# SUMMARY OF PROGRESS AND NEW RECOMMENDATIONS, BANNOCKBURN PROPERTY OF MONO GOLD MINES INC., EASTERN ONTARIO MINING DIVISION

FOR

MONO GOLD MINES INC.

BY

ROY V. BEAVON, BSc., Ph.D.

BEAVON CONSULTING LTD.

October 1985.

Revised December 23, 1985.

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## GENERAL SYNOPSIS

The Bannockburn property of Mono Gold Mines Inc. consists of 500 acres of patented and unpatented mining rights located in Con. V and VI of Madoc Township, in the Eastern Ontario Mining Division. The property is accessible by all-weather roads and is close to abundant power, water and lumber supplies.(Map.1).

Gold was probably discovered near Bannockburn following the 1866 gold rush into Eastern Ontario. Operations commenced prior to 1894 and were resumed from 1896 to 1908, but there are no records of the volume or proceeds of production. A shaft was sunk to 70 ft. and several other prospect pits and trenches were excavated. A stamp mill was erected on the property to extract Bannockburn gold and the production from other nearby properties. There are no records of subsequent work until 1965 when the property was drilled under the supervision of A. Belanger. Spectacular assays were reported but there is no way of checking the results.

Mono Gold Mines Inc. acquired the old producing Bannockburn property and commenced work in 1981. A picket line grid was established, VLF-EM and magnetometer surveys and geological mapping and sampling were completed together with limited stripping and trenching. A small diamond drilling program was also completed in 1981, which served to confirm the gold bearing nature of the previously productive vein structure(s). On the strength of these results Mono acquired further property adjacent to the Bannockburn gold mine, and further work was recommended for the entire property (Map 2).

The work was not extended to the east side of Highway 62 until 1984, when following VLF-EM and magnetometer surveys and geological mapping, limited sampling of quartz veins was carried out. One sample returned 0.9 oz/t Au and subsequent trenching confirmed the presence of a gold-bearing quartz vein system in the Northeast Area of the property. In 1985 diamond drilling confirmed the presence of high grade gold values in the Northeast area, and a total of 5258' of diamond drilling was completed

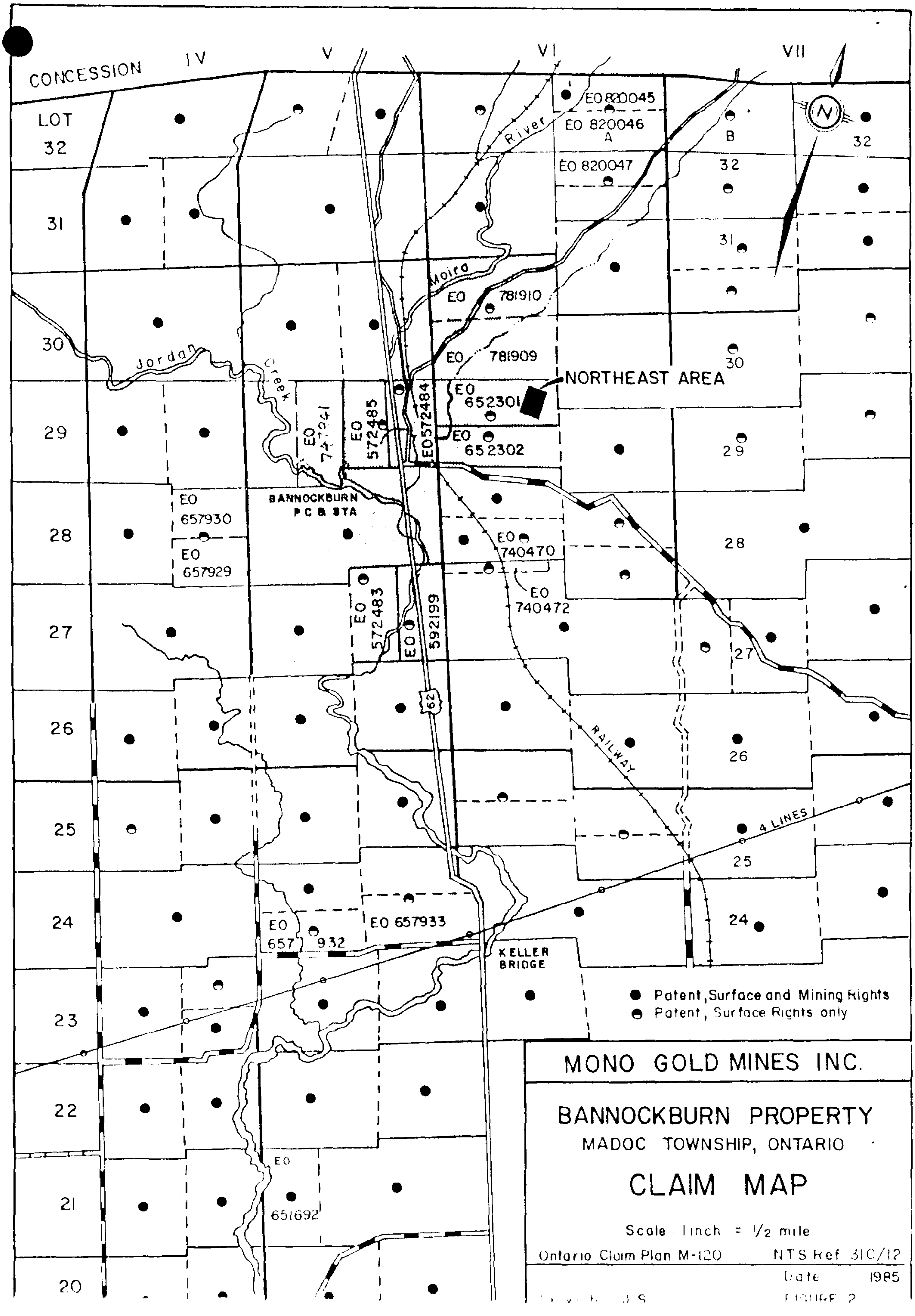

# MONO GOLD MINES INC.

# BANNOCKBURN PROPERTY

MADOC TOWNSHIP
EASTERN ONTARIO MINING DIVISION

## GENERAL LOCATION MAP

FIGURE 1


CONCESSION
IV
V
VI
VII
LOT
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N
EO 820045
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B
EO 820047
River
Moira
EO 781910
EO 781909
NORTHEAST AREA
Jordan
Creek
EO 652301
EO 652302
EO 572485
EO 572484
BANNOCKBURN
P C & STA
EO 657930
EO 657929
EO 740470
EO 740472
EO 572483
EO
592199
62
RAILWAY
4 LINES
EO 657933
EO 657 932
KELLER
BRIDGE
EO 651692
Patent, Surface and Mining Rights
Patent, Surface Rights only
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, ONTARIO
CLAIM MAP
Scale: 1 inch = 1/2 mile
Ontario Claim Plan M-120
NTS Ref 31C/12
Date 1985
FIGURE 2

GENERAL SYNOPSIS CONT.

in two stages by July 1985 for a total of 20 diamond drill holes.

