18 PAGE 7/14
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				
					146.0 38 to CA (F_1) 148.50 40 to CA (F_1)										
					148.3 85 to CA (F_2) 149.30 40 to CA (F_1)										
					Lower contact 55 to CA.										
					145.15-146.5 MINERALIZATION: 15-12% VFg and lesser Fg disseminated pyrite										
					in moderately quartz veined section.										
					146.5-149.0 MINERALIZATION: 5-6% VFg disseminated pyrite.										
					147.30-147.35 Finely microbrecciated white quartz-carbonate vein (3cm), 40 to CA.										
					149.15-149.19 same as above (2 cm), 50 to CA.										
					148.77-148.87 same as above (6 cm), 35 to CA.										
					149.0-149.67 MINERALIZATION: 10% VFg and Fg disseminated pyrite.										
					149.38-149.67 ALTERATION: grey carbonatization (ferrodolomite) zone.										
						12168	150.0	151.5	1.5	5	15				
150.0	202.2			Graphite	Light grey, VFg, laminated felsic ash tuff. The tuff is comprised of felsic ash	12169	151.5	153.0	1.5	3	16				
				Felsic Ash Tuff	with 3-5% very fine (<1mm) white feldspar crystals. The ash is finely laminated	12170	153.0	154.8	1.8	0.5	4				
					(1mm - 5mm wide) with 15-20% graphitic laminations and lesser local sericitic	12171	154.8	156.5	1.7	2	4				
					laminations. Very minor quartz-carbonate veining.	12172	156.5	158.0	1.5	0.5	3				
					ALTERATION: moderate pervasive carbonatization (ferrodolomite) as fine ribbons										
					to laminations in the tuff.	12173	158.0	159.5	1.5	1	3				
					MINERALIZATION: locally 1% VFg disseminated pyrite.	12174	159.5	161.0	1.5	0	2				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-18 PAGE 9/14
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	SAUL	ASSAYS Au ppb				
					176.15-176.20 quartz carbonate vein.	12188	180.5	182.0	1.5	0.5	33				
					176.64-176.70 same as above, (4 cm) 32 to CA.	12189	182.0	183.5	1.5	0	7				
					177.14-177.20 same as above, 70 to CA.	12190	183.5	185.0	1.5	0	6				
					180.47-181.02 MINERALIZATION: 1% VFg-Fg disseminated pyrite.										
					191.50-191.59 Quartz vein (6 cm) 40 to CA.	12191	185.0	186.5	1.5	0	6				
						12192	186.5	188.0	1.5	0	4				
						12193	188.0	189.5	1.5	0	5				
						12194	189.5	191.0	1.5	0	36				
						12195	191.0	192.5	1.5	0	4				
						12196	192.5	194.0	1.5	0	30				
						12197	194.0	195.5	1.5	0	4				
						12198	195.5	197.0	1.5	0	1				
						12199	197.0	198.5	1.5	0	2				
						12200	198.5	200.0	1.5	0	4				
						12201	200.0	201.5	1.5	0	1				
202.2	208.0			Sericitized	greenish grey, foliated, felsic crystal tuff. The tuff is comprised of (50-60%)	12202	201.5	203.0	1.5	0	1				
				Felsic Crystal	white quartz-carbonate elliptical phenocrysts to lapilli stones (1 x 1 mm to	12203	203.0	204.5	1.5	0	2				
				Tuff	2 x 5 mm) enveloped by sericitic foliation. Rare graphitic foliation and wisps.	12204	204.5	206.0	1.5	0	4				
					Very minor quartz-carbonate veining.	12205	206.0	207.5	1.5	0	1				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18	PAGE 10/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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	%RUL	Au ppb					
					MINERALIZATION: none ALTERATION: moderate pervasive carbonatization											
					(ferrodolomite) and intense sericitization.											
					STRUCTURE: moderately foliated (F_1)											
					203 35 to CA (F_1) 207.5 50 to CA (F_1) 206 45 to CA (F_1)											
					Lower contact gradational.											
					206.6-206.72 VFg foliated grey felsic layer.											
					207.41-207.50 same as above.											
208	245.1			Sericitized	Light grey, VFg, foliated, felsic lapilli tuff that contains approximately	12206	207.5	209.0	1.5	0	2					
				Felsic Lapilli	10% lapilli stones and 5% white feldspar crystals (1-2 mm diameter)	12207	209.0	210.5	1.5	0	94					
				Tuff	in a VFg quartz-sericite-carbonate matrix. The lapilli stones are	12208	210.5	212.0	1.5	0	78					
					primarily black graphitic ash and dark grey ash. Minor quartz-carbonate veins.	12209	212.0	213.5	1.5	0	12					
					ALTERATION: moderate pervasive carbonatization (ferrodolomite) and intense	12210	213.5	215.0	1.5	0	5					
					pervasive sericitization. Mustard yellow sericite wispy foliation and bands	12211	215.0	216.5	1.5	0	7					
					appear below 220 m.	12212	216.5	218.0	1.5	0	14					
					MINERALIZATION: trace disseminated VFg pyrite.	12213	218.0	219.5	1.5	0	9					
					STRUCTURE: Strong variable foliation.	12214	219.5	221.0	1.5	0	6					
					212 30 to CA (F_1) 239.30 35 to CA (F_1) 242 40 to CA (F_1) 70 to CA (F_2)	12215	221.0	222.5	1.5	0	6					
					215 40 to CA (F_1) 230.0 30 to CA (F_1) 244.5 40 to CA (F_1)											

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-18	PAGE 11/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	%SUL	Au ppb					
					218.3 60 to CA (F_2) 15 to CA (F_1) 230.6 33 to CA (F_1) 40 to CA (F_2)	12216	222.5	224.0	1.5	0	4					
					221.0 35 to CA (F_1) 233 40 to CA (F_1)	12217	224.0	225.5	1.5	6	3					
					224 80 to CA (F_2) 236.3 50 to CA (F_1)	12218	225.5	227.0	1.5	0	<1					
					227.3 45 to CA (F_1) 239 40 to CA (F_1)	12219	227.0	228.5	1.5	0	3					
					210.25-210.35 irregular quartz-carbonate ribbons (40% of section).	12220	228.5	230.0	1.5	0	7					
					211.40-211.65 same as above.	12221	230.0	231.5	1.5	0	2					
					216.12-216.46 same as above.	12222	231.5	233.0	1.5	0	4					
					217.05-217.13 Quartz-carbonate vein (3 cm), 35 to CA.	12223	233.0	234.5	1.5	0.5	1					
					221.81-221.86 same as above (3.5 cm), 55 to CA.	12224	234.5	236.0	1.5	0	1					
					222.25-222.32 same as above 210.25-210.35.	12225	236.0	237.5	1.5	0	6					
					224.33-224.63 same as above 210.25-210.35.	12226	232.5	239.0	1.5	0	1					
					229.97-230.21 same as above 210.25-210.35.	12227	239.0	240.5	1.5	0	3					
					233.65-233.85 MINERALIZATION: 1% VFg disseminated pyrite.	12228	240.5	242.0	1.5	0	3					
						12229	242.0	243.5	1.5	0	1					
					235.41-235.44 Quartz-carbonate vein (1 cm) 35 to CA.	12230	243.5	245.0	1.5	0	3					
					241.70-242.0 Irregular quartz-carbonate ribbons.											
					242.28-242.38 Quartz-carbonate vein, upper contact 50 to CA, lower contact 20 to CA.											
					244.63-245.10 same as 241.20-242.0 lower contact gradational.											

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 COMMENTS			

HOLE NO. C94-18 PAGE 13/14

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	SIBUL	ASSAYS Au ppb
					247.55-247.75 White quartz-carbonate veining that is folded by F2 foliation	12243	263.0	264.5	1.5	0	<1
					and cut up into small ribbons.	12244	264.5	266.0	1.5	0	1
					253.05-253.12 Quartz-carbonate vein, 65 to CA.	12245	266.0	267.5	1.5	0.5	5
					254.39-254.64 Quartz-carbonate (ferrocalcite) vein with 10% sericite chlorite	12246	267.5	269.0	1.5	0.5	3
					ferrodolomite filled fractures, vein 35 to CA.						
					256.54-256.65 same as above.	12247	269.0	270.5	1.5	0	7
					257.89-258.06 Quartz-carbonate vein, 65 to CA.	12248	270.5	272.0	1.5	0	6
					257-261 Moderate quartz-carbonate veinlets (≤1 cm wide) randomly oriented.	12249	272.0	273.5	1.5	0	2
					264.80-264.93 Quartz-carbonate vein (1 cm), 20 to CA.	12250	273.5	275.0	1.5	0	2
					266.40-266.70 MINERALIZATION: 0.5% Fg cubic disseminated pyrite in an	12251	275.0	276.5	1.5	0	85
					intermediate tuff section.	12252	276.5	278.0	1.5	0	26
					268.90-269.10 MINERALIZATION: 2% Fg brassy pyrite concentrated along a	12253	278.0	279.5	1.5	0	21
					grey silicified fracture.	12254	279.5	281.0	1.5	0	12
					273.22-273.35 Quartz vein (1 cm wide), 15 to CA.	12255	281.0	282.5	1.5	0	6
					280.0-296.0 VFg purple mineralization in local felsic laminations that may be						
					lepidolite.	12256	282.5	284.0	1.5	0	2
					283.60-283.65 Quartz-carbonate vein, 90 to CA.	12257	284.0	285.5	1.5	0	2
					294.90 Quartz vein (1 cm), 20 to CA.	12258	285.5	287.0	1.5	0	3
					296.0-296.05 same as above, (3.5 cm), 40 to CA.	12259	287.0	288.5	1.5	0	1

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 COMMENTS			

HOLE NO. C94-18 PAGE 14/14
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	SEUL	ASSAYS Au ppb
					296.4-296.67 white bull quartz vein with minor sericite filled fracture.	12260	280.5	290.0	1.5	0	5
						12261	290.0	291.5	1.5	0	3
					296.92 Quartz-carbonate vein, 45 to CA (1.5 cm).	12262	291.5	293.0	1.5	0	5
					297.70-297.87 Quartz-carbonate vein with sericite filled foliation fractures.	12263	293.0	294.5	1.5	0	3
						12264	294.5	296.0	1.5	0	7
					297.97-298.14 same as above, 40 to CA.	12265	296.0	297.5	1.5	0	2
						12266	297.5	299.0	1.5	0	3
	299			EOH							

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact	NTS	32-0-4	CORE SIZE	BQ
PROPERTY	(CTL)	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.
COMMENCED	July 4/91	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 15-25/94
COMPLETED	July 24/91	CLAIM	9350	LOGGED BY	D. Jamieson
OBJECTIVE	Main Zone Tier 2	CO-ORDINATES	4+00W, 1+60N	DDH COMMENTS	C94-27 @ 0+90N Rejected at 96M; moved back to 1+60n

SURVEY DEPTH	DIP	AZIMUTH
76	64	(MAG)
115	62	
150	58	
180	57	

HOLE NO. C94-27	PAGE 1/9
COLLAR AZIMUTH	180
COLLAR DIP	65
ELEVATION	
LENGTH	362

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	75.7				Mafic Volcanic Flows - medium to dark green, aphanitic local						
					fine grained amygdules; micro fractured with abundant quartz-						
75.7	119			2A	calcite-iron carbonate veining/veinlets; numerous hyaloclastite/						
					flow top breccic sections 1 to 10 cm. Local 10 to 50 cm						
					sericitic, silicific interflow sediments/tuff with minor iron						
					carbonate and calcite.						
					75.7-79.25 Fe-tholeiite mafic flow. 82.3 flow contact 55° to CA.						
					85.9 Hyaloclastite contact 50° to CA.						
					87.3 Interflow sericite bands 55° to CA.						
					93 Flow contact 55° to CA.						
					96.5-98.7 Strong quartz-sericite-calcite iron carbonate	20201	96	96.5	0.5		20
					alteration of flow/interflow, minor pyrite.	20202	96.5	98.7	2.2		127
					102.5-105 Pyrite in local fine amygdules.	20203	98.7	99.2	0.5		47
					105.5-108.1 Quartz-sericite laminations/alteration of mafic	20204	105.5	107.4	1.9		82
					flows/interflow tuffs.	20205	107.4	108.1	0.7		38
					111.8-112.4 Quartz-sericite ± pyrite laminations.						
					116-119 Dark green, massive, "leucoxene speck" flow.						

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
200	55	180
240	54	
270	52	
300	50	181

HOLE NO. C94-27

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
119	200.8			3Bi	Intermediate Tuff - sharp upper contact @ 45° to CA.	20206	134	136	2		14
					Locally strong calcite stringer alteration; pervasive dolomitic	20207	136	139	3		32
					carbonate alteration varies from weak (slight mottling or	20208	139	140.5	1.5		23
					specks) to strong (bands or patches of bleaching associated	20209	140.5	142	1.5		8
					with sericites, foliation bands); local minor pyrite.	20210	142	143.5	1.5		15
					121 Bleached "felsic" ash bands @ 55° to CA.	20211	157.1	159.5	2.4		10
					133.5 Finely layered intermediate ash @ 45° to CA.	20212	159.5	161	1.5		15
					134-143.6 Quartz-sericite-dolomitic carbonate ±py bands/alteration	20213	161	164	3.0		5
					137.5 Banding 50° to CA. 143.3 banding 50° to CA.	20214	164	165.5	1.5		10
					160-161 Quartz-sericite-carbonate alteration.	20215	165.5	167	1.5		<5
					164-171 Siliceous-carbonate rich section, light creamy yellow	20216	167	168.5	1.5		8
					colour with minor bands of dark grey intermediate tuff; minor	20217	168.5	170	1.5		9
					py; minor sericite.	20218	170	170.8	1.5		18
					180.5-184 Local strong silicification; from py.	20219	190	191.5	1.5		45
					190-193 Minor patchy pyrite mineralization.	20220	191.5	193	1.5		5
					193-200.8 Massive medium grey ash with pervasive quartz-calcite-	20221	193	194.5	1.5	1%	11
					iron carbonate alteration (weak); from to 1% f.g.-m.g.	20222	194.5	196	1.5	1%	10
						20223	196	197.5	1.5	1%	7

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
330	51	
360	51	

HOLE NO. C94-27 PAGE 3/9
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
						20224	197.5	199	1.5	1%	7
						20225	199	200.5	1.5	1%	14
200.8	205.3			8C	Quartz-Feldspar Porphyry - massive pale yellow grey with coarse,	20226	200.5	202	1.5	1%	8
					round quartz crystals; irregular lower contact, sharp ≈ 50°	20227	202	203.5	1.3	1%	15
					to CA; trace to 1% f.g.-m.g. pyrite.	20228	203.5	205	1.5	1%	20
205.3	210.3			4B	Felsic Tuff - massive, microfractured, pale green felsic ash	20229	205	206.5	1.5	1%	30
					tuff; local chlorite seams and fractures trace to 2% pyrite as	20230	206.5	208	1.5	1%	11
					disseminations in tuff and laminations when associated	20231	208	209	1.0	1%	27
					with graphite.	20232	209	210.3	1.3	1%	46
					209.6-210.3 Strong S_1/S_2 foliation with black chlorite pyrite						
					laminations and quartz-graphite breccia along with strong						
					sericite alteration.						
210.3	215.25			8C	Quartz-Feldspar Porphyry - sharp upper contact 60° to CA;	20233	210.3	212	1.7		63
					sheared, quartz veined irregular lower contact (0.1m of	20234	212	213.5	1.5		24
					chlorite-sericite-pyrite in white quartz vein)	20235	213.5	215	1.5		38

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	HOLE NO. C94-27 PAGE 3/9
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	LENGTH

SURVEY DEPTH	DIP	AZIMUTH
330	51	
360	51	

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
						20224	197.5	199	1.5	1%	7
						20225	199	200.5	1.5	1%	14
200.8	205.3			8C	Quartz-Feldspar Porphyry - massive pale yellow grey with coarse,	20226	200.5	202	1.5	1%	8
					round quartz crystals; irregular lower contact, sharp = 50°	20227	202	203.5	1.3	1%	15
					to CA; trace to 1% f.g.-m.g. pyrite.	20228	203.5	205	1.5	1%	20
205.3	210.3			4B	Felsic Tuff - massive, microfractured, pale green felsic ash	20229	205	206.5	1.5	1%	30
					tuff; local chlorite seams and fractures trace to 2% pyrite as	20230	206.5	208	1.5	1%	11
					disseminations in tuff and laminations when associated	20231	208	209	1.0	1%	27
					with graphite.	20232	209	210.3	1.3	1%	46
					209.6-210.3 Strong S_1/S_2 foliation with black chlorite pyrite						
					laminations and quartz-graphite breccia along with strong						
					sericite alteration.						
210.3	215.25			8C	Quartz-Feldspar Porphyry - sharp upper contact 60° to CA;	20233	210.3	212	1.7		63
					sheared, quartz veined irregular lower contact (0.1m of	20234	212	213.5	1.5		24
					chlorite-sericite-pyrite in white quartz vein)	20235	213.5	215	1.5		38

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-27	PAGE 4/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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
215.25	254.6			4Bl, Se	Feltic Ash Tuff - moderately foliated, locally massive pale	20236	215	216	1.0		123
					green grey to yellow; pervasive sericite-carbonate alteration;	20237	216	218	2		8
					local quartz stringer/lamination/sericite laminations	20238	218	219.5	1.5		8
					minor pyrite. 215.6 sericite S_1/S_1 laminations 55° to CA.	20239	219.5	221	1.5		12
					224.3-226.5 Dark grey to white quartz-carbonate veins, veinlets	20240	221	222.5	1.5		7
					and laminations with bright yellow sericite laminations; trace	20241	222.5	224.17	1.67		40
					to 1% pyrite. 230.4 grey-yellow ash laminations 50° to CA.	20242	224.17	225.27	1.6	1%	37
					240.5 Grey-yellow ash laminations 60° to CA.	20243	225.27	226.45	1.18	1%	36
					248.5-249.5 Lapilli-stone tuff bedded/stretched @ 55° to CA.	20244	226.45	227.45	1.5		12
					252.7-254.6 Strong bright yellow sericite-quartz alteration as	20245	227.95	229.45	1.5		37
					slightly contorted S_1 foliation @ 45° to CA. S_2 crenulation	20246	229.45	231.5	1.95		8
					weakly developed @ 65° to CA and conjugate to S_1 angle; local	20247	231.5	233	1.5		24
					graphite pyrite laminations parallel S_1 foliation; 1-2% v.fg-fg	20248	233	234.5	1.5		18
					pyrite throughout.	20249	234.5	236	1.5		22
						20250	236	237.5	1.5		14
						20251	237.5	239	1.5		56
						20252	239	240.5	1.5		7
						20253	240.5	242	1.5		61

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-27	PAGE 5/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
						20254	242	243.5	1.5		44					
						20255	243.5	245	1.5		22					
						20256	245	246.5	1.5		24					
						20257	246.5	248	1.5		6					
						20258	248	249.5	1.5		6					
						20259	249.5	251	1.5		5					
						20260	251	252.8	1.8		14					
						20261	252.8	254.62	1.82	1%	132					
254.6	258.0			4B,frag	Felsic Tuff-Breccia - grey quartz-carbonate ± black chlorite	20262	254.62	256.12	1.5	1%	23					
					matrix with sericite-rich subangular to subround lapilli to	20263	256.12	258.00	1.88	1%	17					
					bomb/block size fragments; trace to 1% pyrite throughout;											
					locally 2-3% pyrite.											
					256.4 Lapilli bedding/stretching (S_0/S_1) @ 55° to CA.											
258.0	271.2			8C	Quartz-Feldspar Porphyry - irregular sharp upper contact	20264	258	259.56	1.56		57					
					@ 80° to CA (approximately).	20265	259.56	260.0	0.44		46					
					263.3-263.4 Quartz-chlorite-sericite alteration/vein 55° to CA.	20266	260.0	261.5	1.5		76					
					266.3-268.4 Graphite-quartz-pyrite fault breccia/laminations;	20267	261.5	263	1.5		25					