NORTHEAST AREA DISCOVERY

Gold mineralization in the Northeast Area of the Bannockburn property is hosted by two mineralized quartz vein zones hosted by weakly metamorphosed, folded, and faulted Precambrian volcanic and sedimentary rocks of the Grenville Supergroup. Mineralization consists of coarse native gold and tetradymite associated with minor amounts of pyrrhotite and pyrite in well defined quartz veins between 0.1 and 3.0 ft. wide.

The No.1 vein has been drilled for a strike-length of 500 ft. and returned average assays of 0.481 oz/t Au across an average true width of 5 ft. in six holes. It has only been tested to a depth of 80 ft. (vertical).

The No.2 Discovery Zone is not a simple vein like the No.1 Discovery, but it has been drilled for a strike-length of 300 ft. and to a vertical depth of 240 ft. Average assays are better than 0.3 oz/t Au. on a 5 ft. true width basis.

No tonnage estimates can be given until the remaining 6000 ft. of previously proposed drilling is completed, and all drill indicated average grades will require confirmation by underground sampling.

Table 1 is a summary of all drill-intercepts obtained to date from the Northeast Area. They should be read in conjunction with Map 3.

As a result of the new gold discovery on the Bannockburn property, three contiguous claims have been recently optioned by Mono.

TABLE 1 : Diamond drill results and assays, Bannockburn Northeast Area Discovery

| Hole # | Interval (ft) | oz/ton Au | Width (ft) |
|---|---|---|---|
| 85-1 | 64 - 68 | 1.167 | 4.0 |
| " | 109 - 112 | 0.018 | 3.0 |
| 85-2 | 11.5- 17.5 | 0.127 | 6.0 |
| 85-3 | 47 - 50 | 2.139 | 3.0 |
| " | 72.5- 78 | 0.299 | 5.5 |
| 85-4 | 39 - 47.5 | 0.178 | 8.5 |
| 85-5 | 206.5-211 | 0.043 | 4.5 |
| 85-6 | 68.5 - 71 | 1.315 | 5.5 |
| 85-7 | 133.5-135.5 | 0.416 | 2.0 |
| " | 143.5-145.5 | 0.275 | 2.0 |
| " | 146 - 148 | 0.173 | 2.0 |
| 85-8 | 230 - 237 | 0.019 | 7.0 |
| 85-9 | 92.9-94.9 | 2.080 | 2.0 |
| 85-10 | 36.5-40.5 | 1.154 | 4.0 |
| 85-11 | 40.9-43.2 | 16.50 | 2.3 |
| 85-13 | 133.5-134.5 | 0.032 | 1.0 |
| 85-14 | 20.6-28.8 | 0.752 | 2.8 |
| 85-15 | 71 -74.4 | 0.853 | 3.4 |
| " | 204.9-206.9 | 0.073 | 2.0 |
| 85-16 | 89.8-91.8 | 0.184 | 2.0 |
| " | 201.5-205.5 | 3.399 | 4.0 |
| " | 249 - 250 | 1.288 | 1.0 |
| " | 253.3-255.3 | 2.129 | 2.0 |
| 85-17 | 74 - 76 | 1.026 | 2.0 |
| " | 134.9-136.9 | 0.649 | 2.0 |

# 85-12 85-18, -19, & -20 gave low Au values

# 85-12 was logged as containing one flake of native Au.

REASSESSMENT OF EXPLORATION TO DATE

In the light of the drill results from the Northeast Area together with detailed geological mapping completed in June 1985 (Map 3), a reassessment of the exploration of the total area of the Bannockburn property now seems to be in order. In particular a more thorough exploration should be accomplished prior to embarking on underground exploration.

The recognition of Bismuth and Tellurium in selected core samples, together with the knowledge that soil geochemistry has worked well in those well drained portions of Madoc Township underlain by basemetal prospects, indicates that the 1500m of ground between the Northeast Area and the old mine should be intensively sampled and analysed for bismuth in soils. Unlike the previously applied blanket geophysical coverage, the geochemical results will be specific for the gold mineralization. Coupled with geological mapping, which is beginning to recognize the controlling structures of the gold mineralization, soil geochemistry should enhance the chances of finding additional gold-bearing veins within the Bannockburn property. Some practical difficulties of obtaining samples in swampy areas may be overcome by using more expensive overburden drilling techniques and a contingency should be allowed for this.

RECOMMENDATIONS

1. Up to 6000 ft. of diamond drilling has already been recommended for the Northeast Area

2. A property-wide geochemical survey is recommended, which will require line cutting on recently optioned claims, detail lines between the old mine and Northeast Area, and refurbishing of grid lines completed in 1981 and 1984. Some stripping may be required to check the geochemical anomalies.

3. Detailed geological mapping should be done on the newly acquired property and between the two known mineralized areas.

4. Additional diamond drilling, contingent on the recognition of valid geochemical anomalies and favourable geological structure, is recommended as soon as the results of recommendations 1 & 2 are available.