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-27 PAGE 6/9
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
				Major Fault	60-70° to CA at lower contact; pyrite-quartz-graphite laminated	20268	263	264.5	1.5		74
				Zone within	folded but are generally at high angles to the CA.	20269	264.5	266.3	1.8		88
				Porphyry	266.9-267.5 Graphite fault gouge	20270	266.3	266.9	0.6	5%	512
						20271	266.9	268.4	1.5	2%	423
271.2	313.1			4B,t-lt	Felsic Ash Lapilli Ash Tuff - grey to yellow grey with strongly	20272	268.4	269.9	1.5		98
					developed S_2 at high angles to core axis. S_1 folded to generally	20273	269.9	271.4	1.5		129
					low angles to core axis or as "S" fabric between "C" S_2 surfaces;	20274	271.4	273.35	0.95	1%	408
					siliceous, graphitic, pyritic sections near upper contact with	20275	273.35	274.1	1.75	4%	457
					porphyry.	20276	274.10	275.6	1.5	2%	313
					271.2-272.3 Bright yellow sericite-quartz crenulated laminations;	20277	275.6	278	2.4		91
					trace to 1% Vfg pyrite.	20278	278	278.7	0.7		40
					272.3-274.1 Crenulated graphite-quartz-pyrite laminations	20279	278.7	281.0	2.3		21
					3-4% py; trace chalco pyrite.	20280	281	282.6	1.6		14
					274.1-278.6 Quartz veining/silicification; S_1 parallel to core	20281	282.6	284.2	1.6	5%	28
					axis; trace to 1% f.g. pyrite clay/graphite fault gouge at	20282	284.2	285.4	1.2		12
					278.5 with quartz-chlorite breccia; 2-3% py (Vfg).	20283	285.4	287	1.6		17
					278.6-310.4 S_2 foliation becomes strongly developed at 75 to 90°	20284	287	288.5	1.5		8
					to CA defined by yellow green sericite or grey black chlorite/	20285	288.5	290	1.5		5

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-27	PAGE 7/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT./LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb					
					graphite.	20286	290	291.5	1.5		<5					
					278.6-285.4 Siliceous grey ash with 2-10% pyrite between	20287	291.5	293	1.5		<5					
					282.6-284.5; minor chalcopyrite.	20288	293	294.5	1.5		5					
					310.4-311.4 Broken core strong grey sericite-quartz-graphitic	20289	294.5	296	1.5		7					
					alteration.	20290	296	297.5	1.5		6					
						20291	297.5	299	1.5		44					
						20292	299	300.5	1.5		<5					
						20293	300.5	302	1.5		8					
						20294	302	303.5	1.5		48					
						20295	303.5	305	1.5		<5					
						20296	305	306.5	1.5		12					
						20297	306.5	308	1.5		55					
						20298	308	309.5	1.5		6					
						20299	309.5	311.4	1.5		20					
						20300	311.4	313.10	1.7		12					
313.1	362			3B,lt	Intermediate Lapilli Tuff - dark grey to tan well bedded lapilli	20301	313.1	314.0	0.9		7					
					ash tuff with layers of lighter grey, finer grained, more felsic	20311	314.0	315.5	1.5		<5					
					lapilli to ash tuff. Strongly developed S_2/S_1 has been locally	20312	315.5	317.1	1.6		12					

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-27	PAGE 8/9
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS					
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SULF	Au ppb					
					linked by S_2 crenulation cleavage. Crenulation/folding of S_1	20313	317.1	318.5	1.4		<5					
					varies in scale from mm to metres. Local quartz-sericite ±	20314	318.5	320.4	1.9		<5					
					pyrite veining.	20315	320.4	321.6	1.2		<5					
					317.1 Felsic ash layer 45° to CA.	20316	321.6	322.7	1.1		<5					
					318.4-339.5 Increase in carbonate, sericite and quartz; local	20317	322.7	324.0	1.3		7					
					strong crenulation/folding of S_2/S_1; trace sulphides.	20318	324.0	325.5	1.5		6					
					324.4 2cm grey clay fault gouge 55° to CA; quartz stringers	20319	325.5	327.5	2.0		9					
					immediately adjacent to fault gouge.	20320	327.5	330.1	2.6		43					
					331.1-335 Quartz-sericite veining trace to 1% Fg pyrite.	20302	330.1	330.8	0.7		8					
					337.8-339.5 Quartz veining with minor sericite and trace pyrite.	20303	330.8	332.3	1.5		<5					
					346-347.5 Milky white quartz stringers with minor pervasive	20304	332.3	334.8	1.5			1.03				
					silicification.	20305	334.8	335	1.2		87					
					349.3 S_0 50° to CA (lapilli/ash layering).	20306	335	336.5	1.5		18					
					350-356 S_2/S_1 folded and weakly quartz veined.	20307	336.5	338.2	1.7		21					
					358-362 Yellow brown S_2 foliations 75-90° to CA; weakly to	20308	338.2	339.5	1.3		10					
					moderately developed.	20321	339.5	341.0	1.5		5					
					362 E.O.H.	20322	341.0	342.5	1.5		<5					
						20323	342.5	344.0	1.5		<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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-27 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 NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
						20324	344.0	344.55	0.55		5
						20309	344.55	346.05	1.5		14
						20310	346.05	347.55	1.5		<5
						20325	347.55	350.0	2.45		<5
						20326	350.0	351.5	1.5		<5
						20327	351.5	353.0	1.5		6
						20328	353.0	354.5	1.5		<5
						20329	354.5	356.0	1.5		5
						20330	356.0	357.5	1.5		<5
						20331	357.5	359.0	1.5		<5
						20332	359.0	360.5	1.5		5
						20333	360.5	362.0	1.5		7

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact Mines	NTS	32-D-14	CORE SIZE	BQ	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO.	C94-29	PAGE 1/8
PROPERTY	CTI. (207)	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	89	63		COLLAR AZIMUTH		180
COMMENCED	Aug. 5, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Aug. 8-11, 1994	100	61	185	COLLAR DIP		-60
COMPLETED	Aug. 10, 1994	CLAIM	9350	LOGGED BY	D. Jamieson	120	61		ELEVATION		343.232
OBJECTIVE	Tier 1 Main Zone	CO-ORDINATES	3+00W 0+80N	DDH COMMENTS		150	59		LENGTH		296m

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	84				Casing BQ solidly anchored in bedrock. NQ stuck in water seam in sand/gravel.						
84	113.9			3Bt	Intermediate Tuff - possibly altered mafic flow/interflow material with calcite-carbonate bleaching, local quartz veining and graphitic shearing.						
					84-87.9 Massive Fg grey ash tuff, trace pyrite.						
					88.0 Ash/lapilli layering 55° to CA.						
					87.9-93.6 Bleached, calcite altered ash tuff/fragmental, local, narrow silicified bands with 3-4% pyrite, local broken core, fault gouge (grey clay, fragments) at 89.3; local sulphidized microfractures.						
					93.6-94.0 Quartz-graphite-carbonate alteration with pink orange streaks of Kspar or hematite; 1-2% VFg-Fg pyrite.						
					95.5-98.0 1.2 metres lost core, clay-sericite-muddy ash gouge with quartz veining silicification of remaining core, trace to 1% pyrite.						
					98.0-99.4 Carbonate bleached, locally silicified chloritic muddy ash, up to 5% VFg pyrite locally.						
					99.4-100.3 Massive black graphite shear with clay-calcite gouge at lower contact, pyrite laminations.						

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
180	56	
200	56	180
240	55	
270	54	

HOLE NO. C94-29 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)
					100.3-108.2 Mottled, altered, massive ash with pervasive calcitic-carbonate-
					chloritic-VFg pyrite alteration, 2-3% VFg pyrite throughout.
					108.2-108.45 Quartz-graphite vein, 45° to CA.
					108.45-113.9 Muddy, silicified, weakly calcitic/dolomitic carbonatized ash-lapilli
					ash intercalcated with pyritic graphite/carbonaceous chert; 2-10% VFg-Mg pyrite
					throughout.
					109.9-110.4 Quartz-graphite vein.
113.9	121.4			5G	Massive Graphite - local modular pyrite, with local brown-weathering mineral
					increasingly silicified, calcite carbonatized and sericitized downhole;
					strong pyrite mineralization throughout unit (10%).
					117.5-121.4 Strong quartz-calcite alteration with 10-15% VFg muddy pyrite to Fg
					euhedral pyrite.
					118.8-121.4 Strong mustard yellow sericite alteration with 15% aphanitic pyrite
					intergrowths within sericite; strong multiphase silicification.
121.4	126.5			8C	Quartz-Feldspar Porphyry - sharp upper contact 35° to CA, sharp lower contact
					35° to CA. Minor quartz veinlets and pyrite throughout.

SAMPLE NO.	FROM	TO	LENGTH	% SUL.	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-29	PAGE 3/8
PROPERTY	DISTRICT	CONTRACTOR	296	52	185	COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
126.5	144			4Bt	Felsic Ash Tuff - light to medium grey, grading downhole to lapilli and lapilli
					stone tuffs, well banded local quartz eyes, relatively unaltered except at upper
					and lower contacts, S_0/S_1 40° to CA.
					126.5-128.1 Quartz-graphite-sericite alteration generally paralleling S_0/S_1, minor
					hematite alteration, 1-3% pyrite, quartz vein graphite fault gouge at 126.8.
					138.1-141 Weak silicification-sericitization.
					141-144 Quartz-graphite-sericite altered lapilli tuff; sheared graphitic matrix;
					spotty orange hematite. 3-5% pyrite locally as muddy brown VFg laminations and
					Fg disseminations. Local intense silicification with mustard yellow sericite.
144	157.7			4B. frag.	Felsic Tuff - Breccia - strongly silicified with wispy to subround pyritic fragments
					up to 1cm diameter; 1-10cm diameter felsic fragments common, with minor small
					black or yellow sedimentary fragments (subangular) weakly sericitic. 3-5% pyrite
					throughout as VFg disseminations and Fg-Mg fragments/aggregates. Upper contact
					45° to CA - sharp, crude layering, 55° to CA.
					153.5-155 Intense silicification, 4% pyrite.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gpt	Ag ppm	Zn ppm	

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-39 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)
					155-157.7 Less silicified, fewer pyritic fragments.
157.7	170.5			4B, t	Felsic Ash Tuff - light grey to yellow grey, generally massive to locally micro
					fractured with sulphidized sections, weakly developed beddding, 50° to CA.
					158-159.6 Limonite coated fractures and blotches, possibly mixed with weathered
					sphalerite.
					161.3-161.7 Quartz-graphite alteration, 2% Fg pyrite.
					162.5-164.5 Microfractured with pyrite and orange hematite,
					minor graphite, 2-3% Fg pyrite locally.
170.5	174.3			8C	Quartz-Feldspar Porphyry - quartz veined, broken upper and lower contacts.
174.3	212.8			4B,t/GQC	Felsic Ash Tuff Intercalcated with Quartz-Graphite-Carbonate - strong deformation
					/fracturing/faulting with heavy quartz veining toward the top of the unit.
					S_0/S_1 is generally at low angles to CA due to numerous F_2 fold closures intersected.
					Penetrative S_2 foliation developed locally.
					174.3-175.6 Strong sericite alteration of ash tuff with quartz-graphite-pyrite

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au gm	Ag ppm	Zn ppm	

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-29	PAGE 5/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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	Ag ppm	Zn ppm		
					toward bottom of sub unit. 3% pyrite VFg-Mg.										
					175.6-177.5 Silicification + a pyritic graphitic band, 3% pyrite.										
					177.5-177.9 Graphitic fault gouge/quartz-graphite breccia.										
					177.9-180.5 Heavy milky white quartz veining. Trace to 1% pyrite, minor										
					graphite, broken core.										
					181.6-183.7 Contorted S_1 at low angles to CA, several F_2 fold noses, moderately										
					quartz veined.										
					184.8 Strong S_1, 45° to CA.										
					183.7-190.4 Strong S_2/S_1 in lapilli ash tuff. 1% pyrite throughout, pervasive										
					grey sericite alteration.										
					190.4-195.2 Strong deformation, quartz-graphite bands and breccias;										
					3-4% pyrite as muddy wisps and laminations and 1% disseminated Mg pyrite.										
					195.2-200.8 Pale grey finely laminated dolomitized felsic ash tuff;										
					trace to 1% VFg-pyrite.										
					200.8-212.8 Felsic tuff becomes graphitic and folded with 2-3% pyrite										
					toward the top of the unit; dolomitic carbonate throughout. Weakly sericitized										
					quartz veined toward the bottom of the unit.										
					200.8 Graphite/pyrite laminations, 85° to CA.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-29	PAGE 6/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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	Ag ppm	Zn ppm
					200.8-203.5 2-3% Fg-Mg pyrite.								
					212.8 Fault gouge (graphite-clay-quartz).								
212.8	296			3B,II/4BI	Intermediate Lapilli Tuff with Minor Felsic Ash Tuff - openly folded intermediate								
					and felsic lapilli-lapilli-ash tuff.								
					212.8-245 Core angles highly variable and generally at low angles to the core								
					axis due to open folding of S_0/S_1; quartz-graphite with trace chalcopyrite at 237.4.								
					229.6-229.9 Quartz-massive graphite shear with modular pyrite.								
					240.0-241.6 Milky white quartz veins.								
					246 S_0/S_1, 40° to CA.								
					248.2 Clay fault gouge.								
					251 S_0/S_1, 50°to CA.								
					252.1-287.5 High strain typified by regular spaced brown sericite S_2 (pressure								
					solution) cleavages with S_0/S_1 fabric generally parallel to core axis.								
					254.0-256.5 Quartz veining at low angles to CA.								
					259 S_2, 65° to CA.								
					265.4-266.4 Fault gouge/broken core quartz-carbonate alteration/veining								
					(non-graphitic).								

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-29	PAGE 7/8
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					279.5-285.7 Quartz-carbonate-chlorite veining locally.										
					289.3-290.4 Felsic lapilli tuff with distinct quartz pyrite lapilli.										
					1-2% pyrite.										
					290.4-296 Medium green intermediate lapilli ash tuff.										
					291.3 Bedding in intermediate ash lapilli tuff, 60° to CA.										
					296 E.O.H.										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-29 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)
					SUMMARY
					Stratigraphy of this hole corelates well with section 2+00W. The southern QFP and
					the massive graphite-pyrite units appear to be strongly descordant in plan
					(along strike). Elevated gold values are expected in the felsics/graphitic zones
					from 113.9to 212.8. Enrichment of elevated gold values to "oregrade" values may
					occur at the 5G/QFP contact (117.5-121.4) the 4B,t/4B, fragmental contact (141-144)
					or the thick package of graphitic/quartz veined/deformed felsic on the south contact
					of the south QFP. The 4B fragmental unit in this hole is of interest due to strong
					to intense silicification of the matrix and large number of pyritic fragments.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact	NTS	32D4	CORE SIZE	BQ	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-31		PAGE 1/12
PROPERTY	CTI.	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	100	62	.	COLLAR AZIMUTH		180
COMMENCED	July 25, 1994	TWP/LAT.LONG.	Gauthier	DATE LOGGED	July 28-Aug. 4/94	120	62	.	COLLAR DIP		-59
COMPLETED	August 31, 1994	CLAIM	9350	LOGGED BY	D Jamieson	150	60	179	ELEVATION		
OBJECTIVE	Main Zone Tier 3	CO-ORDINATES	2+00W 22+60N	DDH COMMENTS		180	58	.	LENGTH		531m

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	64.1				CASING - Pulled Bw; N win Place						
64.1	286.2			2A	MAFIC FLOWS - dark green, fine to medium grained amygduloidal to gabbroic to						
					massive texture. Local strong pervasive $CaCO_3$ alteration, with numerous calcite						
					Maj. Sus. = 0.3 - 0.5 x 10^{-3} S.I.						
					64.1-67 qtz-calcite amygdules						
					67-95 gabbroic flows						
					95-106.4 massive "leucoxene speckled" weakly pyritic flows						
					106.4-111.5 strong pervasive quartz-carbonate alteration results in skeletal						
					hornblende crystals in a bleached grey matrix; possibly due to rusty fracture/faults at						
					108 and 108.7m 1% pyrite with quartz in fracture/fault zones.						
					111.5-131.5 Iron-tholeiitic flows - aphanitic to f.g.; massive; carbonate alteration						
					absent; minor quartz-calcite-epidote veinlets and healed fractures.						

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
200	58	179
240	57	
270	57	
300	56	182

HOLE NO. C94-31 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)
64.1	286.2			24	(cont'd)
					131.5-179 Massive gabbroic flow
					139.5-166.5 Porphyritic texture; chlorite pseudomorphs of hornblende up to
					0.5 cm dia.
					162-166.5 Pervasive moderate $CaCO_3$ alteration ± $FeCO_3$ results in bleached
					grey flows.
					166.5-166.9 Quartz-iron carbonate-yellow sericite vein at 85° to C.A.,
					up to 1% v.f.g. py.
					173.2-179 Weakly magnetic dark grey phase of flow.
					Mag-Sus. = 0.6-2.5x10^3 S.I. minor pervasive $CaCO_3$ alteration.
					179-181.3 Aphanitic, magnetic phase of flow mag. sus. = 0.9-5.5 x 10^3 S.I.
					181.3-193.5 Massive, f.g. amygduloidal flows amygdules are generally chlorite
					locally pyritic calcite veinlets and amygdules; amygdules show moderate strain
					50° to C.A.; non-magnetic.
					187.5 Hyalsclastite band 55° to c.a. weak pervasive $CaCO_3$ alteration throughout.
					193.5-200.3 Weakly magnetic, massive, f.g. flow Mag. sus. = 0.4 - 1.5x10^3 S.I.
					200.3-2202.5 Flow breccia/quartz veining; angular, bleached mafic fragments in
					veined/silicified matrix.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	HOLE NO. C94-31 PAGE 3/12
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	COLLAR DIP
COMPLETED	CLAIM	LOGGED BY	ELEVATION
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	LENGTH

SURVEY DEPTH	DIP	AZIMUTH
330	55	
360	55	
400	54	183
420	54	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
64.1	286.2			2A (cont'd)	202.5-233 Massive, dark green, "leucoxene specked" flow; local minor pyrite; local
					gabbroic texture; minor quartz veining Mag.sus. = 0.4 x 10^{-3} S.I.
					233-262.5 Gradation into iron tholeiitic flow with both aphanitic massive texture and
					m.g. "leucoxene speckled" texture.
					250.5-252 Weak quartz-carbonate-epidote bleaching; 1% pyrite.
					252-262.5 Strongly magnetic, massive aphanitic flow Mag.sus. up to 40x10^{-3} S.I.
					262.5-281.4 Grey-green, weakly foliated, weakly silicified, weakly pyritic, non
					magnetic mafic flows foliation 60° to C.A.; local quartz-carbonate alteration.
					281.4-282.0 Lost core.
					282.0-286.2 Bleached, weakly foliated flows with numerous bands of quartz-carbonate
					chlorite alteration.
286.2	323.1			3B,t	Intermediate Tuff - gradational contact with mafic flows; variety of textures and
					alteration/veining overprinting; finely laminated silicous ash toward top of unit grades
					into mottled, local brecciated, silicified carbonatized ash, lapilli tuff or possibly
					mafic flows. The lower section of the unit is mainly laminated graphite and pyrite;
					local strong quartz-carbonate-graphite-sericite veining with up to 5% py; trace to 1%
					pyrite throughout.