BUDGET ESTIMATE

Phase IV Exploration of entire Bannockburn property

| | | | |
|---|---|---|---|
| Line-cutting and rehabilitation | 14,400 | | |
| 48 line km. @ $300 | | 14,400 | |
| Soil Geochemical Survey | | | |
| 3500 samples @ $5.00 | 17,500 | | |
| 40 mandays 2 $200 | 8,000 | | |
| Room & board 40 days @$50 | 2,000 | | |
| Contingency for overburden drill | 15,000 | | |
| Report | 2,500 | | |
| | | 45,000 | |
| Geological Mapping | | | |
| Geologist 70 days @ $400 | 24,000 | | |
| Room & board 70 days @$50 | 3,000 | | |
| Truck Rental @ $80/day | 4,800 | | |
| Air fare | 800 | | |
| | | 32,600 | |
| Stripping & Trenching | | | |
| Bulldozer & op. 66 hrs. @$55 | 8,000 | | |
| | | 8,000 | |
| | | | $100,000 |

Phase V Contingent Drilling

| | | | |
|---|---|---|---|
| Old mine area drilling | | | |
| 5,000 feet @ $16/ft. | 80,000 | | |
| New target drilling | | | |
| 4,500 feet @ $16/ft. | 73,600 | | |
| Mob/Demo | 6,000 | | |
| Bulldozer drill moves | | | |
| 126 hrs. @ $50 hr. | 6,300 | | |
| | | 165,900 | |
| Assays, 400 samples @ $10/s. | 4,000 | | |
| Geologist 60 days @ $400/d. | 24,000 | | |
| Room & board 60 days @ $50/d. | 3,000 | | |
| Truck rental @ $80/d. | 4,800 | | |
| Air fare | 800 | | |
| Core facility construction | 2,000 | | |
| Miscellaneous rentals, office etc. | 2,200 | | |
| | | 40,800 | $206,700 |
| | | | $306,700 |

Total Phase IV = $100,000
Total Phases IV & V = $306,700

Roy V. Beavon, B.Sc., Ph.D.

## REFERENCES


Reports by Sawyer Consultants Inc. for Mono Gold Mines Inc. dated as follows:

Feb. 14 1983 by J.B.P. Sawyer P.Eng.
Oct. 10 1984 by G.D.House F.G.A.C.
Dec. 20 1984 by G.D. House F.G.A.C.
Mar. 14 1985 by G.D. House F.G.A.C.
Apr. 12 1985 by G.D. House F.G.A.C.
May 31 1985 by R.V. Beavon F.G.A.C.
Aug 30 1985 by R.V. Beavon F.G.A.C.

Government Reports:

Miller & Knight (1914) Ann. Rept. Ont. Bur. Mines Vol.22.
P.E. Hopkins (1922) " " " Dept. " Vol.XXX.
V.B. Meen (1944) " " " " " Vol.51.
D.F. Hewitt (1968) Ont. Dept. Mines Geol. Rept. 73

APPENDIX - Certificates of analysis

# Chemex Labs Ltd.

212 Brooksbank A
North Vancouver, B (
Canada V7J 2
Telephone:(604) 984 022
Telex: 043-525

*Analytical Chemists* *Geochemists* *Registered Assayers*

CERTIFICATE OF ANALYSIS

TO : MUNO GOLD MINES INC.
C/O SAWYER CONSULTANTS INC.
1201 - 675 W. HASTINGS ST. c/o Colonial Inn
VANCOUVER, B.C. Madoc, Ontario
V6B 1N2 K0K 2K0.

CC: R. BEAVON

CERT. # : A8514039-001-
INVOICE # : I8514039
DATE : 22-JUL-85
P.O. # : NONE
MUNO N.E.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1129 G | 214 | 75.00 | -- | -- | -- | -- | -- |

Certified by ......................... Hart Bichler

RECEIVED JUL 3 1 1985

# Chemex Labs Ltd.

212 Brooksbank A...
North Vancouver, B.C.
Canada V7J 2C

Telephone:(604) 984-022
Telex 043-525

*Analytical Chemists • Geochemists • Registered Assayers*

## CERTIFICATE OF ANALYSIS

TO : MONO GOLD MINES INC.
C/O SAWYER CONSULTANTS INC.
1201 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8514038-001
INVOICE # : I8514038
DATE : 29-JUL-85
P.O. # : NONE
MONO N.E.

✓CC: R. BEAVON

| Parameter Description | Sample # 1 |
|---|---|
| Sample preparation code | 214 |
| Aluminium (pct) | 2 |
| Antimony (ppm) | <100 |
| Arsenic (ppm) | <100 |
| Barium (ppm) | 70 |
| Beryllium (ppm) | <2 |
| Bismuth (ppm) | 200 |
| Boron (ppm) | 70 |
| Cadmium (ppm) | <20 |
| Calcium (pct) | 2 |
| Chromium (ppm) | 100 |
| Cobalt (ppm) | 50 |
| Copper (ppm) | 300 |
| Germanium (ppm) | <10 |
| Iron (pct) | 20 |
| Lead (ppm) | 10 |
| Magnesium (pct) | 2 |
| Manganese (ppm) | 500 |
| Molybdenum (ppm) | <100 |
| Nickel (ppm) | 100 |
| Niobium (ppm) | <200 |
| Potassium (pct) | 1 |
| Silicon (pct) | 20 |
| Silver (ppm) | 2 |
| Sodium (pct) | 0.5 |
| Thorium (ppm) | <500 |
| Tin (ppm) | <10 |
| Titanium (ppm) | 7000 |
| Vanadium (ppm) | 100 |
| Zinc (ppm) | 50 |
| Zirconium (ppm) | 50 |

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! SEMIQUANTITATIVE SPECTROGRAPH ANALYSIS !