SAMPLE NO.	FROM	TO	LENGTH	% SUL.	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
450	54	
480	51	
500	48	186

HOLE NO. C94-31 PAGE 4/12
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
286.2	323.1			3B,I (cont'd)	286.2-288.3 Sporadic quartz-carbonate-sericite veining of carbonatized, silicified tuff.						
					2288.3-293 Finely laminated grey ash; minor pyrite-sericite alteration 45-55° to c.a.						
					(laminations).						
					293.7-293.8 Quartz-carbonate-graphite vein, 2% pyrite.						
					293.8-295.5 Massive yellow-tan ash, heavily micro fractured.						
					295.5-320.3 Medium grey, mottled, silicified, carbonatized intermediate ash or mafic						
					flow; local breccia or tuff-breccia; trace pyrite, trace sericite.						
					316-320.3 Increases in silicification; crude banding 55° to c.a.						
					320.3-321 Contorted graphite-pyrite-carbonate laminations generally at high angles						
					to c.a.						
					321-323.1 Crudely layered graphite-quartz-carbonate-pyrite within strongly brecciated						
					pale green ash, local pyrite-graphite laminations 35° to c.a.						
323.1	336.5			8C	Quartz-Feldspar Porphyry - light grey-green massive, hard intrusive; upper contact						
					sharp with narrow chill margin 45° to c.a.; subround quartz crystals up to 1 cm dia.						
					minor f.g. pyrite throughout; sharp lower contact 70° to c.a. Mag.sus. = 0.05-0.09						
					x 10^{-3} S.I.						
					329.15-329.25 Quartz-carbonate-graphite-pyrite vein.						

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31	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)
					332-336.5 Minor quartz-graphite-pyrite fracture fills; random orientations.
336.5	355.3			4B,UGQC	Felsic Ash Tuff Intercalated with Graphite-Quartz-Carbonate-Pyrite Units - extremely
					variable unit, strong sulphide mineralization throughout; local intense silicification
					with notable absence of quartz veining; moderate to strong sericate alteration give
					felsic tuff a yellow, well banded appearance; local modular pyrite in semi-massive
					graphite bands.
					336.5-341-6 Laminated graphite-quartz-carbonate with local sericitic felsic tuff
					laminations generally 50-60° to c.a., but are at variable low angles to c.a. at several
					possible F_2 closures. 3-5% pyrite, both as bands and disseminations.
					341.6-355.3 Silicified, laminated, sericitic, pyritic felsic tuff with numerous bands of
					graphite-quartz-carbonate; strongly developed foliation 55° to c.a. (sericite);
					disseminations and discontinuous laminations of f.g.-m.g. pyrite throughout strongly
					silicified sections. Local pink tinge may indicate potassium enrichment (344.5); 1-3%
					pyrite overall; strong silicification of samples 20374 and 20377.
355.3	356.2			8C	Quartz-Feldspar Porphyry - upper and lower contacts 60° to CA.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31 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)
356.2	361.8			4B,V/GQC	Similar to 336.5-355.3
					356.2-357.25 Laminated quartz-graphite-carbonate; 3% pyrite disseminations.
					347.25-361.8 Yellow-grey felsic ash-lapilli tuff with layers of graphite-quartz-
					carbonate-pyrite; strong silicification/pyrite mineralization from 3671-361.8.
361.8	368.5			5G	Graphite with Nodular Pyrite - semi-massive graphite with circular pyrite nodules;
					pyrite-calcite pods common; crude layering locally at 60° to c.a.
					367.7-367.9 Broken quartz-graphite core-fault? @ low angles to c.a.
368.5	374			4B,li(frag)?	Felsic Lapilli Tuff - strongly silicified, pyritic with local sericite and graphite;
					local coarse fragments; crude lapilli layering 45° to c.a.; 4-8% pyrite (v.fg to f.g.).
374	438.3			4B,t	Felsic Ash Tuff - strong S_1 and S_2 foliations, local strong silification and quartz
					veining; local strong sulphide mineralization; weak to moderate pyrite mineralization
					throughout (105%); minor graphite sections: several fault gouge/breccia sections
					(non-graphitic).
					375-376.1 Silicified mottled tan aphanitic intrusive? trace py.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-31	PAGE 7/12
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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/mt			
					376.1-385.5 Strong sulphide mineralization, including traces of chalco pyrite in quartz stringers; quartz and quartz-graphite veinlets throughout; overall strong to moderate silicification and local weak sericite alteration; strong S_1/S_2 foliation 75 to 85% c.a. local crenulated S_1 and F_2 fold closure; overall 5-10% v.f.g. to f.g. pyrite; local wisps of muddy brown semi massive v.f.g. pyrite.										
					385.5-399.4 Silicified, laminated, weakly pyritic carbonatized felsic tuff. Strong S_2 foliation at high angles to c.a. local F_2 fold closures and crenulations, weak sericite alteration, minor quartz veins and trace to 1% f.g. pyrite throughout; locally 1-2% py assoc. with weakly graphitic, silicified bands or folded discontinuous pyrite laminations.										
					399.4-413.8 Similar to above, with an increase in dolomitic carbonate alteration and friable nature; local narrow silicified, pyritic sections @ 403.5, 404.1, 405.7, 409.5; 410-411.5 Fault gauge at 401.3, 401.8, 404.3, 404.5, 413.8; 1-2% pyrite throughout.										
					413.8-418.9 Dark grey, strongly silicified and quartz veined; strong sulphide mineralization with up to 15% v.f.g. pyrite locally; moderately graphitic throughout;										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31 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)
374	438.3			4B,I	(cont'd)
					fault gauge from 414.7 to 415.1; chalcopyrite seam at 417.8; 4-8% pyrite throughout.
					418.9-438.3 Weakly to non-mineralized felsic ash tuff; quartz veined from 418.9-424
					with yellow sericite-carbonate and minor pyrite; S_1/S_2 foliation weakly contorted and
					generally 75-85% to c.a. minor bands of grey intermediate lapilli tuff; 0.5% pyrite
					overall.
438.3	492.5			3B,II/4Bt	Intermediate Lapilli Tuff Intercalated with Felsic Ash Tuff - light to medium grey
					numerous quartz veins and silicified zones; strong S_2/S_1 showing numerous F_2
					closures; S_1/S_2 is 75-85% to c.a., with crenulation and penetrative cleavage; weakly
					to non-mineralized; weak to moderate dolomitic carbonatization.
					445.4-446.6 Heavily quartz veined with minor pyrite, sericitic and chlorite; trace
					chalco pyrite.
					454.2-454.6 Quartz veining, trace pyrite.

SAMPLE NO.	FROM	TO	LENGTH	% SUL

ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31 PAGE 9/12

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					457.9-458.2 Quartz veining, moderate sericite alteration.
					460 Minor, mm scale subround pyrite "fragments" begin to occur in lapilli tuff layers;
					usually associated with calcite rich layers; minor pyritic laminations variable core
					angles, but generally between 50 and 75% c.a.
					466.3-4678.2 Heavily quartz veined, local pyrite lapilli in folded chloritic intermediate
					lapilli tuff.
					470° layering 60° to c.a.
					474.2-479.3 Minor quartz veining, weak silicification, sericitization; up to 1% m.g.
					euhedral pyrite, foliation crenulated, but generally at high angles to c.a.; weak
					dolomitic alteration of intermediate tuff
					479.3-492.5 Chloritic intermediate tuff; strongly folded; minor tan carbonatized bands
					with sericitic S_1 foliation at high angles to c.a.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31 PAGE 10/12
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
492.5	531			4B.1	Felsic Ash Tuff - strongly folded, moderate mustard-yellow sericite alteration; local quartz and quartz-chlorite veining; moderate pervasive dolomitic carbonatization.
					493.5-493.6 Quartz vein, minor chlorite/sericite.
					493.9-494.9 Chloritic tuff minor quartz veining/py.
					494.9-499.9 Moderate mustard yellow sericite/black chlorite alteration as folded laminations; local quartz veinlets 0.5-1% f.g.-m.g. pyrite.
					499.9-502.7 Strongly quartz veined, fractured and faulted section; local light orange tinge - potassic enrichment?; moderate mustard yellow sericite/black chlorite fault gauge at 500.1, 500.6 and 502.1 as crushed quartz-sericite and clay; 0.5-1% pyrite.
					502.7-508.4 Alternating bands of carbonate-rich ash and grey lapilli tuff; banding at 60° to c.a.
					508.4-518.3 Pale yellow to tan, openly folded felsic lapilli ash tuff; 0.5% pyrite.
					518.3-520.5 Heavy quartz-chlorite veining in felsic ash tuff; up to 1% pyrite.
					520.5-523.7 Heavy quartz-chlorite veining in intermediate to felsic tuff; 0.5% py; 521.9 fault gauge.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-31 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/mt			
					523.7-531 Moderately silicified felsic ash tuff with local pyritic lamination; moderately folded; up to 1% py. 531 E.O.H.										

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 COMMENTS			

HOLE NO. C94-31 PAGE 12/12

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					SUMMARY:
					This hole undercuts C94-15 on section 2 + 00W. Geological units are confirmed to
					dipping approximately 70°N. This includes a 15 metre wide quartz-feldspar
					Pending essays, the North Zone will occur between 336.5 and 355.3 metres,
					stratigraphically below the quartz feldspar porphyry and approximately in the same
					stratigraphic position as in C94-15.
					The Main Zone occurs either between 376.1-385.5 or 413-418.9, with strong sulphide
					mineralization and silicification in both zones. Moderate to strong alteration and
					sulphide mineralization occur between the two strongest zones, giving the possibility
					a wide zone with economic essays. This zone occurs in 4B.(Felsic Ash Tuff, as
					in C94-15.
					The North Zone and Main Zone are separated by a massive graphite/nodular pyrite
					unit, which may be a good stratigraphic marker horizon.

SAMPLE NO	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact	NTS	32 D/4	CORE SIZE	BQ	HOLE NO. LG94-35	PAGE 1/14
PROPERTY	Lac Gauthier/CTL	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	COLLAR AZIMUTH	180
COMMENCED	Aug. 25/94	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Aug. 28, 1994	COLLAR DIP	65
COMPLETED	Sept. 7/94	CLAIM	821260	LOGGED BY	D. Jamieson	ELEVATION	
OBJECTIVE	Main Zone Tier 5	CO-ORDINATES	Section 2+00W	DDH COMMENTS		LENGTH	706

SURVEY DEPTH	DIP	AZIMUTH
88	65	197
100	63	181
120	64	
150	64	

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	83			CASING							
83	181.4			2A	Mafic Flows - Medium to dark green, fine to moderate grained mafic volcanic flows; probably of tholeiitic affinity, massive to pillowed, non-magnetic with local amygduloidal, "leucoxene specked" or gabbroic textures. Amygdules generally quartz chlorite filled, with local hematite-pyrite-calcite amygdules, rare hyaloclastitic in upper section of unit.						
					84-88.5 Diabase dyke.						
					90-91 Red hematite-pyrite amygdules.						
					101-101.8 Quartz-sericite alteration at contact between light grey massive flow and "leucoxene speckled" dark green flow.						
					110.5-118 Patchy pyrite mineralization, local rusty fractures (iron carbonate) in foliated Mg mafic flows.						
					118-125.5 C.g.gabbroic foliated flow or carbonatized tuff.						
					129.8 - 133.5 Quartz-carbonate-sericite alteration, badly broken, fractured, vuggy contact between a dark green gabbroic flow and a light green amygdaloidal flow, trace sulphides.						
					133.5-148 Light grey green, magnesian tholeiites, generally amygdaloidal.						

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
180	61	
200	62	181
240	62	
270	60	

HOLE NO. LG94-35 PAGE 2/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
83	181.4			2A	148-181.4 Mottled, weakly to moderately silicified magnesian tholeiites; local minor pyrite. Small pillows with well developed hyaloclastitic; weak to moderate calcitic carbonate alteration as bleaching, microfracture cement or dense amygdules, purple quartz-epidote locally.
181.4	188.9			8C	Quartz-Feldspar Porphyry (Altered) - Upper section of unit has been altered to a number of unidentified minerals in a greenish pink aphonitic matrix. Phenocrysts of greenish brown, soft, slightly elongate mineral may be member of the serpentine family. Hexagonal micaceous, light yellow earthy phenocrysts may be barite. The unit has undergone weak to moderate pervasive calcitic carbonate alteration. The lower section of the unit is similar to other QFP units observed in this area, although is dark grey; coarse, round quartz-phenocryst are common.
188.9	389.5			2A	Mafic Flows - Similar to 148 to 181.4. 199.9-201.1 Quartz-carbonate, black chloritic veining, trace chalcopyrite/pyrite. 247-260.5 Flows become variolitic; hyaloclastite becomes more voluminous; local bleaching due to silicification; flow top direction may indicate tops downhole. Local quartz-chlorite amygdules; trace to 1% Mg pyrite in hyloclastite sections.

SAMPLE NO	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
300	59	185
330	59	
360	58	
400	58	187

HOLE NO. LG94-35 PAGE 3/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					260.5-290 Pillows become larger in the weakly amygduloidal tops indicating tops uphole; one thick flow with gabbroic flow centre occurs between 266.3 and 275 calcite carbonate alterations is weak to non-existant; magnetic susceptibility increases slightly to 0.3-0.6 x 10^{-3} S.I. units.
					290-293 Pillow breccia; chloritized.
					293-300 Abundant Mg-Cg quartz-chlorite amygdules (low strain).
					300-341.9 Fg to Mg massive to diabasic textured flows with two magnetic-rich sections (iron tholeiite) at 311.75-323.2 and 331.1-338.7 metres, pervasive calcium carbonate alteration.
					341.9-346.9 Chlorite porphyritic flow.
					347.5-350 Weak to moderate milky white quartz veining/silicification.
					250-372.3 Massive, Mg, "leucoxene speckled" flows with pervasive weak to moderate calcium carbonate alteration.
					372.3-376.1 Fg iron tholeiitic flow (magnetic).
					377.6-381.8 Massive, Fg, locally amygdaloidal iron tholeiitic flow (magnetic).
					381.8-388.5 Fg tholeiitic flow, locally chlorite porphyritic.
					388.5-389.5 Microbrecciated, quartz veined contact with felsic intrusive; trace pyrite.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
300	59	185
330	59	
360	58	
400	58	187

HOLE NO. LG94-35 PAGE 3/14

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% RHC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					260.5-290 Pillows become larger in the weakly amygduloidal tops indicating tops uphole; one thick flow with gabbroic flow centre occurs between 266.3 and 275 calcite carbonate alterations is weak to non-existant; magnetic suspectibility increases slightly to 0.3-0.6 x 10^{-3} S.I. units.
					290-293 Pillow breccia; chloritized.
					293-300 Abundant Mg-Cg quartz-chlorite amygdules (low strain).
					300-341.9 Fg to Mg massive to diabasic textured flows with two magnetic-rich sections (iron tholeiite) at 311.75-323.2 and 331.1-338.7 metres, pervasive calcium carbonate alteration.
					341.9-346.9 Chlorite porphyritic flow.
					347.5-350 Weak to moderate milky white quartz veining/silicification.
					250-372.3 Massive, Mg, "leucoxene speckled" flows with pervasive weak to moderate calcium carbonate alteration.
					372.3-376.1 Fg iron tholeiitic flow (magnetic).
					377.6-381.8 Massive, Fg, locally amygdaloidal iron tholeiitic flow (magnetic).
					381.8-388.5 Fg tholeiitic flow, locally chlorite porphyritic.
					388.5-389.5 Microbrecciated, quartz veined contact with felsic intrusive; trace pyrite.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-35	PAGE 4/14
PROPERTY	DISTRICT	CONTRACTOR	420	57		COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	450	56		COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY	480	54		ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	500	52	188	LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE	ASSAYS
389.5	408.2			8C	Quartz-Feldspar Porphyry - Tan to pale brown colour toward top of unit, becoming increasingly grey to grey green down hole; dominantly Mg plagioclase phenocrysts with sparse, large, subround quartz phenocrysts, weak calcium carbonate alteration; moderate chloritic fracturing; trace to 1% disseminated pyrite. Sharp lower contact 65° to CA.		
408.2	416.5			2A	Mafic Flow - Strongly magnetic, dark green, massive Mg with moderate, pervasive calcium calcite-epidote alteration; trace to 1% pyrite; possibly a gabbro or diabase dyke.		
416.5	493.3			8C	Quartz-Feldspar Porphyry - Similar to 389.5-408.2, medium grey colour, weak pervasive calcium carbonate alteration, locally weakly chloritic, trace to 1% pyrite. 415.9-416.5 Chloritic, silicified contact, minor VFg pyrite. 430-440.8 Local quartz-calcite vuggy stringers with local mottled, weakly pyritic		

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
540	52	
570	50	
600	49	192
630	48	

HOLE NO. LG94-35 PAGE 5/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					porphyry.
					439.6-440.5 Fractured, vuggy quartz-calcite veining.
					453.7-454 Vuggy, pyritic fractures.
					461.2-464 Mafic flow/intermediate ash.
					463.4-464 Silicified, pyritic bands in tuff; layering 60° to CA; 3% pyrite.
					464-467.9 Quartz-feldspar porphyry, minor fractures, silicification; upper contact
					75° to CA.
					467.9-476.5 Mg massive dark green tholeiitic mafic flow, upper contact 35° to CA,
					lower contact 60° to CA; moderate chlorite-calcite alteration.
					468.4-468.6 Patchy quartz veins, trace pyrite.
					469.8-470.3 Quartz-carbonate veins at high angles to CA.
					476.5-493.3 Quartz-feldspar porphyry; sharp upper contact with 20cm chill margin,
					60° to CA; minor pyritic fractures and quartz carbonate veinlets; quartz veined,
					pyritic lower contact.