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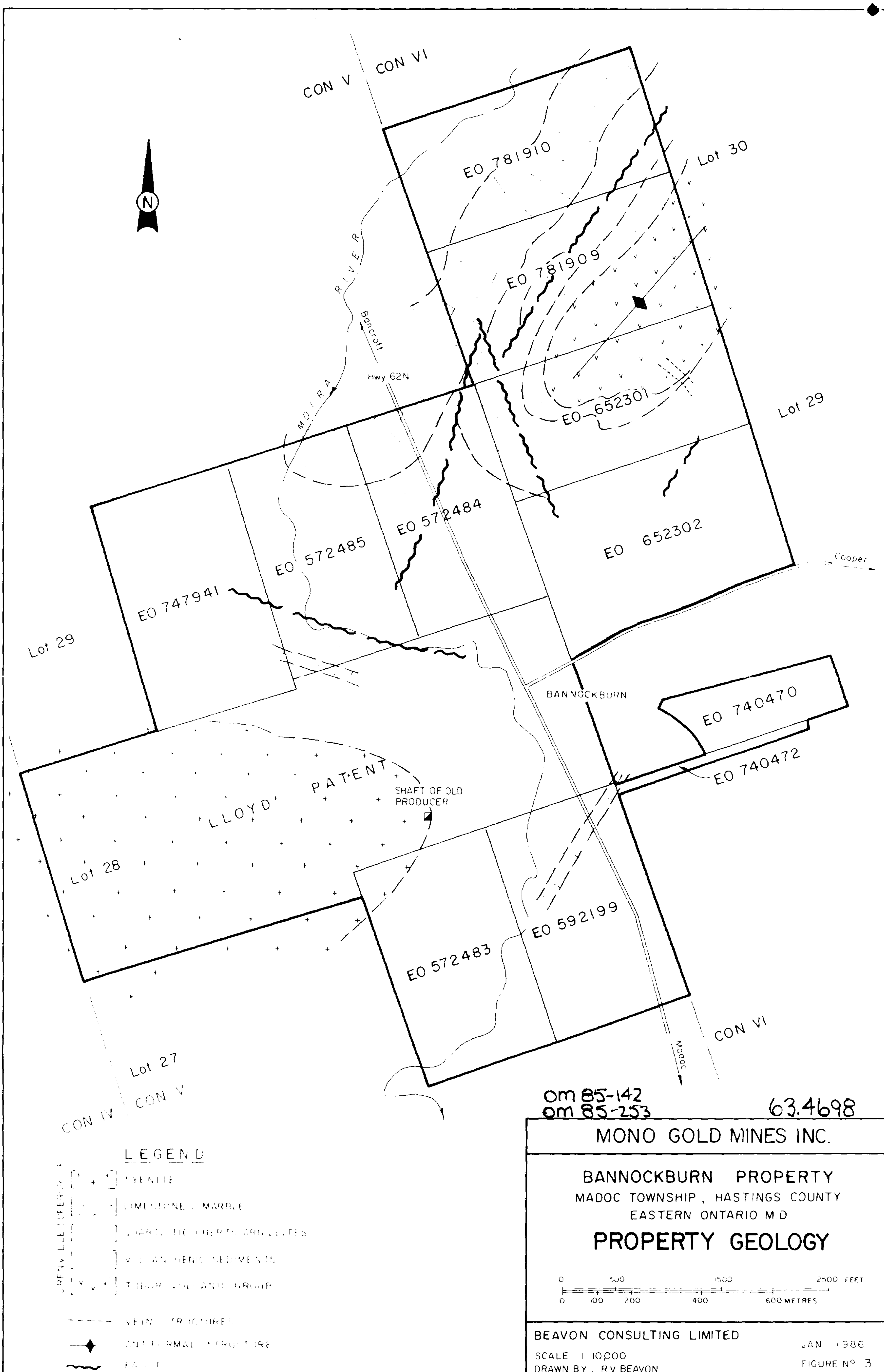
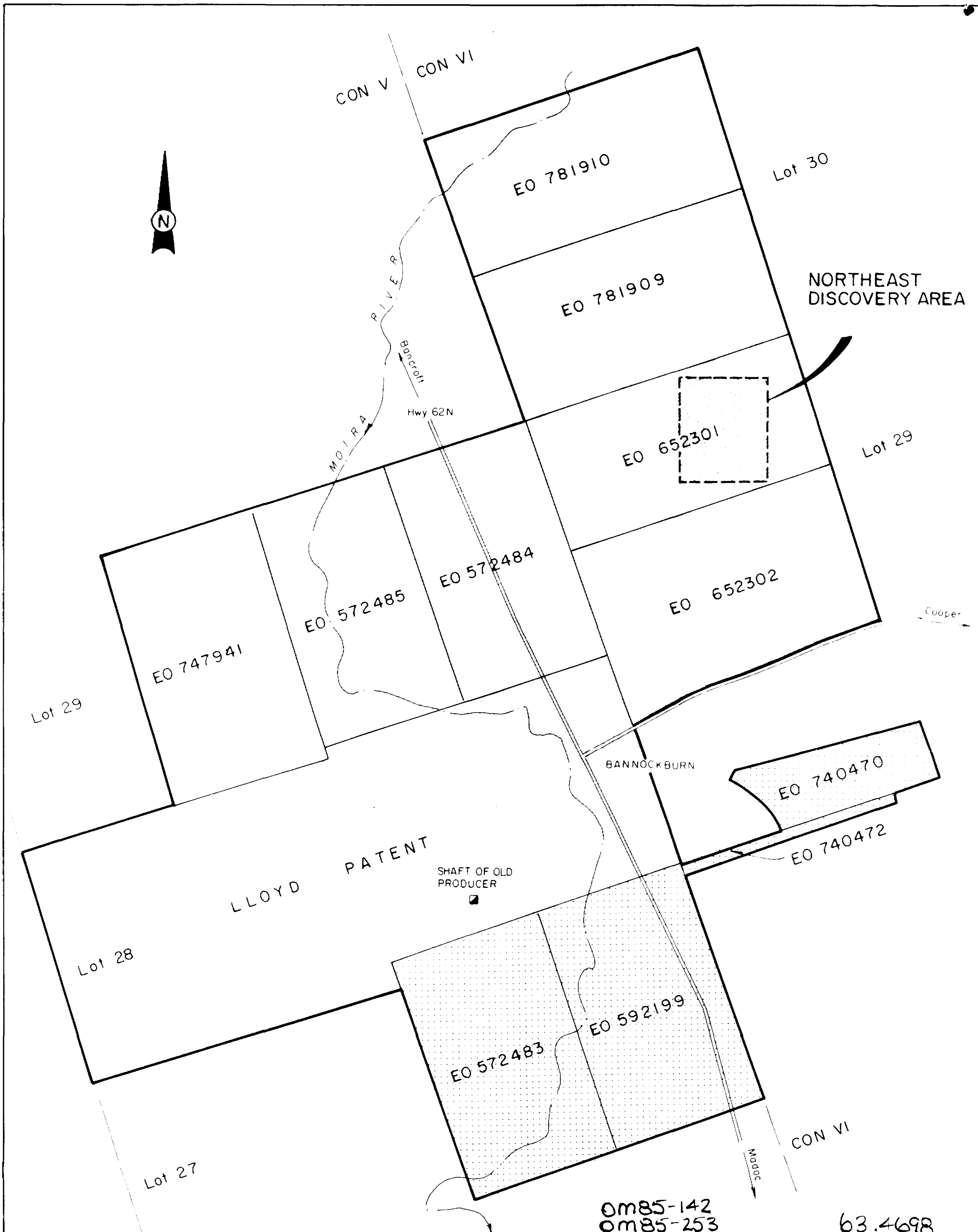
Sample description information
Sample # 1 1129 G