SAMPLE NO.	FROM	TO	LENGTH	% SUL.	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
660	47	
700	46	196

HOLE NO. LG94-35 PAGE 6/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
493.3	527.5			3B.t	Intermediate Ash Tuff - Tan to light-medium grey Fg mottled layered to massive
					intermediate ash tuff; moderate to strong dolomitic carbonate alteration and locally
					weak calcite carbonate alteration; unit becomes increasingly bleached down-hole due
					to pervasive weak to moderate silicification.
					493.3-493.7 Quartz-graphite vein with 2% VFg pyrite.
					493.7-496.8 Moderate sericite alteration with numerous quartz stringers and
					graphitic pyrite laminations, parallel to foliation at 60° to CA; semi-massive pyrite-
					graphite-quartz bands at 495.2-495.4 and 496.7-496.8.
					500.5-500.9 Strongly silicified, sericitized tuff, 1-2% Mg pyrite; 505.5 S_0/S_1 @
					60° to CA.
					511.5-514.4 Massive calcite speckled mafic flow ?/dyke, sharp upper contact
					45° to CA.
					520.2 S_0/S_1 @ 55° to CA.
					522.3-523.5 Silicified, microbrecciated, 1-2% pyrite; 10cm quartz-graphite
					pyrite at lower contact (banded).
523.5	526.8			8C	Quartz-Feldspar Porphyry - Sharp lower contact 45° to CA.
526.8	530.9			4B.t	Felsic Ash Tuff - Massive to weakly bedded, dolomitic carbonatized with local

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL

ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-35 PAGE 7/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					disseminations of black weathering VFg pyrite and pyritic microfracturing; 15cm
					banded graphite-pyrite-quartz at top contact of unit; 2% pyrite overall.
					527.5-528 Quartz-sericite alteration, 3% Fg-Mg pyrite.
					530.5-530.9 Quartz-sericite alteration, 1% pyrite.
530.9	540.5			BC	Quartz-Feldspar Porphyry - Sharp upper contact, irregular but approximately 80°
					to CA, lower contact unclear.
					532.75-533.1 Quartz-sericite alteration, minor graphite-pyrite; bleaching at QFP
					contacts.
					534.9-535.2 Irregular white quartz-carbonate mass.
					536.9-537.3 Graphite-pyrite-quartz alteration as bands and breccia. 3% pyrite
					aggregations/bands/nodules.
					537.3-538.9 Graphite fracturing in QFP, with banded graphite-pyrite-quartz from
					538.2-538.5.
					538.9-540.5 Strong quartz-graphite-sericite alteration with muddy brown pyrite
					laminations and breccia fragements, banding slightly contorted but generally 60-70°
					to CA.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-35 PAGE 8/14

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
540.5	561.8			4B,UGQC	540.5-542.1 Strongly silicified with disseminated black, VFg pyrite, Mg pyrite
					stringers and minor muddy brown pyrite laminations, 3% pyrite overall.
					542.1-551.1 Creamy tan, strongly dolomitic carbonatized felsic ash tuff; S_0/S_1 60°
					to CA, weak sericite alteration, 1-2% pyrite as Fg-Mg disseminations, disseminations
					laminations and patchy aggregates, locaiy muddy brown VFg pyrite.
					551.1-555.2 Strongly banded graphite-quartz-pyrite alteration, S_1/S_2, 60° to CA;
					3-4% pyrite overall as nodules and pyritic fragments, muddy brown pyrite laminations
					and minor VFg dissemiantions, contacts with tan dolomitized tuff exhibits flame
					structure of graphite material intruding dolomitic tuff; "flames" and contacts 60°
					to CA.
					555.2-558 Sericitized, silicified banded dolomitized felsic ash tuff with local
					"granular texture" (crystal tuff?) from 556.8-557.7; silicification locally intense,
					1% pyrite overall as VFg disseminations, muddy brown pyrite laminations and black
					weathering disseminations; 60° to CA.
					558-559.6 Moderately to intensely silicified, locally graphite laminations, 60° to CA
					2-3% pyrite as VFg disseminations and muddy brown laminations; minor Mg pyrite
					laminations and Fg pyrite black disseminations/streaks; generally dolomitized.
					559.6-560.8 Massive dolomite, sericite ash tuff; trace fuchsite; 1-2% pyrite, Fg

SAMPLE NO	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-35	PAGE 9/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					disseminations, minor quartz-carbonate stringers.										
					560.8-561.8 Silicified graphite-quartz-pyrite alteration, minor sericite, 2-3% pyrite										
					as nodules, VFg dissemiantions and muddy brown pyrite laminations; weakly										
					crenulated laminations, 60-70° to CA.										
561.8	565.1			8C	Quartz-Feldspar Porphyry - Sharp upper contact 85° to CA, diffuse, quartz veined										
					lower cotact; 1-2% Fg pyrite as disseminations associated with minor quartz-carbonate										
					stringers in upper section of porphyry.										
					564.1-565.1 Heavy quartz-carbonate veining with 1% Fg pyrite; graphitic toward										
					lower contact.										
565.1	587.5			4B,1	Felsic Ash Tuff - Finely laminated, creamy grey, dolomitized tuff; upper section										
					heavily faulted, quartz veined and mineralized.										
					565.1-565.2 Graphitic fault gouge.										
					565.2-567.2 Very heavy quartz veining and strong graphite-quartz-pyrite alteration										
					with local graphite fault gouge and slips. 4-5% pyrite overall as muddy brown										
					laminations; Fg disseminations.										
					567.2-571.0 Heavy milky white quartz-carbonate veining with grey silicified										

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-35 PAGE 10/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					inclusions of pyritic sericitic ash tuff. 570-570.2 6% muddy brown pyrite; 2-3%
					pyrite overall.
					571.0-574 Smoky grey quartz veining/silicification, locally graphitic; local multiple
					quartz vein stages; local zones of banded semi-massive pyrite. 572.2-572.4 6-8%
					overall mainly as VFg muddy brown stringers/bands.
					574-578 Heavy milky white quartz-carbonate veining in pyritic grey green ash tuff;
					local pink-orange tinge to veins, 2-3% VFg disseminated pyrite.
					578-578.2 Graphitic fault gouge.
					578.2-582.7 Dolomitized felsic ash tuff with local quartz-graphite-pyrite bands at
					578.5 and 579.2; 1-2% pyrite overall; banding 55° to CA.
					582.7-583.8 Silicified, graphite crenulated tuff; 2-3% VFg disseminated pyrite.
					583.8-584.8 Weakly mineralized felsic ash tuff; layering 65° to CA.
					584.8-587.5 Heavy milky white quartz carbonate veining.
					586.75-587.5 Quartz-carbonate vein with strong pyrite mineralization, local graphite
					and orange tinges; 5% pyrite overall.
587.5	589.7			4B, frag.	Felsic Lapilli-Stone Tuff - Locally silicified, pyritic fragmental; matrix supported
					with angular pyrite and porphyritic intermediate fragmenets; local strong S_1 (yellow

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-35 PAGE 11/14
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					sericite) foliations, 75-80° to CA.
589.7	632.5			3B,I/4B,I	Intercalated Intermediate and Felsic Ash Tuffs - strongly deformed with numerous
					fold noses; S_1 generally 60-65° to CA, with erratic development of S_2 foliations
					(yellow sericite) generally 75-85° to CA; weak to moderate pervasive dolomite
					carbonate alteration grades downhole to weak calcite carbonate alteration.
					589.7-591.25 Massive dark grey intermediate coarse ash tuff.
					591.25-605 Layering dominated by creamy tan dolomitic felsic tuff.
					605-632.5 Layering dominted by light grey intermediate tuff; numerous fold noses
					and tight folds; penetrative S_2 sericite foliation, 70-90° to CA.
					617.3-617.9 Milky white quartz-carbonate vein.
					624.1-624.3 Milky white quartz-carbonate vein.
					624.3-628 Irregular, folded milky white quartz-carbonate veining, generally parallel
					to S_1 folds.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb				

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-35 PAGE 12/14

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
632.5	706			3B, lt	Intermediate Lapilli Tuff - Dark grey green, well bedded, locally strongly folded;
					local contorted quartz veined dolomitized sections and quartz veined, chloritic,
					pyritic sections. Weak pervasive calcitic carbonate alteration with calcite in
					quartz veins.
					634.5 Slightly crenulated S_0/S_1, 60° to CA.
					640.3-640.5 Quartz-carbonate vein 90° to CA; 5% pyrite.
					640.8-641.4 Clay fault gouge/broken quartz, 85° to CA.
					614.4-647.1 Heavy quartz-carbonate-sericite veining in strongly chloritized tuff.
					3-5% pyritic aggregates locally in chloritic ± sericitic; 2% pyrite overall.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL

ASSAYS Au ppb				

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-35	PAGE 13/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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
					variable S_0/S_1 locally strongly crenulated.						
					647.1-652 Strong S_2 @ 80° to CA; strongly crenulated S_0/S_1; 1-2% folded pyritic						
					lapilli; 652.5 tight folds with S_2 45° to CA.						
					649.5-652 Heavy quartz-carbonate veining with sericitic wall rock fragments; trace						
					VFg pyrite.						
					652-656.5 Beige-pink bands/sericite-hematite?) with moderate quartz-carbonate						
					veining, openly folded with local laminated mylonitic texture, 80-85° to CA. Trace						
					to 1% pyrite.						
					656.5-706 Strongly developed moderately open to tight, folding, with S_2 axial						
					planer foliation, 75-85° to CA. Quartz veining and veinlets generally parallel						
					S_2 foliations; yellow sericite defines S_2 penetration and S_0/S_1 foliations (locally);						
					sparse pyrite mineralization.						
					667.5 20 cm quartz-carbonate vein.						
					673.5 10cm quartz-carbonate vein.						
					675.3-675.5 Quartz-carbonate-sericite vein.						
					697.3-698.7 Heavy quartz-carbonate veining, trace pyrite.						
					701.4 Trace chalcopyritic in 2cm quartz-chlorite veinlets.						

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-35	PAGE 14/14
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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				
					706 E.O.H.										

DIAMOND DRILL LOG

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

COMPANY	Sudbury Contact Mines Ltd.	NTS	32-D-4	CORE SIZE	BQ	HOLE NO	LG94-43
PROPERTY	Little	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	COLLAR AZIMUTH	180
COMMENCED	Oct. 4/94	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Oct. 5-9/94	COLLAR DIP	-55
COMPLETED	Oct. 8/94	CLAIM	37341	LOGGED BY	David Jamieson	ELEVATION	
OBJECTIVE		CO-ORDINATES	L12+00E/0+25N	DDH COMMENTS	0-265m Little, 265-331m Lac Gauthier	LENGTH	331.0m

SURVEY DEPTH	DIP	AZIMUTH
18m	54°	192°
30	55°	
60	54°	
100	54°	192°

PAGE 1/6

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	6.7				CASING						
6.7	81.4			2A	MAFIC FLOWS - medium green, fine grained, non-magnetic flows;						
					weak sporadic calcium-carbonatized sections.						
					34.5-36 Broken core (fracture zone).						
					37.1-37.6 Broken core (fraction zone).						
					64-80 Gradual increase of dolomite carbonatization; flows become	22851	75	76.5	1.5	0.5	<5
					lighter in colour and are weakly foliated, 45-55° to CA.	22852	76.5	78.0	1.5	0.5	<5
					80-81.4 Flows are sheared 70-80° to CA with quartz-graphite-	22853	78.0	79.5	1.5	0.5	<5
					sericite alteration.	22854	79.5	81.4	1.9	0.5	<5
81.4	95.2			4B,I/GQC	PELSIC ASH TUFF/GRAPHITE-QUARTZ-CARBONATE - local strong quartz	22855	81.4	82.5	1.1	1	94
					veining or quartz-breccia; minor local folding, S_2/S_1 laminations/	22856	82.5	84.1	1.6	2	60
					cleavage generally 55-65° to CA. Specks of yellow brown sphalerite?	22857	84.1	85.6	1.5	2	9
					in quartz veinlets.	22858	85.6	87.05	1.45	1	6
					81.4-81.7 Graphitic fault gouge with granite and quartz fragments.	22859	87.05	88.7	1.65	1	10
					81.7-86.75 Heavy quartz veining/quartz graphite breccia; patchy orange	22860	88.7	90.2	1.5	0.5	<5
					Kspar tinges/specks.	22861	90.2	91.7	1.5	0.5	14

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
120	54	
150	54	
180	54	
200	54	197

HOLE NO. LG94-32	PAGE 2/6
COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb
					84.8 - Chalcopyrite blebs; golden brown sphaleritic, light grey folded pyritic tuff	22862	91.7	93.2	1.5	1	5
					with 5% VFg pyrite, 1-2% pyrite throughout section as VFg disseminations, muddy	22863	93.2	95.2	2.0	2	37
					brown pyrite.						
					86.75-87.9 Heavily graphitic section from 87.1-87.9, graphitic slips/broken core.						
					87.9-93.2 Beige to grey aphanitic ash tuff, lower section moderately silicified						
					with narrow (1.2cm) bands of strong silicification, 0.5-1% pyrite mineralization.						
					93.2-95.2 Bands of quartz-graphite-carbonate with 1-2% VFg-Fg pyrite.						
					95.2-97 Aphanitic grey laminated tuff, dolomitized, minor silicification, minor						
					laminations, Fg-Mg pyrite(1%), S_0 = 60° to CA.						
95.2	149			4B,t	FELSIC ASH TUFF - light grey finely lamianted, local strong deformation where	22864	95.2	6.31.1	1.1	0.5	950
					undeformed, S_1 = 55-65°to CA. F_2 fold axes and penetrative S_2 tend to be at high	22865	96.3	97.8	1.5	1	802
					angles to the core axis (75-85°). Generally non-mineralized with weak to moderate	22866	97.8	99.3	1.5	0.5	182
					calcite and dolomitic carbonatization.	22867	99.3	100.8	1.5	0.5	900
					105.1-107.2 Minor quartz-graphite alteration at low angles to the core axis, 1-2%	22868	100.8	102.4	1.6	0.5	139
					Fg-Mg pyrite.	22869	102.4	103.9	1.5	0.5	11
					123.3-125 Weakly silicified, tight drag folds, minor local pyrite mineralization.	22870	103.9	105.5	1.6	1	38
					128.5-130.9 Milky white, weakly chloritic quartz veining/flooding with minor	22871	105.5	107	1.5	1	752

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-43	PAGE 3/6
PROPERTY	DISTRICT	CONTRACTOR	240	54		COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED	270	53		COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY	300	53	199	ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS	330	54		LENGTH	

INTERVAL M ☐ Ft ☐		% REC	% RQD	LITHOTYPE	DESCRIPTION	SAMPLE					ASSAYS				
FROM	TO				GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)	SAMPLE NO.	FROM	TO	LENGTH	% SUL	Au ppb				
					pyritic laminations and disseminations.	22872	107	108.5	1.5	0.5	30				
					134.5-139.8 Strongly folded pyritic quartz-graphite, 1-2% Fg-Mg pyrite with	22873	108.5	110	1.5	0.5	13				
					laminations of muddy brown pyrite from 138.75-13893 (2-3% pyrite) weak pervasive	22874	110	111.5	1.5	0.5	27				
					silicification locally, trace cpy, sph.	22875	111.5	113	1.5	0.5	17				
					138.-149 Felsic to intermediate tuff; strong deformation locally, moderate quartz	22876	113	114.6	1.6	0.5	18				
					veining, local disseminated Mg-Cg pyrite; local pyritic lapilli.	22877	114.6	116.1	1.5	0.5	25				
						22878	116.1	117.7	1.6	0.5	16				
149	166.2			GQC/5A	GRAPHITE-QUARTZ-CARBONATE - strongly deformed, locally silicified, finely	22878	117.7	119.2	1.5	0.5	12				
					laminated graphitic tuffs or sediments with localy heavy quartz veining, local minor	22879	117.7	119.2	1.5	0.5	12				
					laminations of muddy brown pyrite (161.5); chalcophyrite speck at 166.1.	22880	119.2	120.7	1.5	0.5	<5				
					F_2 fold axes and local penetrative S_2 are parallel and somewhat variable but are	22881	120.7	122.2	1.5	0.5	<5				
					generally 45 to 60° to CA. Non-graphitic sections exhibit weak calcium	22882	122.2	123.7	1.5	0.5	13				
					carbonatization.	22883	123.7	125.2	1.5	1	9				
						22884	125.2	126.8	1.6	0.5	<5				
166.2	212.6			4B,t	FELSIC ASH TUFF - Moderate calcium carbonatization; intercalated sections of	22885	126.8	128.3	1.5	0.5	6				
					undeformed/strongly deformed tuff generally non-mineralized, grades downhole into	22886	128.3	129.8	1.5	0.5	32				
					3B,lt.	22887	129.8	131.3	1.5	0.5	19				
					167.3-169 2-3% pyrite mineralization in grey felsic tuff as fine modules, elliptical	22888	131.3	132.9	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. LG94-43	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 COMMENTS				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					
					to folded fragments and local muddy brown pyrite laminations associated with	22889	132.9	134.4	1.5	0.5	35					
					quartz stringers (167.9).	22890	134.4	135.9	1.5	2	189					
					174 S_2 strongly developed as penetrative and crenulation cleavages at 65° to CA.	22891	135.9	137.4	1.5	3	874					
					180.6 S_2 similar to 174m = 70° to CA.	22892	137.4	139.0	1.6	1	61					
					184.6 Contact between high and low strain zones, 45° to CA; parallels average of	22893	139	140.5	1.5	1	72					
					undeformed S_0/S_1, foliations.	22894	140.5	142	1.5	0.5	<5					
					185.7-193 Weak S_2 crenulations local 60° to CA and conjugate to S_1; S_1 30-40°	22895	142	143.5	1.5	0.5	<5					
					to CA.	22896	143.5	145.1	1.6	0.5	14					
					193.2 S_0/S_1 = 40° to CA, unit becomes increasingly fragmental.	22897	145.1	146.5	1.4	0.5	5					
					199.3 S_0/S_1 = 35° to CA.	22898	146.5	148.1	1.6	0.5	10					
					206.8 S_0/S_1 = 40° to CA.	22899	148.1	150.0	1.9	1	13					
					211.2 S_0/S_1 = 45° to CA.	22900	150.0	151.2	1.2	1	17					
						22901	151.2	152.7	1.5	1	20					
212.6	331			3B,lt	INTERMEDIATE LAPILLI TUFF - well bedded weakly to locally strongly	22902	152.7	154.2	1.5	1	16					
					deformed; moderate to strong calcium carbonatization; local development of	22903	154.2	155.7	1.5	1	13					
					penetrative yellow sericite S_2 foliation generally at high angles to the CA.	22904	155.7	157.3	1.6	1	41					
					Minor quartz-carbonate veining/flooding; non-mineralized.	22905	157.3	158.8	1.5	1	19					
					216.8-217.8 Weak silicification/quartz flooding - sericite alteration.	22906	158.8	160.3	1.5	1	54					

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. LG94-43	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 COMMENTS				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
					220.8 Local S_2 = 70° to CA, penetrative sericite.,	22907	160.3	161.8	1.5	1	27
					226.6 S_0/S_1 = 40° to CA.	22908	161.8	163.4	1.6	1	53
					230.3 S_2 = 80° to CA, penetrative sericite.	22909	163.4	164.9	1.5	1	125
					236.6 S_0/S_1 = 45° to CA.	22910	164.9	166.2	1.3	1	44
					243.3-243.7 Quartz-carbonate-sericite veining.	22991	166.2	167.3	1.1	0.5	25
					244.1-247.35 Quartz-carbonate-sericite veining.	22912	167.3	169.4	2.1	2	232
					249.2 Clay-fragment, fault gouge.	22913	169.4	170.9	1.5	0.5	19
					254.8-255.3 Quartz-sericite flooding, minor graphite clay fault gouge at 255.3.	22914	170.9	172.5	1.6	0.5	16
					246.3 S_2 = 80° to CA, penetrative sericite.	22915	243.3	244.2	0.9	0.5	8
					260.5 S_2 = 80°-85° to CA, penetrative sericite.	22916	244.2	245.7	1.5	0.5	5
					272.7-273.5 Folded quartz-carbonate veining.	22917	245.7	247.2	1.5	0.5	22
					280.2 S_2 = 85° to CA, penetrative sericite.	22918	247.2	248.7	1.5	0.5	13
					284.7 S_2 = 85° to CA, penetrative sericite.	22919	248.7	250.2	1.5	0.5	5
					294.3 Weakly developed S_2 penetrative sericite foliation 35° to CA.	22920	250.2	251.8	1.6	0.5	<5
					304-312 Strong deformation with locally developed s & c chlorite sericite alteration	22921	251.8	253.3	1.5	0.5	<5
					penetrative sericite S_2 80-90° to CA.	22922	253.3	254.8	1.5	0.5	<5
					312-331 undeformed, massive to weakly bedded dolomitzed dark grey green	22923	254.8	256.3	1.5	0.5	8
					intermediate ash tuff, poorly defined bedding, 35° to CA.	22924	256.3	257.9	1.6	0.5	<5
						22925	257.9	259.4	1.5	0.5	7

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. LG94-43 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
						22926	259.4	260.9	1.5	0.5	7
						22927	260.9	262.4	1.5	0.5	8
						22928	262.4	264	1.6	0.5	<5
						22929	264	265.5	1.5	0.5	<5
						22930	265.5	267.0	1.5	0.5	53
						22931	267.0	268.5	1.5	0.5	<5
						22932	268.5	270	1.5	0.5	<5
						22933	270	271.5	1.5	0.5	18
						22934	271.5	273.1	1.6	0.5	6
						22935	273.1	274.6	1.5	0.5	<5
						22936	274.6	276.2	1.6	0.5	15
						22937	276.2	277.7	1.5	0.5	6
						22938	277.7	279.2	1.5	0.5	62
						22939	303.6	305.1	1.5	0.5	<5
						22940	305.1	306.6	1.5	0.5	<5
						22941	206.6	308.1	1.5	0.5	6
						22942	308.1	309.7	1.6	0.5	<5
						22943	309.7	311.2	1.5	0.5	<5
					331 E.O.H.	22944	311.2	312.7	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	HOLE NO. C94-45	PAGE 1/11
PROPERTY	CTL	DISTRICT	Larder Lake	CONTRACTOR	Bradley Bros.	COLLAR AZIMUTH	180
COMMENCED	Sept. 12/94	TWP/LAT.LONG.	Gauthier	DATE LOGGED	Sept. 23-Sept. 28/94	COLLAR DIP	-64°
COMPLETED	Sept. 26/94	CLAIM	9350	LOGGED BY	D. Jamieson	ELEVATION	
OBJECTIVE	Tier 3	CO-ORDINATES	L3+00W 2+50N	DDH COMMENTS		LENGTH	500m

SURVEY DEPTH	DIP	AZIMUTH
100	66	183
120	66	
150	66	
180	66	

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
0	76				Casing-NQ 10' in bed rock and frozen; BQ removed.
76	262			2A	Mafic Flows - Medium to dark green flows with a variety of
					textures; aphanitic to medium grained massive jabbroic to
					"leucoxene specked"; pervasive weak to strong calcium carbonate
					alteration; strongly magnetic iron tholeiitic flows common.
					79 Broken rusty core (fault).
					80.2-80.4 Broken earthy core (fault).
					80.5-83.4 Quartz feldspar porphyry dyke - upper contact 15° to
					CA.; lower contact 45° to CA.; grey matrix with diffuse sparse
					feldspars and numerous large quartz phenocrysts; narrow sheared
					contacts.
					83.4-111.2 Fe-tholeiitic flow-strongly magnetic locally diabasic
					skeletal horn blend texture; silicified lower contact.
					111.2-117.1 Chlorite porphyritic non-magnetic flow; chlorite
					pseudomorphs hornblende.
					117.1-122.3 Moderately strained, iron carbonatized flow; minor
					local quartz-carbonate veining with traces fuchsite and Vfg
					pyrite; foliation 45° to CA.

SAMPLE SAMPLE NO.	FROM	TO	LENGTH	% SUL.	ASSAYS Au ppb			Cu ppm	

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH
200	65	189
240	65	
270	65	
300	64	194

HOLE NO. C94-45 PAGE 2/11

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			Cu ppm	
					122.3-140 Non-magnetic Fg massive flow.										
					140-144.6 Gabbroic Fe-tholeiitic flow; strongly magnetic.										
					144.6-147 Coarse quartz-calcite amygduloidal Fe-tholeiotic flow.										
					147-152.5 Massive Fg Fe-tholeiitic flow.										
					152.5-200 Weakly to non-magnetic, calcitic flows with local										
					quartz or chlorite amygdules; local-hyaloclastite numerous,										
					patchy calcite stringers.										
					200-217 Strongly magnetic, aphanitic to gabbroic Fe-tholeiitic										
					flows; non-carbonatized.										
					217-239 Weakly to non-magnetic, non-carbonatized Mg gabbroic flow										
					239-257 Moderately magnetic, weakly calcium carbonatized massive										
					aphanitic to Fg Fe-tholeictic flows; bands of quartz-carbonate										
					veining generally at high angles to CA.										
					257-262 Amygduloidal, weakly calcium carbonatized non-magnetic,										
					weakly strained flow.										

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
330	64	
360	63	
400	62	198
420	62	

HOLE NO. C94-45 PAGE 3/11
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
262	290			3B,I	Intermediate Tuff - Light green, weak to moderate dolomitic
					carbonatization (ferroan dolomite) locally moulded by quartz-
					carbonate flooding; upper contact 45° to CA.
					268.7 Ash bedding 50° to CA.
					287.2-287.8 Quartz-carbonate-sericite vein/breccia; 2% pyrite.
290	313.8			2A	Carbonatized Mafic flows - Grey, dolomitized, amygduloidal flows
					(quartz-calcite amygdules); abundant calcite stringers and
					gashes; patchy local black chloritic silicification with
					associated Fg-Mg pyrite mineralization; local bands/laminations
					of Vfg disseminated and muddy brown pyrite mineralization.
					291.4 Pyritic shear banding 40° to CA.
313.8	317.6			8C	Quartz Feldspar Porphyry - Grey matrix becomes pink toward lower
					contact; upper contact 45° to CA; lower contact 50° to CA.
317.6	323.7			GQC	Graphite-Quartz-Carbonate - Laminated, black graphite quartz-
					pyrite with minor carbonatized felsic tuff layers, local

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb			Cu ppm	

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 COMMENTS	

SURVEY DEPTH	DIP	AZIMUTH
450	62	
480	60	
500	60	200

HOLE NO. C94-45 PAGE 4/11

COLLAR AZIMUTH	
COLLAR DIP	
ELEVATION	
LENGTH	

INTERVAL M ☐ Ft ☐ FROM	TO	% RBC	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					nodular pyrite.
					317.9 Banding 40° to CA.
					318.1-319.9 Micro brecciated massive felsic ash or felsic dyke.
					319.9-320.4 Strong silicification/pyrite mineralization.
					322.6 Banding 50° to CA.
323.7	335			4B,I	Felsic Ash - Silicified, mottled, moderately dolomitized; poorly
					preserved bedding generally at 55° to CA; generally non-
					mineralized; sericitic S_2 foliations locally 55° to CA.
					334.3 "Shredded" quartz carbonate stringers 55° to CA;
					2% Vfg-Fg pyrite.
335	340.3			4B,I/GQC	Intercalated Massive Felsic Ash/Graphite-Quartz-Carbonate -
					sericitic ribbon textured graphite-quartz-carbonate shears at
					50° to CA. within massive ash/crystal tuff; local strong
					silicification with muddy brown pyrite laminations and
					disseminations; 2-3% pyrite in graphitic sections.
					335-336.6 Dominantly mineralized graphitic shears.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/mt		Cu ppm	

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-45	PAGE 5/11
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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 g/mt		Cu ppm	
					336.6-337.5 Dominantly unmineralized ash/crystal tuff.										
					339.5-340.3 Dominantly mineralized, silicified graphitic shears.										
340.3	346.7			4B,lt	Felsic Lapilli Tuff - silicified, sericitized, fragmental;										
					porphyritic and pyrite fragments; crude layering/sericitic										
					foliation 45-50° to CA.										
346.7	350.1			GQC	Graphite-Quartz-Carbonate - Slight fragmental texture, with										
					shear foliation 50° to CA.; minor muddy brown pyrite laminations										
					at upper contact; 2-3% pyrite throughout.										
350.7	388.8			4B,lt	Felsic Lapilli Tuff - Similar to 340.3-346.7 with increase in										
					pyritic fragments; moderately silicified throughout; crude										
					layering and weak sericitic S_1 foliation 50-60° to CA.; 1-3%										
					pyrite throughout as fragments and Fg-Mg patchy aggregates.										
					384-386.1 Ash to lapilli ash tuff with two 5-10cm graphite-										
					quartz-pyrite shears at 55-65° to CA.										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-45	PAGE 6/11
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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		Ag ppm	Cu ppm	
350.7	388.8			4B,lt (cont'd)	386.1-388.8 Massive ash, chilled intrusive, mottled, dolomitized,										
					Fg, weakly silicified, with diffuse pale green fuchsite or										
					epidote throughout (5-10%); weak pyrite mineralization; local										
					quartz carbonate "shredded" veinlets.										
388.8	390.9			8C	Quartz Feldspar Porphyry - Upper contact = 45° to CA; weakly										
					to moderately silicified, with up to 7% pyrite locally.										
390.9	466.3			4B,UGQC	Deformed and Altered Felsic Ash Tuff with Graphite-Quartz-										
					Carbonate Bands - Local strong silicification sulphide										
					mineralization to dolomitized, strongly folded ash tuff.										
					390.9-392 Silicified, dolomitized felsic ash with sericitic										
					foliations 60° to CA at upper contact, 2-3% Vfg-Fg pyrite										
					disseminations throughout.										
					392-393.4 Silicified, orange spotted (K-spar) graphitic fault										
					zone; 392.7-393.4 graphitic fault gouge.										
					393.4-401 Strongly folded dolomitic ash tuff with numerous bands										
					of graphitic siliceous pyrite alteration traces Fg-Mg										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. 94-45	PAGE 7/11
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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 g/mt	Ag ppm	Cu ppm	
					arsenopyrite at 393.6; chalcopyrite speck at 397.2;										
					patchy orange K-spar in strongly quartz flooded										
					sections; 4-8% pyrite throughout; 400.5-400.9 graphite-quartz										
					flooding at 400.85; local muddy brown laminations										
					or pads of Vfg pyrite.										
					401-416 Intensely folded dolomitic ash tuff, with F_3 fold axes										
					and S_3 crenulations generally 65-75° to CA; F_1 highly variable,										
					but appears to be 40-45° along limbs of F_3 folds; numerous Fg										
					pyrite laminations; local light pink tinge (K-spar).										
					416-425.9 Felsic tuff becomes weakly to locally moderately										
					graphitic; penetrative S_3 foliation becomes more pronounced at										
					65° to CA; 1-3% Vfg-fg pyrite disseminations and minor muddy										
					brown pyrite laminations associated with local graphitic sections.										
					425 9-430 Graphite-quartz-carbonate, with a band of felsic ash										
					tuff from 428.1-429.1; orange K-spar at 427.8;										
					2-4% pyrite throughout as FG laminations and										
					disseminations; minor quartz-carbonate veining with traces										
					chalcopyrite; local strong folding/crenulation; overall moderate										

DIAMOND DRILL LOG

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

COMPANY	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	HOLE NO. C94-45	PAGE 8/11
PROPERTY	DISTRICT	CONTRACTOR				COLLAR AZIMUTH	
COMMENCED	TWP/LAT.LONG.	DATE LOGGED				COLLAR DIP	
COMPLETED	CLAIM	LOGGED BY				ELEVATION	
OBJECTIVE	CO-ORDINATES	DDH COMMENTS				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/mt	Ag ppm	Cu ppm
					pervasive silicification; grey clay fault gouge at lower contact									
					55° to CA.									
					430-436.4 Strongly deformed felsic tuff; S_2 = 60°; F_2 fold axes =									
					60°; local development of 'S' & 'C' structures; minor quartz									
					veinlets/pyrite mineralization up to 1%.									
					436.4-439.3 Local strong silicification/graphitic shears pyrite									
					mineralization; 3-4% pyrite; quartz veining/flooding and quartz-									
					graphite "ribbon" texture; strong deformation S_2 60-70° to CA;									
					local muddy brown pyrite.									
					439.3-445.6 Strongly deformed felsic tuff; S_2 = 60-70° to CA;									
					2-3% Vfg disseminated pyrite; local quartz veins with rare									
					chalcopyrite/honey sphalerite specks; minor bands of quartz-									
					graphite "ribbon" texture and local muddy brown pyrite laminations.									
					445.6-453.9 Strongly deformed, silicified, pyritic quartz graphite									
					carbonate; 3-7% Vfg-fg disseminated and muddy brown laminated									
					pyrite; numerous fold noses at low core angles with fold axes and									
					penetrative S_2 foliation 55-65° to CA; very Fg chalcopyrite									
					associated with strongly silicified sections;									

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-45 PAGE 9/11

COLLAR AZIMUTH

COLLAR DIP

ELEVATION

LENGTH

INTERVAL M ☐ Ft ☐ FROM	TO	% REC.	% RQD	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration, etc)
					minor quartz carbonate veinlets/gashes.
					453.9-466.3 Strong deformed felsic ash tuff locally graphitic
					matrix; moderately quartz veined; generally non-mineralized; grey
					clay/fragment fault gouge at 456.5 60° to CA and 457 45° to CA;
					quartz veins/veinlets generally 45-60° to CA.
466.3	500			3B.t	Intermediate Ash Tuff - Local strong deformation, with incipient
					development of "S" & "C" structures; S_1 where relatively undeformed
					is 45° to CA, with S_2 penetrative and crenulation cleavages 60-85°
					to CA and highly variable S_1 where folded.
					472.0-472.3 Graphite-quartz fault gouge.
					485.8-487.3 Heavy quartz-carbonate veining; minor pyrite.
					500 E.O.H.

SAMPLE NO.	FROM	TO	LENGTH	% SUL	ASSAYS Au ppb	Au g/mt			

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-45 PAGE 10/11

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	% RUL	ASSAYS Au ppb				

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 COMMENTS

SURVEY DEPTH	DIP	AZIMUTH

HOLE NO. C94-45 PAGE 11/11

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				ASSAYS Au

APPENDIX "C"
ASSAYS

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUEBEC) J9X 5C6 TÉL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0481-RG5

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. KEVIN MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12167	5		
12168	15		
12169	16	15	17
12170	4		
12171	4		
12172	3		
12173	3		
12174	2		
12175	2		
12176	2		
12177	6		
12178	3		
12179	3		
12180	5	3	6
12181	4		
12182	5		
12183	5		
12184	6		
12185	5		
12186	4		

Certifie par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUEBEC) J9X 5C6 TEL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0481-RG6

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. KEVIN MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12187	2		
12188	33		
12189	7		
12190	6		
12191	6		
12192	4	4	3
12193	5		
12194	36		
12195	4		
12196	30		
12197	4		
12198	1		
12199	2		
12200	4		
12201	1	1	1
12202	1		
12203	2		
12204	4		
12205	1		
12206	2		

Certifie par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TÉL.: (819) 797-4853 FAX: (819) 797-4501

Certificat/Certificate

4R-0481-RG7

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. KEVIN MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12207	94		
12208	78		
12209	12		
12210	5	5	5
12211	7		
12212	14		
12213	9		
12214	6		
12215	6		
12216	4		
12217	3		
12218	<1		
12219	3	2	4
12220	7		
12221	2		
12222	4		
12223	1		
12224	1		
12225	6		
12226	1		

Certifie par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TÉL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0472-RG1

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. K. MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-29-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB	AU CKS PPB	AU g/tonne	AU g/tonnw
12756	7					
12757	2					
12758	4					
12759	2					
12760	2					
12761	2					
12762	6					
12763	15					
12764	6					
12765	2					
12766	4					
12767	83	80	85			
12768	137					
12769	86					
12770	99					
12771	1830				2.02	2.64
12772	270	256	262	291		
12773	220	203	237			
12774	32					
12775	25					

Certifie par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TÉL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0472-RG2

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. K. MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-29-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB	AU CKS PPB
12776	52			
12777	82			
12778	107	97	117	
12779	11			
12780	47			
12781	35			
12782	20			
12783	20			
12784	22			
12785	38			
12786	107	113	101	
12787	153	155	158	145
12788	10			
12789	<1			
12790	20			
12791	3			
12792	8			
12793	1			
12794	<1			
12795	1			

Certifie par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TÉL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0472-RG3

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
Proj: 207 Copie/Copy 1. K. MONTGOMERY - FAX
Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-29-94

No. D'Echantillon Sample Number	AU PPB
12796	7
12797	3
12798	71
12799	50
12800	6

Certifié par/Certified by _____

ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF TSL/ASSAYERS INC.
780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TÉL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

4R-0471-RG1

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-30-94
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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-29-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12051	1		
12052	4		
12053	3		
12054	<1		
12055	<1		
12056	1		
12057	<1	<1	<1
12058	<1		
12059	<1		
12060	<1		
12061	<1		
12062	2		
12063	1		
12064	1		
12065	2		
12066	<1		
12067	1		
12068	2	2	1
12069	1		
12070	<1		

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Certificat/Certificate

4R-0471-RG2

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-30-94
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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-29-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12071	<1		
12072	<1		
12073	<1		
12074	1		
12075	36		
12076	43		
12077	1		
12078	2	2	2
12079	6		
12080	5		
12081	7		
12082	1		
12083	7		
12084	1		
12085	1	1	1
12086	1		

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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12606	<1		
12607	3		
12608	4		
12609	2		
12610	9		
12611	6	6	5
12612	4		
12613	12		
12614	1		
12615	5		
12616	4		
12617	4		
12618	13		
12619	2		
12620	2		
12621	5		
12622	2		
12623	3	3	3
12624	5		
12625	13		

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Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12626	1		
12627	4		
12628	2		
12629	2		
12630	2		
12631	3		
12632	3		
12633	8		
12634	4	4	3
12635	3		
12636	4		
12637	3		
12638	10		
12639	6	8	4
12640	5		
12641	3		
12642	2		
12643	11		
12644	2		
12645	7		

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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12646	<1		
12647	<1		
12648	<1		
12649	2		
12650	<1		
12651	6		
12652	5	6	3
12653	<1		
12654	<1		
12655	<1		
12656	7		
12657	<1		
12658	2		
12659	1		
12660	2		
12661	1	1	<1
12662	<1		
12663	<1		
12664	1		
12665	<1		

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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12666	4		
12667	2		
12668	1		
12669	1		
12670	1		
12671	<1		
12672	<1		
12673	<1		
12674	<1		
12675	<1		
12676	<1		
12677	1		
12678	<1	<1	<1
12679	3		
12680	2		
12681	<1		
12682	3		
12683	<1		
12684	<1		
12685	<1		

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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12686	1		
12687	<1		
12688	<1		
12689	<1		
12690	<1		
12691	<1		
12692	4	5	3
12693	3		
12694	1		
12695	<1		
12696	3		
12697	2		
12698	<1		
12699	<1		
12700	6		
12701	10	10	10
12702	10		
12703	33		
12704	3		
12705	26		

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4R-0423-RG6

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Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12706	24		
12707	11		
12708	6		
12709	6		
12710	5		
12711	13		
12712	5		
12713	2		
12714	<1		
12715	<1		
12716	1		
12717	2		
12718	1		
12719	8	6	9
12720	8	7	9
12721	2		
12722	10		
12723	1		
12724	21		
12725	14		

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Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-25-94
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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12726	7		
12727	8	6	9
12728	1		
12729	1		
12730	<1		
12731	2		
12732	7		
12733	3		
12734	<1		
12735	<1		
12736	<1		
12737	<1		
12738	1		
12739	2		
12740	6	6	6
12741	14		
12742	2		
12743	<1		
12744	<1		
12745	<1		

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Attn: PETER HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-21-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12746	<1		
12747	1		
12748	2	2	2
12749	8		
12750	5		
12751	13		
12752	11		
12753	3		
12754	1		
12755	<1		

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4R-0366-RG1

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-16-94
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Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-10-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB	AU CKS PPB	AU g/tonne	AU g/tonne
11130	48					
11131	239	272	235	210		
11132	263	277	260	252		
11133	1186				1.13	1.17
11146	123					
11147	22	22	21			
11148	12					
11149	18					
11150	37					
11151	29					
11152	79					

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4R-0384-RG1

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-16-94
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Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-14-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
11153	38		
11154	20		
11155	12		
11156	9		
11157	4	4	3
11158	24		
11159	5		
11160	15		
11161	14		
11162	3		
11163	5		
11164	9		
11165	9		
11166	5		
11167	4	2	5
11168	2		
11169	4		
11170	23		
11171	<1		
11172	<1		

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4R-0384-RG2

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-16-94
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Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-14-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
11173	8	6	10
11174	3		
11175	7	7	6
11176	6		

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4R-0481-RG1

Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
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Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12087	23		
12088	50		
12089	2		
12090	3		
12091	15	16	13
12092	4		
12093	3		
12094	6		
12095	2		
12096	5		
12097	2		
12098	4		
12099	8		
12100	3	4	2
12101	3		
12102	6		
12103	4		
12104	4		
12105	5		
12106	5		

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Comp: **W.A. HUBACHECK CONSULTANTS LTD.** Date: MAR-31-94
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Soumis le/Submitted: MAR-28-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB	AU CKS PPB	AU g/tonne	AU g/tonne	AU g/tonne
12107	2						
12108	3						
12109	8						
12110	6						
12111	12						
12112	4						
12113	14						
12114	7						
12115	14						
12116	104	105	102				
12117	36						
12118	104	107	105	100			
12119	84						
12121	43						
12122	19						
12123	7	8	6				
12124	3						
12125	3						
12126	11						

****TOO HIGH FOR A.A. FINISH

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Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon / Sample Number	AU PPB	AU CKS PPB	AU CKS PPB
12127	133	128	138
12128	30		
12129	9		
12130	7		
12131	3		
12132	4		
12133	5		
12134	<1		
12135	57		
12136	26		
12137	2		
12138	6	4	7
12139	11		
12140	4		
12141	16		
12142	20		
12143	10		
12144	6		
12145	4		
12146	2		

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Attn: P. HUBACHECK

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: MAR-28-94

No. D'Echantillon Sample Number	AU PPB	AU CKS PPB	AU CKS PPB	AU CKS PPB
12147	3			
12148	5			
12149	5			
12150	8			
12151	12			
12152	20			
12153	17			
12154	278	258	264	313
12155	18			
12156	45			
12157	163			
12158	248	260	229	256
12159	273	271	274	
12160	163			
12161	218	223	218	214
12162	45			
12163	72			
12164	16			
12165	8			
12166	3			