Preparation code description
214 Received as pulp

CTA

Certified by ......[signature]......


CON V
CON VI
EO 781910
Lot 30
N
EO 781909
MOIRA RIVER
Bancroft
Hwy 62N
EO 652301
Lot 29
EO 572484
EO 572485
EO 652302
Cooper
EO 747941
Lot 29
BANNOCKBURN
EO 740470
EO 740472
LLOYD PATENT
SHAFT OF OLD PRODUCER
Lot 28
EO 592199
EO 572483
CON VI
Madoc
Lot 27
CON IV
CON V
LEGEND
FAULT
om 85-142
om 85-253
63.4698
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D.
PROPERTY GEOLOGY
0 500 1500 2500 FEET
0 100 200 400 600 METRES
BEAVON CONSULTING LIMITED
JAN 1986
SCALE 1:10,000
DRAWN BY R.V. BEAVON
FIGURE Nº 3




om85-142
om85-253

63.4698

LEGEND

GEOCHEMICAL MAP FIGURE Nº. 5 a b

" " " 6 a, b, c

" " " " 7 a, b, c

" " " " 8 a, b, c

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY

EASTERN ONTARIO M.D.

## GEOCHEMICAL MAP INDEX TO AREAS OF FIGURE Nº.

0 500 1500 2500 FEET

0 100 200 400 600 METRES

BEAVON CONSULTING LIMITED

SCALE 1:10,000

DRAWN BY R.V. BEAVON

JAN 1986

FIGURE Nº. 4

CHONG

63.4698

**SAWYER CONSULTANTS INC.**

COPY



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# REPORT

on the

BANNOCKBURN PROPERTY, NORTHEAST AREA

PHASE THREE DIAMOND DRILL PROGRAM

Madoc Township, Ontario

for

MONO GOLD MINES INC.

May 31, 1985

Amended August 21, 1985

Suite 1201, The Royal Bank Building, 675 W. Hastings Street, Vancouver, B.C. V6B 1N2 Phone: (604) 669-6363

31C12NE0036 63.4698 MADOC

020C

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SAWYER CONSULTANTS INC.

# Addendum

In May 1985 Sawyer Consultants Inc. prepared a Report on the Bannockburn Property, Northeast Area, Phase Three Diamond Drill Program, Madoc Township, Ontario for Mono Gold Mines Inc. The Report was dated May 31, 1985.

In August 1985 this Report, with three earlier Reports by Sawyer Consultants Inc. on the Bannockburn Property, were submitted to the Vancouver Stock Exchange by Mono Gold Mines Inc. as part of their Statement of Material Facts. The Vancouver Stock Exchange, in a letter dated August 9, 1985, listed several deficiencies in the Technical Report, some of which applied to the Report of May 31, 1985.

In order to repair the deficiencies indicated by the Vancouver Stock Exchange we have amended the Report of May 31, 1985 as follows:

1. We have included an inset Location Plan on Figures 4 and 9 to show the relative position of the Northeast Area to the whole property.

2. We have expanded the Introduction to describe the earlier work programs carried out on the property for Mono Gold Mines Inc. since 1981.

3. We have included in the Summary the statement that there are no production records available for the Bannockburn Gold Mine. In our earlier Report on the Bannockburn Property, Madoc Township, Ontario for Mono Gold Mines Inc. dated February 14th, 1983, we outlined the early history of the area and of the property. There are no reliable production records available for any of the several gold mines that operated in the area prior to the turn of the century.

4. We have included in the Summary the Statement that the vein widths vary between 0.2 feet and 3.0 feet.

5. We have amended the Claim Map, Figure 2, to better indicate the respective claim holdings in the area and the status of Surface and Mining Rights as of the date of the original Report, May 31, 1985.

These amendments have been made at the request of Mono Gold Mines Inc. and do not affect the Conclusions and Recommendations of the original Report dated May 31, 1985.

Respectfully submitted,

SAWYER CONSULTANTS INC.

August 21, 1985

Roy V. Beavon, B.Sc., Ph.D.
F.G.A.C.

## INTRODUCTION

The former Bannockburn Gold Mine is on patented ground in Lot 28, Concession V, in Madoc Township. This property, together with some adjacent lots and claims, which have similarly been patented either for surface and mining rights or surface rights only, were acquired by Mono Gold Mines Inc. in 1981 and now constitute the Bannockburn property.

Sawyer Consultants Inc. were retained to carry out preliminary examination and to outline further exploration on the property. The preliminary examination was carried out in June 1981 by J.B.P. Sawyer, P.Eng., and an initial exploration program of geophysical surveying, geological mapping and sampling was recommended.

The initial program was carried out during the period from late July to November 1981 under the supervision of J.B.P. Sawyer, P.Eng. The program consisted of establishment of a picket line grid in the area of the main showing extending to the north and south, and eastwards to the river. A geophysical survey was run over the grid, consisting of a VLF-EM and a magnetometer survey. Geological mapping and sampling, in conjunction with a limited amount of stripping and trenching using a bulldozer/backhoe, was carried out. A short diamond drilling program totalling 1725 feet in eleven holes, designed primarily to test the main known ore structure in the vicinity of the old shaft and trenches, was completed during late September and October 1981. Further work on the property was recommended in the report by Sawyer Consultants Inc. dated February 14th, 1983, however the programs were held in abeyance pending an improvement in the economic and investment climate.