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APPENDIX "D"
GEOLOGICAL LEGEND FOR CROSS SECTIONS

1. Ultramafic (Komattiitic) Volcanics
   1. Unsubdivided
   1A. Flow
   1B. Volcanic Fragmental
   1C. Talc Chlorite Flow
   1D. Basaltic Komatiite
   1E. Debris Flow

2. Mafic (Tholeiitic) Volcanics
   2. Unsubdivided
   2A. Flow
   2B. Volcanic Fragmental
   2C. Basalt
   2D. Debris Flow
   2E. Chlorite biotite Flow
   2F. Chlorite Amphibole Flow

3. Intermediate/Mafic (Calc-Alkalic Volcanics)
   3. Unsubdivided
   3A. Flow
   3B. Volcanic Fragmental

4. Felsic (Calc-Alkalic) Volcanics
   4. Unsubdivided
   4A. Flow
   4B. Volcanic Fragmental

5. Sediments (maybe tuffaceous in Genesis)
   5. Unsubdivided
   5A. Argillite
   5B. Conglomerate
   5C. Greywacke
   5D. Debris Flow
   5E. Turbidite
   5F. Quartzite
   5G. Graphite
   5H. Chert
   5I. Siltstone
   5J. Sandstone
   5K. Banded Oxide Iron Formation

6. Ultramafic Intrusive Rocks (maybe subvolcanic)
   6. Unsubdivided
   6A. Peridotite
   6B. Pyroxenite
   6C. Amphibolite
   6D. Dunite
   6E. Serpentinite
   6F. Diorite

7. Mafic Intrusive Rocks
   7. Unsubdivided
   7A. Gabbro
   7B. Lamprophyre

8. Felsic Intrusive Rocks
   8. Unsubdivided
   8A. Quartz porphyry
   8B. Feldspar Porphyry
   8C. Quartz Feldspar Porphyry
   8D. Granodiorite
   8E. Aplite
   8F. Syenite
   8G. Granite

9. Diabase Dyke
   9. Unsubdivided
   9A. Matachewan Diabase
   9B. Quartz - Augite Diabase (younger than Huronian)
   9C. Olivine Diabase (younger than Huronian)
   9D. Nipissing Diabase

10. Huronian Super Group - Cobalt Group, Gowganda Formation
    - Coleman Member
   10. Arkose
   10A. Wacke
   10B. Siltstone
   10C. Argillite
   10D. Quartzite
   10E. Conglomerate
   10F. Diamictite

11. Paleozoic sediments
   11. Unsubdivided
   11A. Limestone
   11B. Shale
   11C. Sandstone

12. Highly Deformed Rocks
   12. Unsubdivided
   12A Gneisses
   12B Schists
   12C Phyllite
   12D Mylonite

Km Kimberlite Diatreme
   km 1 Heterolithic Volcaniclastic Kimberlite Breccia
   km 2 Autolithic Volcaniclastic Kimberlite Breccia

Kd Hypabyssal Kimberlite Dyke or Sill
   Kd 1 Heterolithic Kimberlite Breccia
   Kd 2 Autolithic Kimberlite Breccia

TEXTURES

a	amygdules/vesicles
m	massive
f	foliated
p	pillowed
b	brecciated
variolitic	
s	spinifex
sp	spherulitic
q	quartz eyes
o	porphyritic
pe	pebbles
sh	sheared
tr	trachytic
h	hyaloclastite

ROCK ADJECTIVES (TUFFACEOUS)

t	ash tuff
lt	lapilli tuff
lit	lithic tuff
agg	pyroclastic breccia/agglomerate
xt	crystal tuff v
xlt	lapilli crystal tuff
lst	lapilli crystal tuff (lapilli stone)
lbt	lapilli bomb tuff
xit	crystal lithic tuff
fbx	fault breccia
tbx	ash tuff breccia
ltby	lapilli tuff breccia

ALTERATION

Ca	Calcite
Am	Amphibole
An	Ankerite
Bl	Bleached
Ep	Epidote
Do	Dolomite
QC	Quartz Carbonate
Ch	Chlorite
Si	Silica
Se	Sericite
H	Hematite
Fec	Iron Carbonate
Crc	Carbonate
Fs	Fuschite
Fe0	Iron Oxidization/Gossan

VEINS

Vq	quartz vein
Vqc	quartz calcite vein
Vs	Serpentine vein
Vqf	Quartz Feldspar Vein
Vch	Calcite Hematite Vein
Vqh	Quartz Hematite Vein

MINERALS

py	pyrite
ga	galena
po	pyrrhotite
sp	sphalerite
cp	chalcopyrite
ma	magnetite

c:\age\sc\185\legend93

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9580.00164

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- Refer to the Mining Act and Regulations for req Recorder.
- A separate copy of this form must be completed for each work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

32D04NW0237 W9580.00164 GAUTHIER

900

Recorded Holder(s): LAC MINERALS LTD.	ROYAL BANK PLAZA, P.O. BOX 156, NORTH TOWE TORONTO, ONT. M5J 2J4	Client No. LAC 155133 SUDBURY 198617
Address: SUDBURY CONTACT MINES LTD. 401 BAY ST., SUITE 2302 TORONTO, ONT. M5H 2Y4		Telephone No. (416) 947-1212
Mining Division: LARDER LAKE	Township/Area: GAUTHIER, KATRINE, MCVITTIE	M or G Plan No.: G3163 G3211
Dates Work Performed From: FEBRUARY 9 1994	To: OCTOBER 30 1994	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
X	Physical Work, Including Drilling	DIAMOND DRILLING
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 324,310.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
DAVID W. CHRISTIE	141 ADELAIDE ST. WEST
C/O W.A. HUBAHCECK CONS. LTD.	SUITE 1401, TORONTO, ONT. M5H 3L5
BRADLEY BROS. DRILLING	P.O. BOX 2367 ROUYN-NORANDA, QUE. J9X 5A9

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: MARCH 17/95

Recorded Holder or Agent (Signature):

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: DAVID W. CHRISTIE, 141 ADELAIDE ST. WEST, SUITE 1401, TORONTO, ONT. M5H 3L5

Telephone No.	Date	Certified By (Signature)
416-364-2895	MARCH 17/95	

For Office Use Only

RECEIVED
LARDER LAKE
MINING DIVISION
MAR 28 1995

Total Value Cr. Recorded	Date Recorded	Mining Recorder
Applied 81701. Reserve 242609.	May 24/95	
	Deemed Approval Date: Jun 22/95	Date Approved: May 5/95
	Date Notice for Amendments Sent:	

241 03/91

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	9338	1	38905 ✓		12,000	26905
	9339	1	23265 ✓		12,000	11265
	9350	1	114614 ✓		12,000	102614
	30802	1	22254 ✓		9,701	12553
	30803	1	23966 ✓		12,000	11966
	37341	1	46491 ✓		12,000	34491
	821260	1	54815 ✓	800 ✓	~~12,000~~ 11,200 JKM	42015 ✓ JKM
	1186259	1		372 ✓		
	1180457	16		5950 ✓		
Kevin Montgomery JKM	1180458	16		5950 ✓		
	1180459	16		5950 ✓		
	1180461	12		4463 ✓		
	1180462	2		744 ✓		
JKM	1180463	1		372 ✓		
	1180477	16		5950 ✓		
	1180478	16		5950 ✓		
	1180479	16		5950 ✓		
		Total Number of Claims	324310	Total Value Work Applied	80901 JKM ~~81700~~	242609 JKM ~~241809~~
			Total Value Work Done		Total Assigned From	Total Reserve

0941 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☒ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

0-11 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1180508	10		3719 ✓		
	1180509	16		5950		
	1180510	3		1116		
	1180515	3		1050 ✓		
	1186224	16		5950		
	1186225	7		2603 ✓		
	1180465	16		5862		
	1180464	16		5600		
	1186223	4		1400 ✓		
	1187251	8		3200 ✓		
	1187292	7		2800 ✓		
Total Number of Claims: 23			Total Value Work Done: 32431	Total Value Work Applied: 81701	Total Assigned From: $0 81701	Total Reserve: 24209

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☒ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respe to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature:	Date:

Ontario Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: 107-5EO 00164

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	30079.	30079.
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type DRILLING	241,719.54	
	SURVEYOR	5860.29	
	ADMINISTRATION COSTS	10504.59	258084.42
Supplies Used Fournitures utilisées	Type FIELD SUPPLIES	5911.64	
			5911.64
Equipment Rental Location de matériel	Type CORE SHACK RENTAL	4150.28	
	EQUIPMENT RENTAL	9230.24	
			13380.52
	Total Direct Costs Total des coûts directs		307455.58

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type ASSAYS	5255.25	
	TRUCK, SKIDOO & ATV RENTAL	6808.08	
			12063.33
Food and Lodging Nourriture et hébergement		4791.24	4791.24
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		16854.57
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			61491.12
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**			324,310.15

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

ling Discounts

Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

otal Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

ertification Verifying Statement of Costs

ereby certify:
at the amounts shown are as accurate as possible and these costs re incurred while conducting assessment work on the lands shown the accompanying Report of Work form.

at as PROJECT GEOLOGIST (Recorded Holder, Agent, Position in Company) I am authorized

make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé

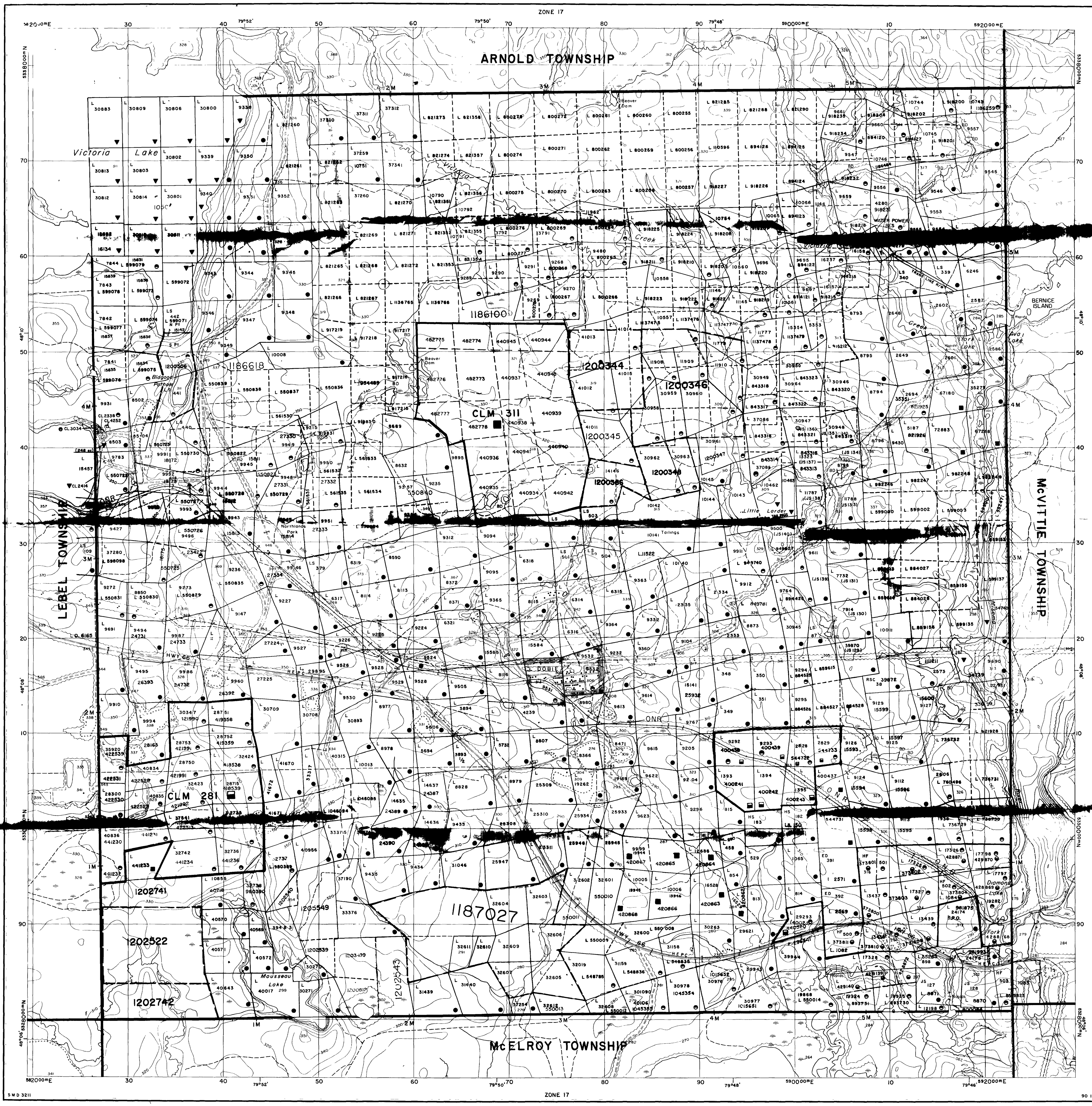
à faire cette attestation.

Signature	Date
	Mar 14, 1995

2 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

G-3211



Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

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

1000 0 1000 2000 Metres

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 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 (20)
- 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

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)				

GAUTHIER TWP.

DATE OF ISSUE
MAY 5 1995
LARDER LAKE
MINING RECORDER'S OFFICE

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 (OC)
Cancelled
Reservation
Sand & Gravel

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE 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

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

CIRCULATED JANUARY 25, 1995 ML

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

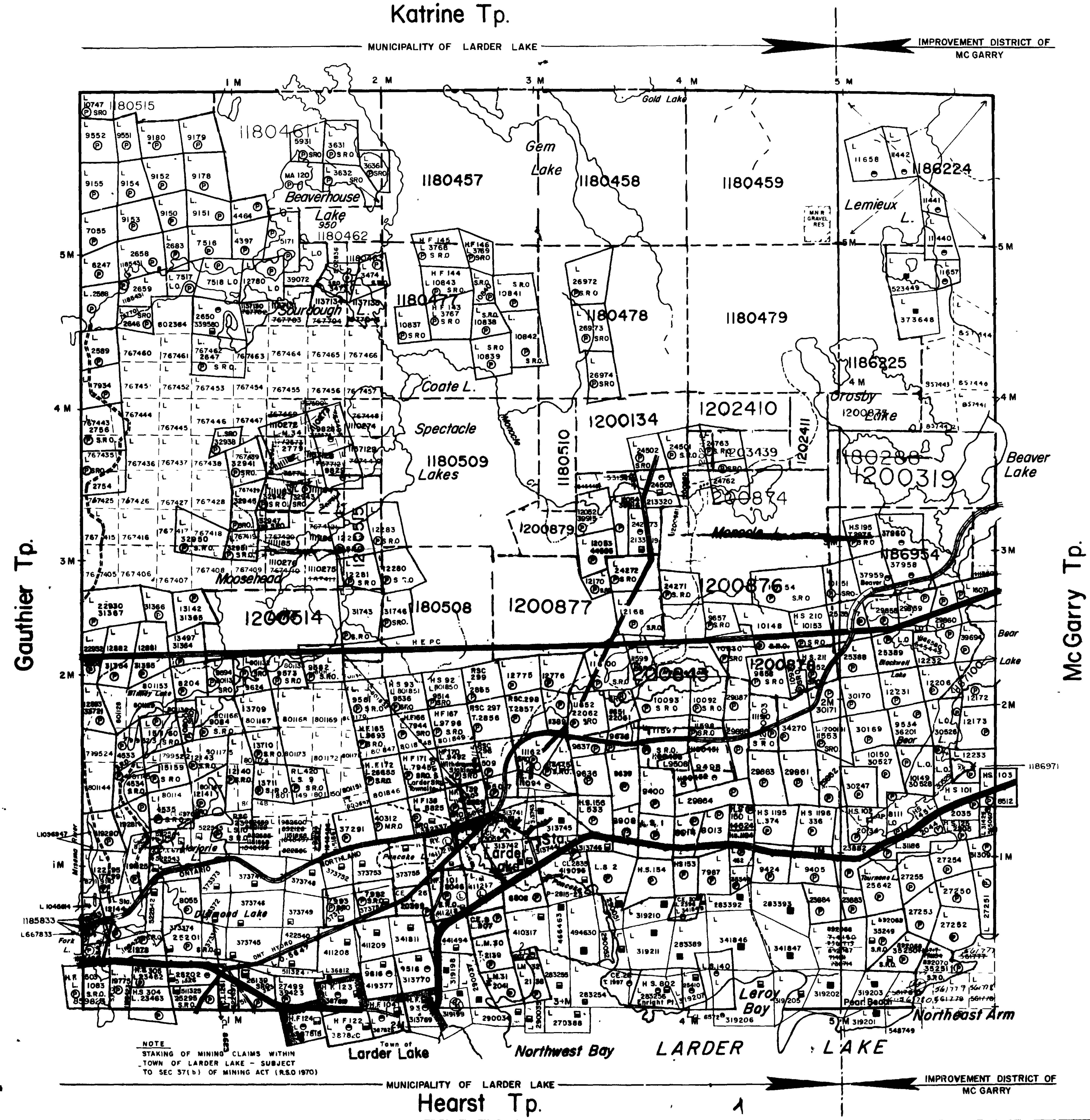
The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only

G-3211

90 10

32D04NW0237 W9580 00164 GAUTHIER

200



LEGEND

HIGHWAY AND ROUTE No
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIPS, BASE LINES, ETC
LOTS, MINING CLAIMS, PARCELS, ETC
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	Ⓟ or ●
" , SURFACE RIGHTS ONLY	Ⓟ S R O or
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	Ⓛ or ■
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	L O or ▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R S O 1970, CHAP 380, SEC 63, SUBSEC 1

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

R1 SEC 36/80 NRW 65/84 01/03/84 mR+SR
0-3/90 OPENS NRW 65/84
R2 SEC 36/80 NRW 2?'C 11/27/85 mR+SR
0 L2/89NR OPENS NRW 23/85
R3 Sec 36/80 W 9/86 ~~24/01/86~~ m+S
Sec 36/80 W 11/86 14/02/86 m+S
R4 W-22/86 6/3/86 Sec 36 '80 m+S
0-02/88L OPENS W 22/86

TOWNSHIP

McVITTIE

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
TIMISKAMING

Ontario
Ministry of Natural Resources
Land Management Branch

Date SEPTEMBER 1984
Number G-3163

COPY OF THIS MYLAR ARCHIVED OCT. 31, 1991
ARCHIVED APR 18, 1994

DATE OF ISSUE
FEB 24 1995
LARDER LAKE MINING RECORDER'S OFFICE

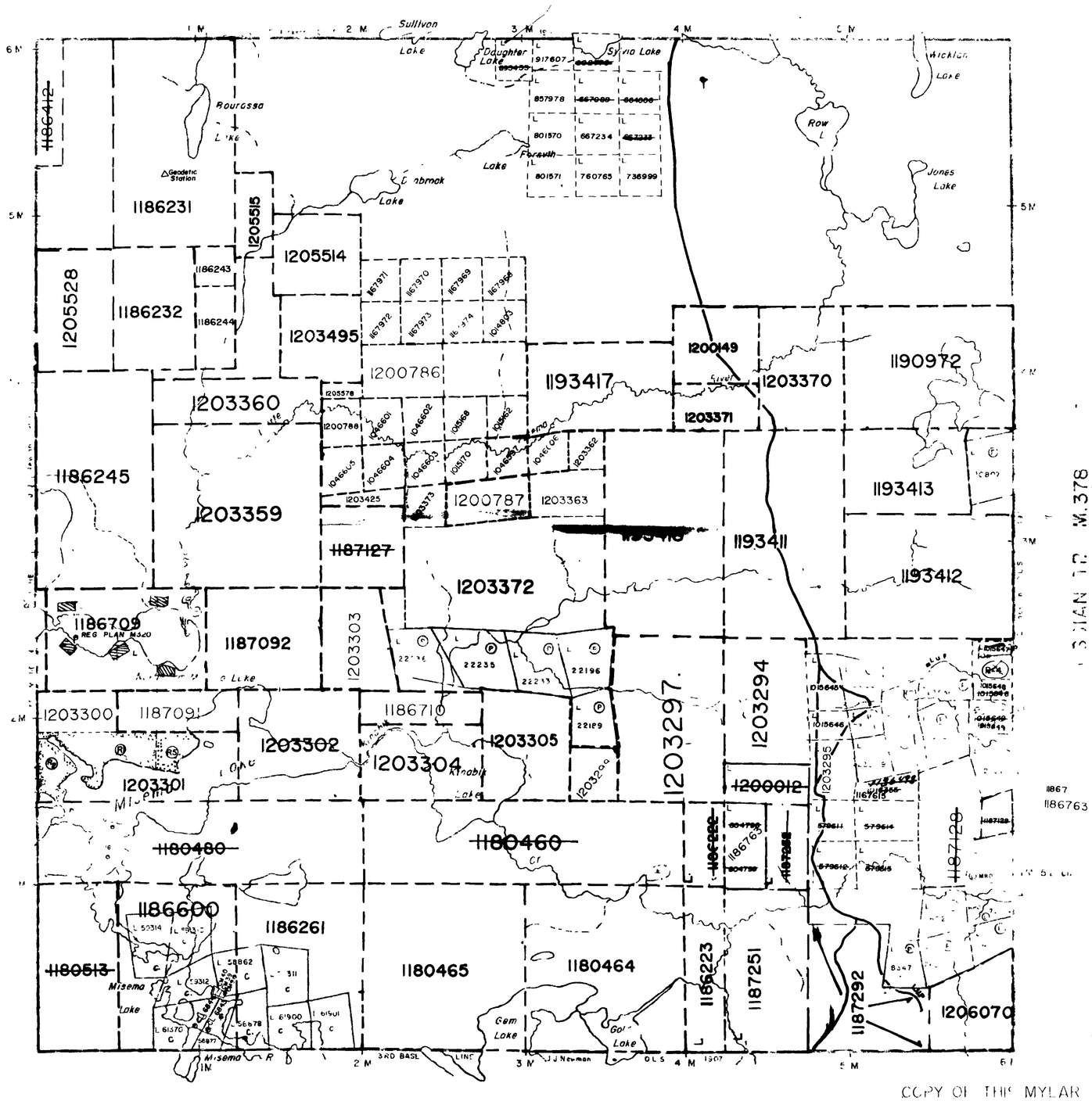
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NO GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

McVITTIE TP.