In early 1984 the picket line grid was extended to cover all the claims comprising the Bannockburn property and geophysical surveys comprising VLF-EM and magnetometer surveys were run over the renovated and extended grid. The surveys outlined several new areas of interest as well as confirming the previous conductors. A geological mapping program over the extended grid was carried out during September 1984 by Gordon D. House, M.S., F.G.A.C., of Sawyer Consultants Inc. The geophysical anomalies were evaluated on the ground and some limited sampling of quartz veins located during the traverses was carried out. Several areas of interest were outlined and further work was recommended in the Summary Report by Sawyer Consultants Inc. dated October 10th, 1984.

A diamond drilling program to test the Main Vein on the Bannockburn Gold Mine to depth was recommended, as well as drill programs to test the EM conductors occurring within the syenite to the west of the mine area. The stripping and trenching program recommended in the Northeast area of the property to evaluate a quartz vein which returned an assay value of 0.966 oz./ton gold from a grab sample was carried out in late November 1984 under the direction of Gordon D. House, M.S., F.G.A.C., of Sawyer Consultants Inc. Results

## SUMMARY

Madoc Township, in the Eastern Ontario Mining Division, was the site of the first discovery of lode gold in the Province of Ontario in 1866. The resulting "gold rush" resulted in the staking of several other gold properties some of which were worked over the next forty or fifty years. One of these, lying only a few miles north of the site of the original discovery, was the Bannockburn Gold Mine on Lot 28, Concession V. This property, together with adjacent ground to the north, south, and northeast, held as staked claims, was acquired by Mono Gold Mines Inc.

On the original Bannockburn gold mine fairly extensive excavation work, including the sinking of a 70 foot shaft, provided access to the ore zone which supplied mill feed to a stamp mill located on the property up to about 1905. Since that time the only other work of consequence has been a program of exploration trenching and drilling carried out in 1965-66, which was curtailed prematurely due to legal and financial difficulties. There are no production records available.

In 1981, Mono Gold Mines Inc. carried out a preliminary exploration program covering the main showing area around the old shaft and between that point, located on the contact between the intrusive Gawley Creek syenite and the metasedimentary rocks, and the Moira River. The work completed included geological mapping, electromagnetic and magnetic geophysical surveys, a limited amount of stripping and trenching, and a preliminary drill program involving 1725 feet in eleven short drill holes.

The work program confirmed the existence of the main ore zone on which the original workings were based and returned some gold assays indicating the occurrence of gold within the structure. Further work was recommended including geophysical surveying and geological mapping over the whole area of the property.

In early 1984, Mono Gold Mines Inc. extended the picket line grid to give complete coverage of the property and carried out electromagnetic and magnetic surveys over the grid. A geological mapping program was completed in September 1984, comprising limited sampling of quartz veins and ground evaluation of geophysical anomalies. Several areas of interest in the Northeast Area of the property were outlined and recommendations were made for a trenching and sampling program to further evaluate the quartz vein system discovered.

The First Phase Exploration program of stripping and trenching was completed in late November 1984, confirming the gold mineralization associated with the quartz vein systems. A diamond drilling program to test the quartz vein system to depth was recommended as the Second Phase of Exploration.

## LOCATION AND ACCESS

The property is located in the northern part of Madoc Township in Hastings County in eastern Ontario. The claims surround the village of Bannockburn, which is a small unincorporated settlement located on provincial highway #62, approximately 10 miles north of the town of Madoc, and 25 miles north of Belleville on Lake Ontario. Highway #7 connects Madoc with the major centres of Peterborough to the west-southwest and with the city of Ottawa to the east. The distance from Madoc to Ottawa is approximately 130 miles.

Access to the property is by paved highway #62 to the village of Bannockburn itself. The portion of the property lying west of highway #62 is reached by a private company road onto Lot 28 which crosses the Moira River by means of a wooden bridge. Bush trails and roads which were upgraded during the 1981 exploration program provide access by truck or on foot to the area of the old Bannockburn gold mine and further west. The concession road between Concessions IV and V provides limited access to the western part of the property and could easily be upgraded to provide full access both to the western part of the property and the old mine area.

The Northeast Area of the property, lying east of highway #62, can be reached by means of the abandoned railroad grade at the old Bannockburn Station located just north of the village of Bannockburn. The area of interest on L.39N around 32+00E was opened to access by means of an older railroad grade running east from the Bannockburn Station site. This grade was cleared for 700 feet to the east and 1700 feet of bulldozer trail was constructed in November 1984 to provide access for four-wheel drive vehicles.

## NORTHEAST AREA - THIRD PHASE EXPLORATION - DIAMOND DRILL PROGRAM

The May 1985 drill program commenced on May 9, 1985 and was suspended on May 15, 1985 after the completion of 1330 feet of drilling. Six BQ holes were put down to further investigate high grade gold-bearing quartz veins that had been intersected during the February 1985 drill program. This earlier drilling program consisted of eight holes drilled on azimuths of $108^{o}$ at angles of $-50^{o}$ and $-60^{o}$.

The May 1985 program of drilling commenced with two $-50^{o}$ holes along an azimuth of $288^{o}$. A single $-50^{o}$ hole was drilled on an azimuth of $108^{o}$, and the remaining two holes were drilled vertically or at $-90^{o}$. The six holes drilled in May 1985 were consecutively numbered from 85-9 to 85-14 and their locations are shown together with the February holes on the diamond drill plan (Fig. 4).

The drill cores were inspected on site and then transported to the Ketcheson farm near Eldorado for logging, core splitting and sampling. After, the cores were deposited at the Tweed Core Library of the Ontario Ministry of Natural Resources. They will be held confidential for a period of six months from May 21, 1985.

The drill cores were logged and samples taken from selected intervals using a Longyear wheel type core splitter. Sample splits were carefully tagged, logged, and stored in a secure area before being shipped by bus to Bondar-Clegg & Company Ltd. in Ottawa. (Note: The first 13 samples were assayed in the Vancouver Labratory of Bondar-Clegg & Company Ltd.) The samples were fire assayed for gold and silver. with checks for native gold screened out at +150 mesh. Assay results were mailed to Mono Gold Mines Inc. and Sawyer Consultants Inc. in Vancouver, B.C., and were held in strict confidence until complete information was released to the Company.

Table 2 shows the results of the May 1985 drilling. Visible native gold was noted in four of the six drill holes completed, the assays being in good agreement with observations made when logging the cores.

Table 2. Significant assay results of the Third Phase Exploration Drilling Program, Northeast Area, Bannockburn Property.

| Hole No. | Footage | Core Length (in feet) | Au oz./ton | Au oz./ton |
|---|---|---|---|---|
| 85-9 | 92.9 - 93.9 | 1.0 | | 4.104 |
| 85-10 | 36.5 - 39.5 | 3.0 | 1.50 | 1.297 |
| 85-10 | 39.5 - 40.5 | 1.0 | 0.118 | 0.023 |
| 85-11 | 40.9 - 42.2 | 1.3 | 29.23 | 12.30 |
| 85-11 | 42.2 - 43.2 | 1.0 | 0.160 | 0.129 |
| 85-13 | 133.5 - 134.5 | 1.0 | 0.032 | 0.123 |
| 85-14 | 26.0 - 27.8 | 1.8 | 1.139 | 0.406 |

Note: These assays are derived from two or more vein structures.

## DISCUSSION OF RESULTS

Phase Three drill results have changed the interpretation of the direction and angle of dip of the previously drilled auriferous quartz veins in the Northeast Area of the Bannockburn property. Evidence from the surface and all drilling to date now suggests that there may be as many as four sub-parallel veins striking due north, and dipping between 38° and 55° to the east. The evidence is presented in Figures 3, 5, and 6.

A further significant result of the May 1985 drilling is the fact that the "Discovery Vein" (see Fig. 4, sample No. 15814) could not have been intersected by the February drilling as had originally been thought. Instead, the first round of drilling must have intercepted a deeper vein, equivalent to one of the "Old Timer" veins that outcrop in surface pits shown on the diamond drill plan (Fig. 4) and Section 60NE (Fig. 5).

Fig. 3 is a projection of all drill intercepts recorded to date for the Northeast Area of the Bannockburn property. This is a vertical dip section drawn perpendicular to the Discovery Vein, and shows points representing the depth versus horizontal distance of each intercept from a vertical reference line drawn from the surface outcrop of the Discovery Vein. Each intercept greater than 0.1 oz./ton Au is labelled according to its hole number, and it can be seen that most of the points fall into four main groups representing the probable dip sections of at least four sub-parallel vein structures. This multiple vein interpretation relies to some extent on an absence of faulting that might have the effect of repeating one or more veins in the projections. However, the rapid rate of drill penetration and the excellent core recovery tend to discount faulting in the area drilled to date.

Present information suggests that most of the postulated vein structures are open along strike and down dip within the 300 ft. by 200 ft. area explored to date. Some preliminary estimates of the strike lengths and dip lengths of mineralized areas, or "shoots," within the veins are given in Table 3. Initial results indicate a possible southeastward rake to the shoots.

Table 3. Preliminary estimates of strike and dip lengths of mineralized shoots.

| Structure | Drill Section | Strike Length | Dip Length |
|---|---|---|---|
| Discovery Vein | 20SW, 170SW | >185 ft. | > 60 ft. |
| Old Timer No. 1 | 20SW, 120NE, 60NE | >100 ft. | >200 ft. |
| Old Timer No. 2 | 00, 50SW, 120NE | >180 ft. | >160 ft. |

Deeper Veins: Insufficient information.

The assays obtained from the Northeast Area of the Bannockburn property are of spectacular grade partly because of the narrow widths of the quartz veins. Assays are expressed in ounces per ton rather than tenths of ounces. When allowance is made for a 5.0 ft. mining width, however, the grades revert to tenths of ounces with few exceptions.

Furthermore, it must be pointed out that the eight holes (85-1 to 85-8) drilled in February 1985 were drilled at an oblique angle to the dip of the vein structures, as we now know them. In order to estimate the true widths of the oblique holes, the intercept widths of the $-50^{o}$ holes should be reduced by 66%, and intercept widths of the $-60^{o}$ holes should be reduced by 50%. The resultant assay times (revised) width is then divided by 5 to dilute the grade to a true mining width. Table 4 is a first attempt to revise the widths and grades according to the formula discussed above.

Table 4. Modification of drill intercepts to a true mining width of 5.0 ft.*

| Hole No. | Azimuth | Inclination | Sample No. | oz./ton Au | Core Length Ft. | Diluted Grade 5.0 Ft. |
|---|---|---|---|---|---|---|
| 1 | $108^{o}$ | $-50^{o}$ | 15888 | 0.390 | 1.0 ) | 0.458 |
| | | | 15889 | 3.250 | 2.0 ) | |
| 3 | $108^{o}$ | $-50^{o}$ | 15913 | 0.245 | 1.0 ) | |
| | | | 15914 | 5.869 | 1.0 ) | 0.427 |
| | | | 15915 | 0.305 | 1.0 ) | |
| 3 | $108^{o}$ | $-50^{o}$ | 15922 | 0.690 | 3.0 | 0.137 |
| 4 | $108^{o}$ | $-60^{o}$ | 15930 | 0.785 | 1.5 | 0.117 |
| 4 | $108^{o}$ | $-60^{o}$ | 15938 | 0.375 | 3.0 | 0.112 |
| 6 | $108^{o}$ | $-60^{o}$ | 66906 | 0.789 | 2.0 ) | 0.623 |
| | | | 66907 | 4.655 | 1.0 ) | |
| 9 | $288^{o}$ | $-50^{o}$ | 71306 | 4.104 | 1.0 | 0.697 |
| 10 | $288^{o}$ | $-50^{o}$ | 71332 | 1.297 | 3.0 | 0.660 |
| 11 | Vertical | | 71342 | 12.30 | 1.3 | 2.296 |
| 14 | Vertical | | 71367 | 1.139 | 1.8 | 0.290 |

*Azimuth $108^{o}$ $-50^{o}$ intercept widths reduced by 66% )
$108^{o}$ $-60^{o}$ intercept widths reduced by 50% ) to make allowance
$288^{o}$ $-50^{o}$ intercept widths reduced by 15% ) for intercept angles.
vertical intercept widths reduced by 30% )

## CONCLUSIONS AND RECOMMENDATIONS

The Bannockburn Northeast Area has yielded numerous high-grade gold assays from core samples containing visible native gold. The cores are from a multiple vein system that is 300 feet long and extends down-dip for over 200 feet. The veins appear to be open along strike to the north and south, and also down-dip to the east.