G-3163

TRIM LINE

BEN NEVIS TP. M.325



McVITTIE TP. M.370

THE TOWNSHIP
OF

KATRINE

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

PATENTED LAND	
CROWN LAND SALE	C.S
LEASES	
LOCATED LAND	
LICENSE OF OCCUPATION	L.O
MINING RIGHTS ONLY	M.R.O
SURFACE RIGHTS ONLY	S.R.O
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	
PATENTED S.R.O.	

NOTE

The surface rights only of the Crown lands in the beds of all lakes and rivers

Areas withdrawn from staking under Section 43 of the Mining Act

Order no	File	Date	Disposition
R_1 NR W 83/80	115462	16/4/80	S R +M R
R_2 NR W 88/80	115462	16/4/80	SRO
~~R_3 See 36/80 W-W/86~~		~~20/11/86~~	~~S + M~~

PT of W-8/86 and W-50/86 (M+S Rights) Opened Order no O-103/87 NR Dec 2/87

PT of W-8/86 (SR + MR) Opened by Order No O-104 / 87 NR Dec 3/87

~~W-L/89 NR MH AND SR JAN 30/89~~

W-L/89 OPENED ORDER O-L8/89 NR APRIL 4/89

W-L-2.98 NSR (S & M) withdrawn FEB 3/93.

MAY 1995
LARDER LAKE
MINING RECORDER'S OFFICE

CIRCULATED MARCH 25 1968

PLAN NO. M. 357

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

THE INFOR
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COPY OF THIS MYLAR
ARCHIVED APR.15/92
ARCHIVED JULY 26, 1994

TRIM LINE

CTL OPTION

WALHANNA OPTION

LAC GAUTHIER OPTION

CTL OPTION

LAC GAUTHIER OPTION

CTL OPTION

SUDBURY CONTACT

Victoria Lake

Victoria creek

Hwy 672 & Power line

Power Line

BASE LINE

TIE LINE

30813 30803 30802 9339 9350 821261 821262 37259 37341 821274 821357

30812 30814 30804 9340 9351 9352 821263 37260 821270 821351 821356

16134 30810 30811 9341 9342 9353 821264 821269 821271 821352 821355

599079 821265 821268 821272 821353 821354

599078 599073 599072 9343 9344 9345

821266 821267

599077 599074 599071 9346 9347 9348

599076 599075 9349 1186618

1200506

30883 30809 30806 30800 9338 821260 37310 37311 37312 821273 821358

C94-16 LG94-35 C94-45 C94-31 C94-27 C94-18 C94-29 C94-15 C94-17 L94-14 LG94-43

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.

100 0 100 200 300
METRES

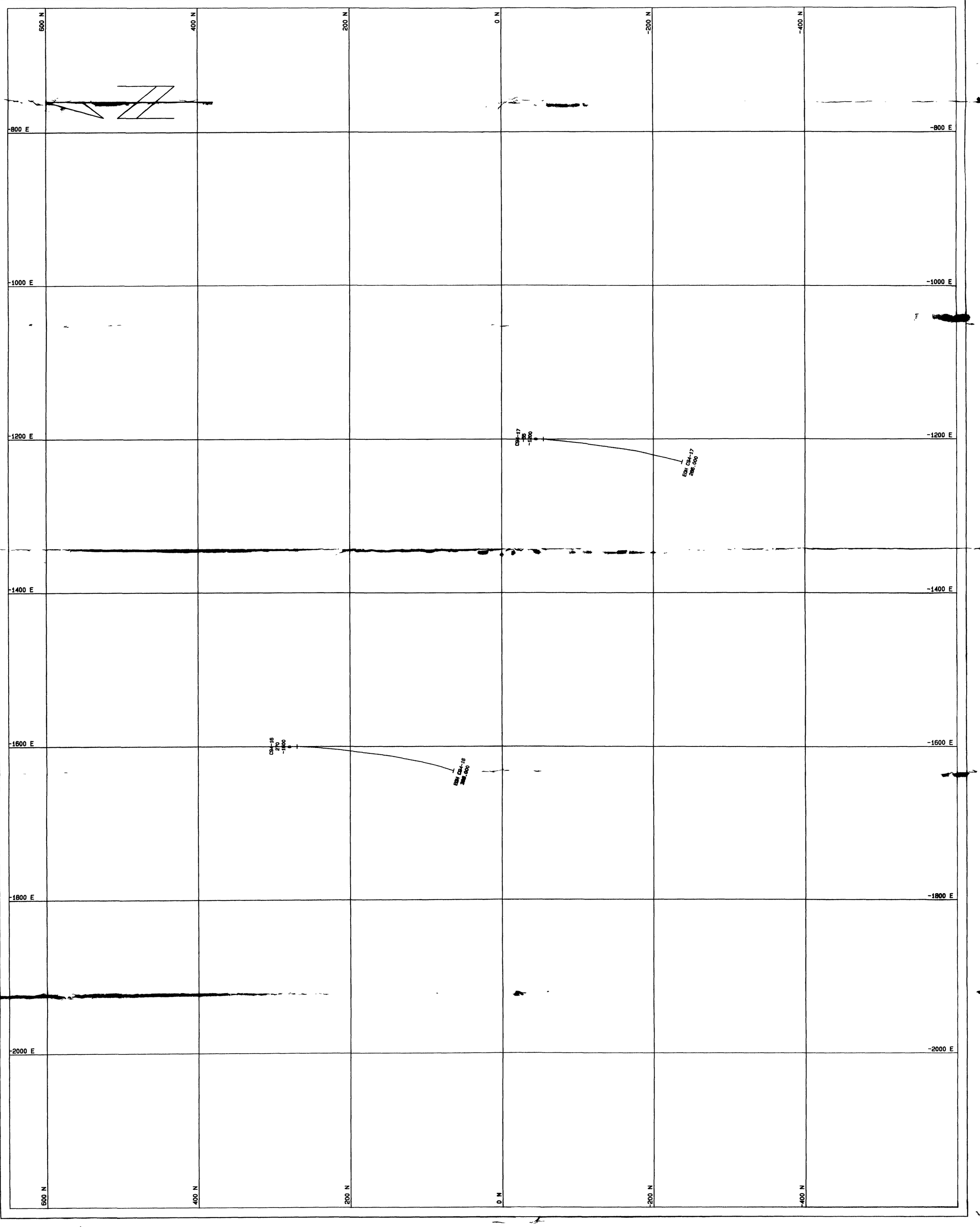
Feb. 10, 1995 | SCALE 1:5000 | OMIP94

W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor	rmc	
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD
Victoria Creek Project
Diamond Drill Hole Plan
Mine Grid

File :PLANB
Scale :1 : 2500
Date :09 Feb 1995



W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor	rmc	
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD

Victoria Creek Project.

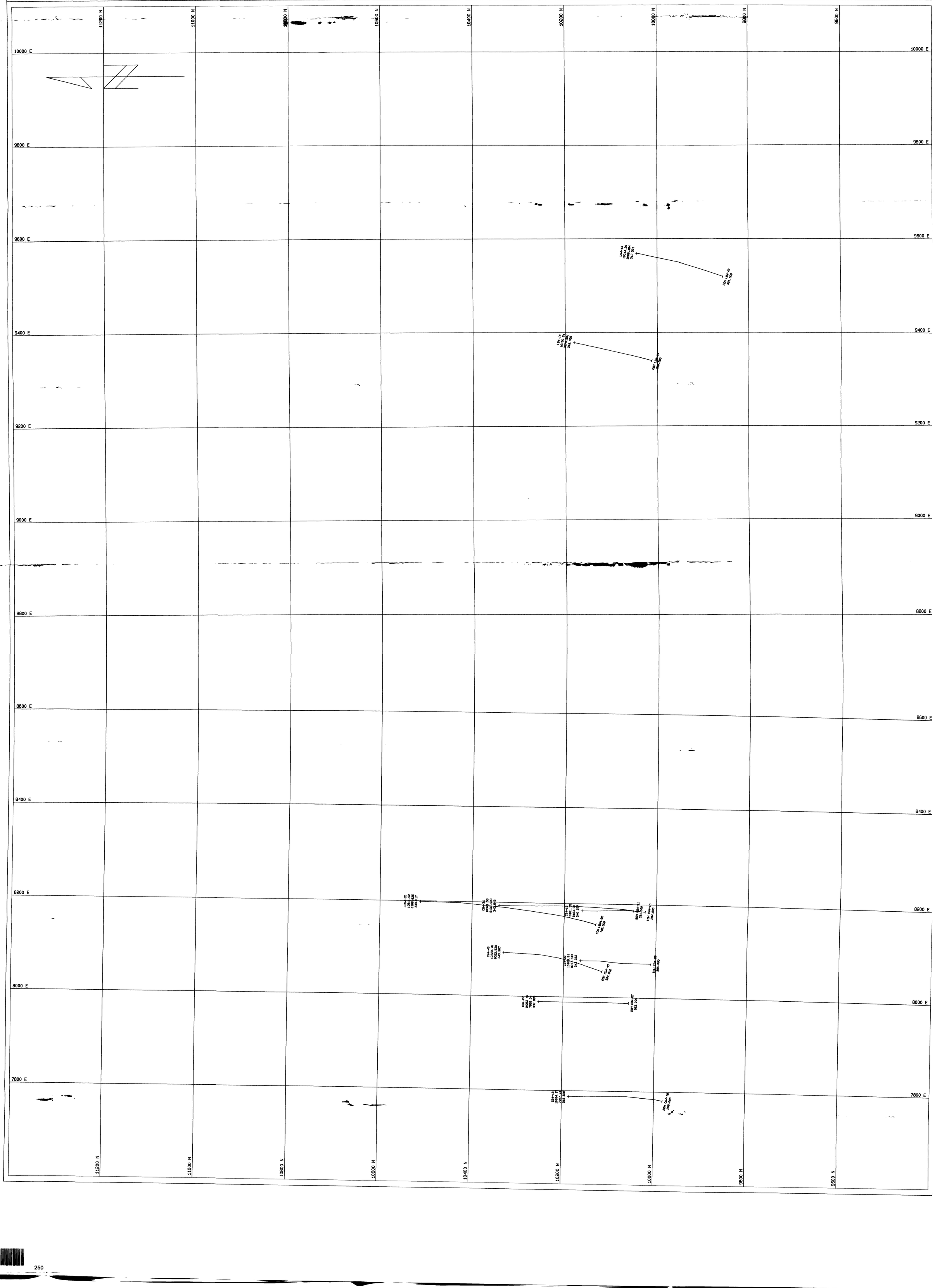
Diamond Drill Hole Plan

Mine Grid

File : PLANA

Scale : 1 : 2500

Date : 09 Feb 1995



W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD

Victoria Creek Project

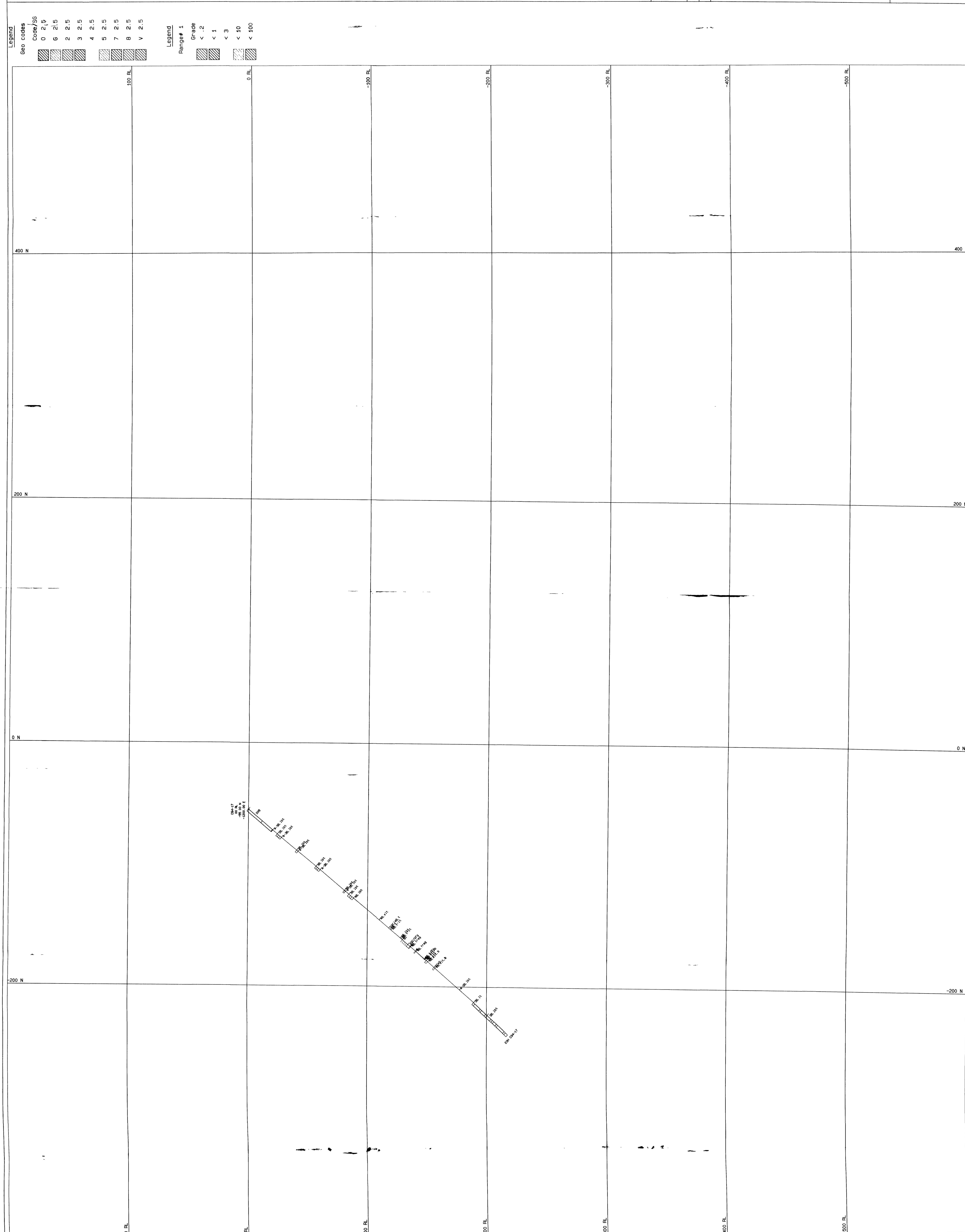
Diamond Drill Hole Section

Sect 1200W looking west (270x)

File : 1200W

Scale : 1 : 1000

Date : 09 Feb 1995



[redacted]

260

W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD
Victoria Creek Project
Diamond Drill Hole Section
Sect 1600W looking west (270x)

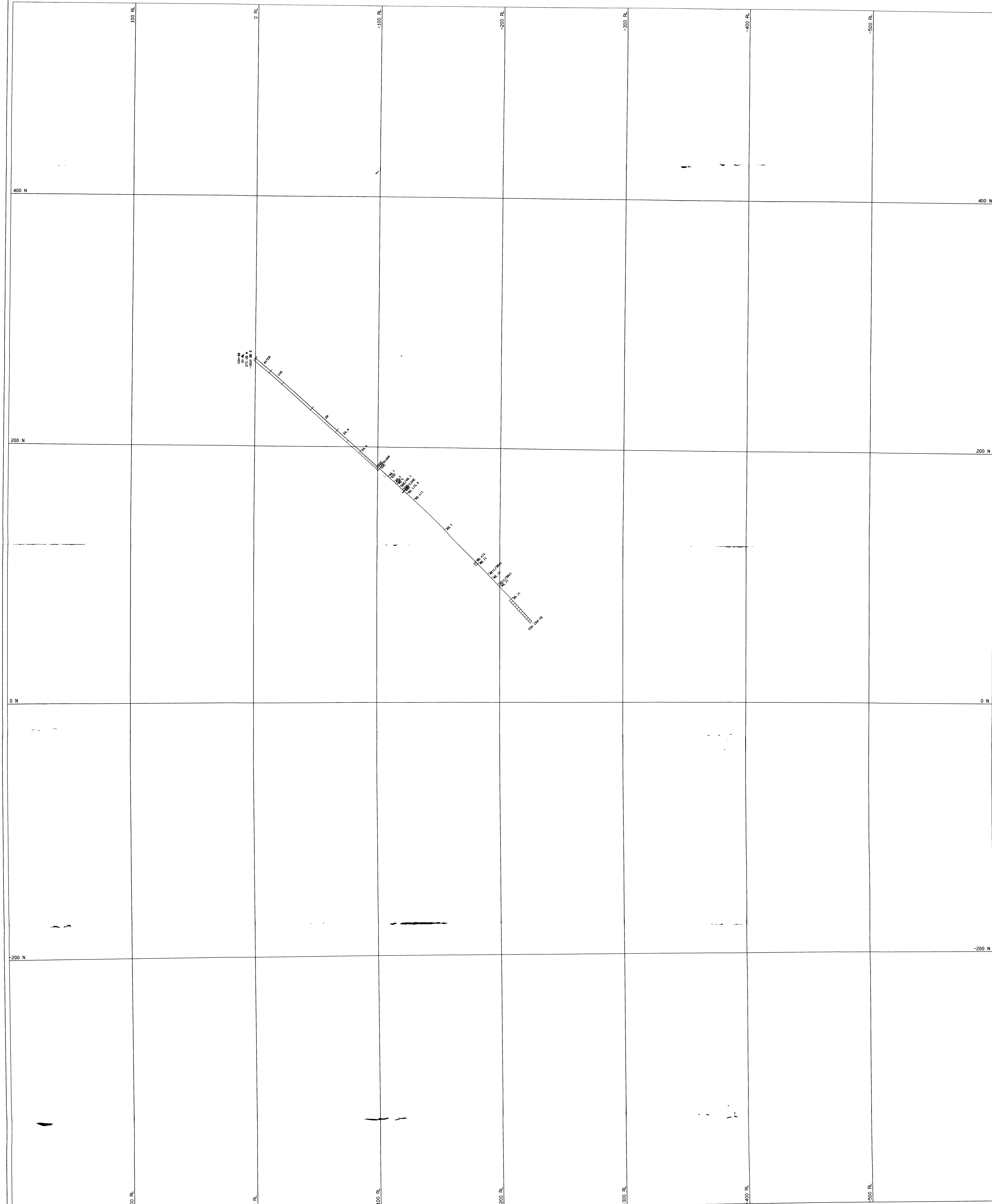
File : 1600W
Scale : 1 : 1000
Date : 09 Feb 1995

Legend
Geo codes

Code/SG	
0	2.5
G	2.5
2	2.5
3	2.5
4	2.5
5	2.5
7	2.5
8	2.5
V	2.5

Legend
Range# 1

Grade
< .2
< 1
< 3
< 10
< 100



270

W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD

Victoria Creek Project

Diamond Drill Hole Section

Section 7800 looking west (270x)

File : 7800

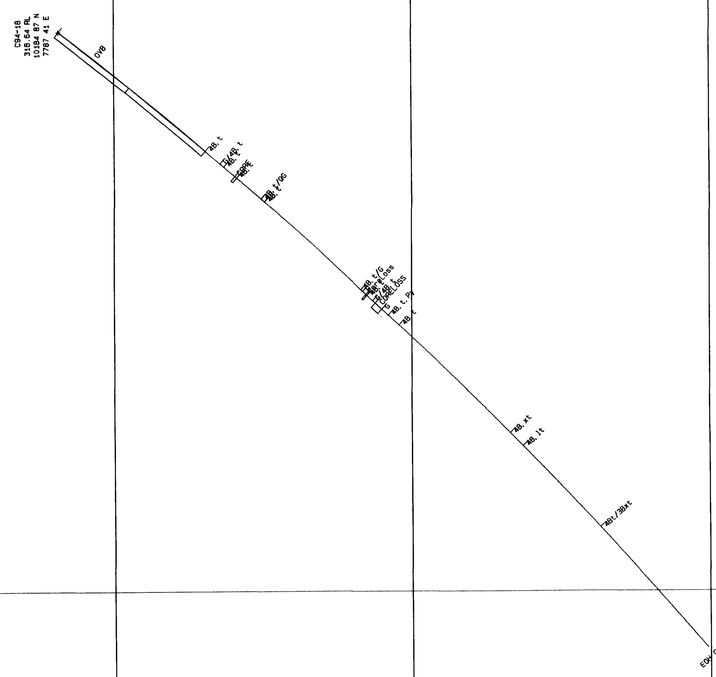
Scale : 1 : 1000

Date : 09 Feb 1995

Legend

Geo codes

Code/SG	
0	2.5
6	2.5
2	2.5
3	2.5
4	2.5
5	2.5
7	2.5
8	2.5
V	2.5



W.A.HUBACHECK CONSULTANTS LTD.

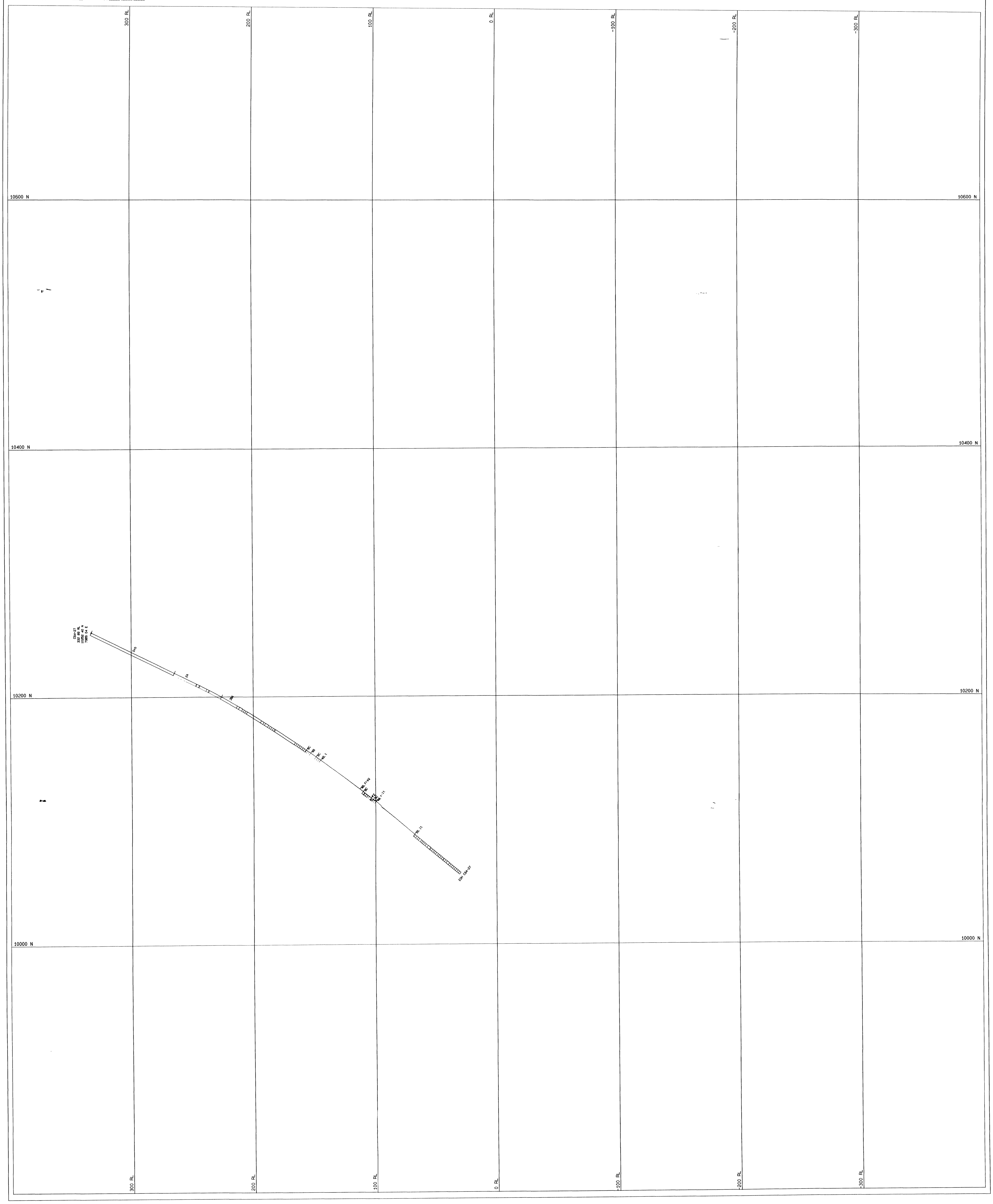
	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD
Victoria Creek Project
Diamond Drill Hole Section
Section 8000 looking west (270x)

File : 8000
Scale : 1 : 1000
Date : 09 Feb 1995

Legend
Geo codes

Code/SG	
0	2.5
G	2.5
2	2.5
3	2.5
4	2.5
5	2.5
7	2.5
8	2.5
V	2.5



W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD
Victoria Creek Project
Diamond Drill Hole Section
Section 8100 looking west (270x)

File : 8100
Scale : 1 : 1000
Date : 09 Feb 1995

Legend

Geo codes

Code/SG
0 2.5
6 2.5
2 2.5
3 2.5
4 2.5
5 2.5
7 2.5
8 2.5
V 2.5

300 RL | 200 RL | 100 RL | 0 RL | -100 RL | -200 RL | -300 RL

10600 N

10400 N

10200 N

10000 N

C94-45
343.17 Ft
10359.75 N
8092.54 E

C94-29
343.23 Ft
10199.63 N
8077.61 E

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	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

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Victoria Creek Project

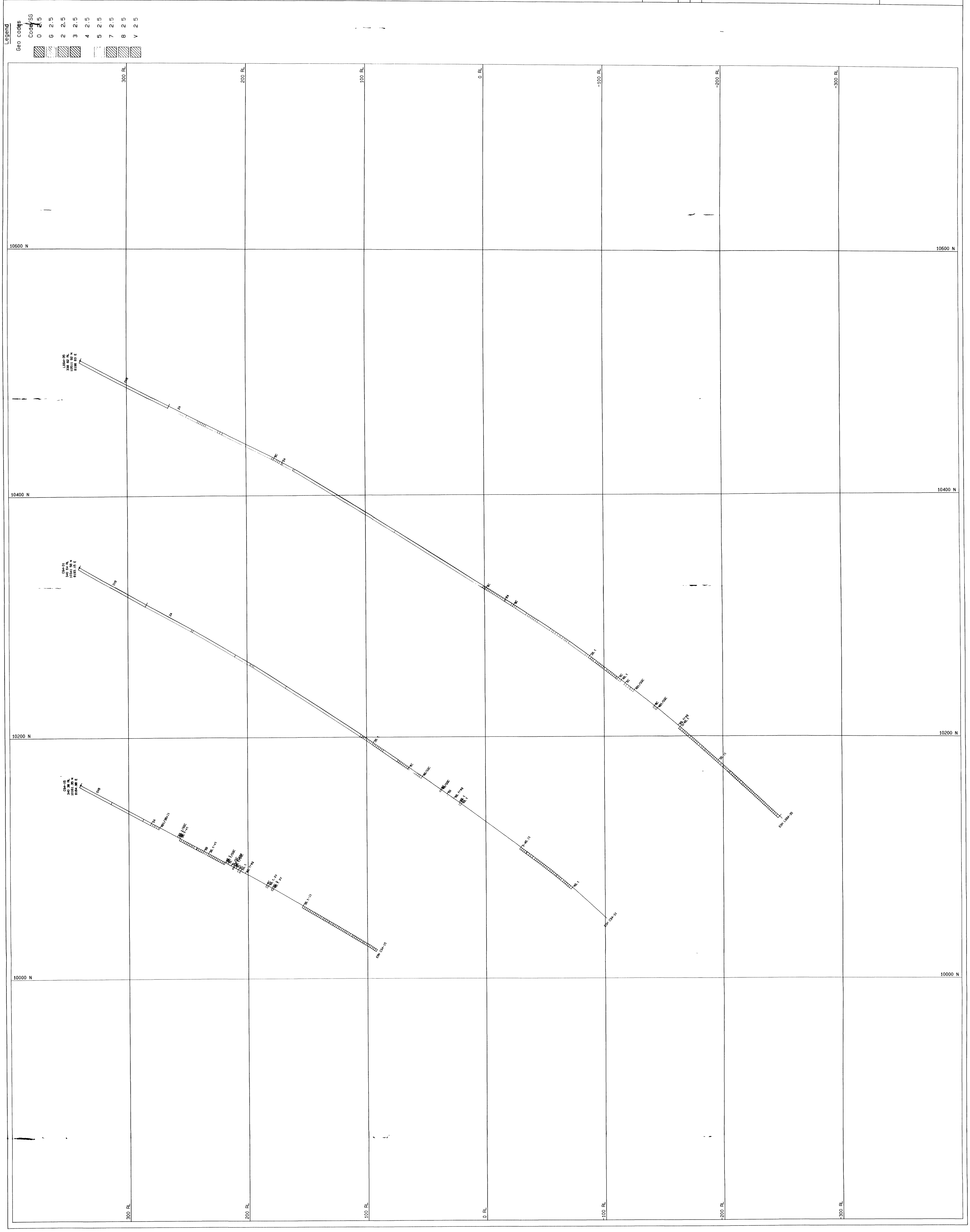
Diamond Drill Hole Section

Section 8200 looking west (270x)

File : 8200

Scale : 1 : 1000

Date : 09 Feb 1995



32D04NW0237 W9580 00164 GAUTHIER

310

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Surveyor		
Drawn		
Checked		
Approved		

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Victoria Creek Project

Diamond Drill Hole Section

Section 9400 looking west (270x)

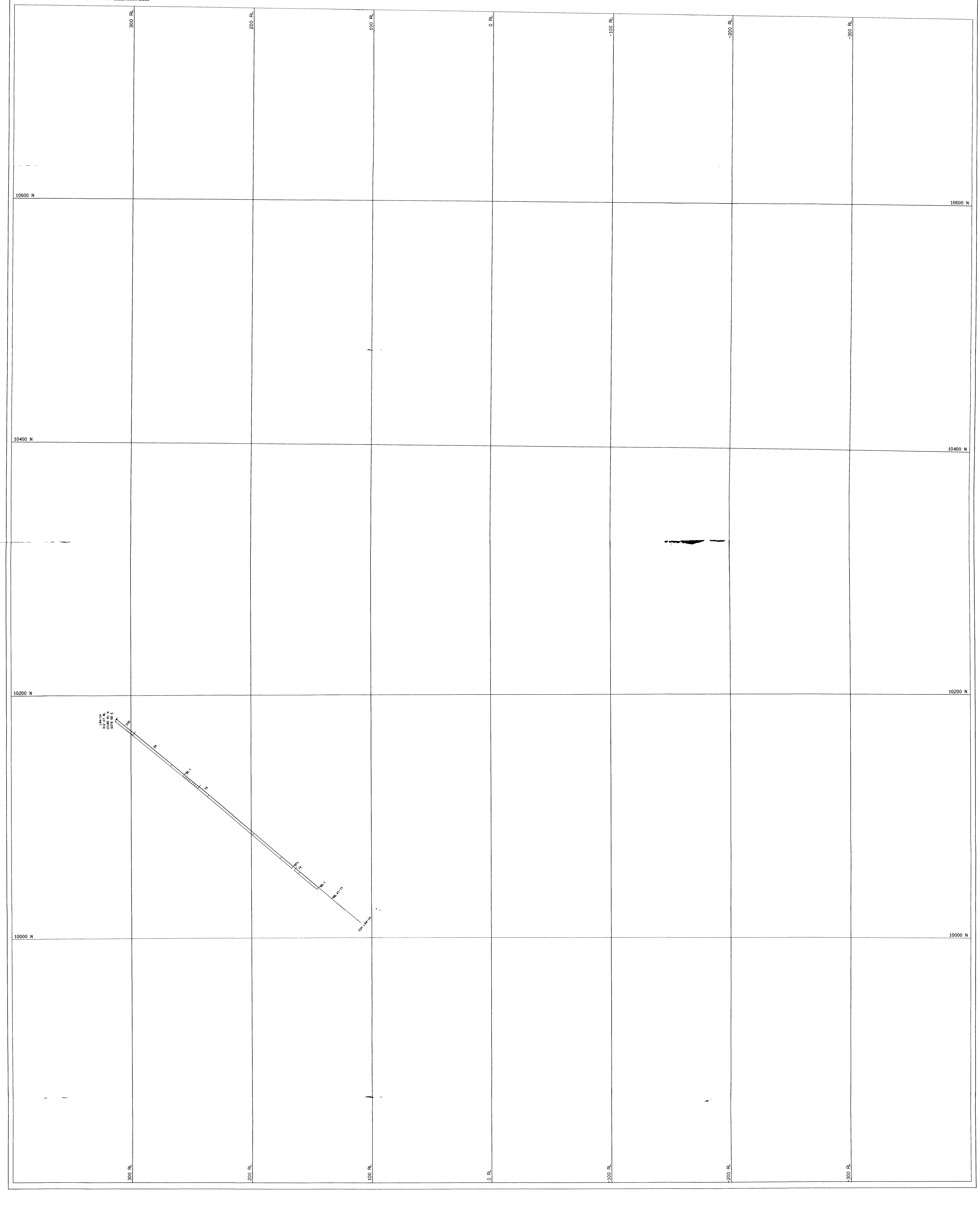
File : 9400

Scale : 1 : 1000

Date : 09 Feb 1995

Legend

Geo codes	Code/SG
0	2.5
G	2.5
2	2.5
3	2.5
4	2.5
5	2.5
7	2.5
8	2.5
V	2.5



W.A.HUBACHECK CONSULTANTS LTD.

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

SUDBURY CONTACT MINES LTD

Victoria Creek Project

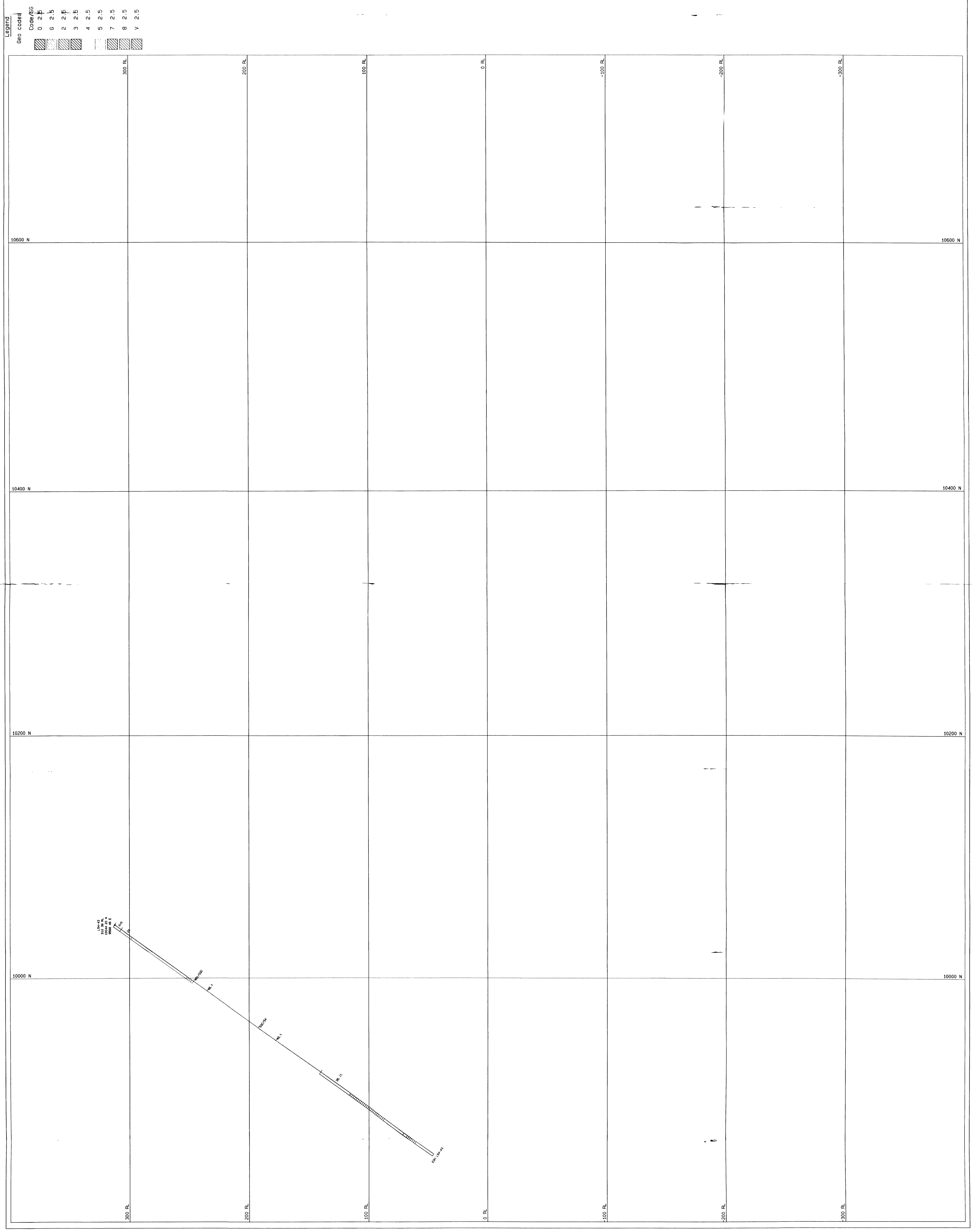
Diamond Drill Hole Section

Section 9550 looking west (270x)

File : 9550

Scale : 1 : 1000

Date : 09 Feb 1995



32D04NW0237 W9580 00164 GAUTHIER

330