Fire assays of February and May 1985 drilling programs have been checked and it is clear that high grade zones of gold mineralization are present. Some assay rejects have given lower, but still encouraging assays, confirming the tenor of the original assay pulps. In future it will be advisable to screen all assays for metallic gold, and to implement a formula for cutting unusually high assays.

Over half of the high grade intercepts to date are from cores oblique to the vein structures, but even after adjusting for true widths the values remain encouraging.

At the present time it should be emphasized that it is too early to predict the economic potential of the Northeast Area of the Bannockburn property. The results to date are of sufficient interest to continue and expand the Third Phase of Exploration.

While some of the proposed drilling can be done during the summer months, half the program should await freeze-up. The 8000 feet of proposed drilling is shown on the revised drill plan (Fig. 9), and consists of one -45° and one -90° hole from each set-up. This plan may have to be modified to suit the rake of the auriferous zones, but the initial plan is to drill three main fences of holes, as follows:

Table 5. Proposed Drill Program.

| | 1900E | | 2000E | | 2100E | | 2200E | | |
|---|---|---|---|---|---|---|---|---|---|
| -45° | 160 ft. | | 200 ft. | | 300 ft. | | 350 ft. | | |
| -90° | 250 ft. | | 300 ft. | | 400 ft. | | 450 ft. | | |
| | 410 ft. | | 500 ft. | | 700 ft. | | 800 ft. | | |
| Set-ups | 4 | | 1 | | 5 | | 3 | | |
| Footage | 1640 | + | 500 | + | 3500 | + | 2400 | = | >8000 ft. |

The expansion of the program proposed by G.D. House in his March 14th report is considered to be justified by the multiple vein interpretation together with the gold tenor of the results to date as modified and reinterpreted in this report.

Contingent on the success of the drilling, a program of underground exploration should be embarked upon as soon as enough information is available from the proposed drill program.

## CERTIFICATE OF QUALIFICATION

I, Roy V. Beavon, of Richmond, British Columbia,

DO HEREBY CERTIFY THAT

1. I am a Consulting Geologist, a graduate of the University of Wales, Aberystwyth, with first class B.Sc. (1957) and Ph.D. (1960) in Geology.

2. That I am a member of the Canadian Institute of Mining and Metallurgy, a Fellow of the Geological Association of Canada, a Fellow of the Geological Society of London, a member of the Society of Economic Geologists, and the Association of Prospectors and Developers.

3. That I have practised my profession as a Geologist since 1960 in the U.K., the U.S.A., and Canada.

4. That the information, opinions, and recommendations in this report are based on work carried out by me during the period 9th May to 17th May, 1985, and on work completed by Sawyer Consultants Inc. prior to that date.

5. That I have no direct or indirect interest in any of the subject properties of this report, nor in the shares or securities of Mono Gold Mines Inc., or associated companies, nor do I expect to receive such interest.

R.V. Beavon, B.Sc., Ph.D.
F.G.A.C.

Dated at Vancouver, British Columbia this 31st day of May, 1985.

Sawyer, J.B.P., 1983: Report on the Bannockburn Property, Madoc Township, Ontario for Mono Gold Mines Inc.; Sawyer Consultants Inc. private report dated Feb. 14, 1983.

Thompson, W.H., 1984: Magnetic and VLF Electromagnetic Surveys for Mono Gold Mines Inc. on the Bannockburn Property, Madoc Township; Geosearch Consultants Ltd., Apr. 3, 1984.

130 Pemberton Ave
North Vancouver B C
C V7P 2R5
P 04) 985-0681
T 04 352667

BONDAR-CLEGG

# Certificate of Analysis

RECEIVED MAY 2 8 1985

REPORT: 425-0720

PROJECT: MONO PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | Au OPT | Ag OPT |
|---|---|---|---|
| R2 71301 | | <0.002 | 0.02 |
| R2 71302 | | 0.002 | 0.04 |
| R2 71303 | | 0.003 | <0.02 |
| R2 71304 | | <0.002 | <0.02 |
| R2 71305 | | <0.002 | <0.02 |
| R2 71306 | | 4.104 | 0.19 |
| R2 71307 | | 0.056 | 0.03 |
| R2 71308 | | 0.015 | 0.02 |
| R2 71309 | | 0.011 | 0.02 |
| R2 71310 | | 0.002 | 0.07 |
| R2 71311 | | 0.054 | 0.02 |
| R2 71312 | | 0.073 | 0.03 |
| R2 71313 | | 0.019 | 0.02 |

Registered Assayer, Province of British Columbia

Company Ltd.
5420 ...
Ontario
K1J 8X5
(613) 749-2220
Telex 053-3233

**Certificate of Analysis**

RECEIVED MAY 31 1985

REPORT: 415-1101

PROJECT: ROWD RE, RAY     PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | Ag O/T | Au O/T | Au O/T |
|---|---|---|---|---|
| 71314 | | 0.04 | <0.001 | |
| 71315 | | 0.01 | 0.003 | |
| 71316 | | 0.01 | <0.001 | |
| 71317 | | 0.01 | 0.004 | |
| 71318 | | 0.04 | <0.001 | |
| 71319 | | 0.14 | <0.001 | |
| 71320 | | 0.05 | <0.001 | |
| 71321 | | 0.01 | <0.001 | |
| 71322 | | 0.04 | <0.001 | |
| 71323 | | 0.01 | <0.001 | |
| 71324 | | 0.01 | 0.001 | |
| 71325 | | 0.01 | <0.001 | |
| 71326 | | 0.01 | <0.001 | |
| 71327 | | 0.01 | <0.001 | |
| 71328 | | 0.01 | <0.001 | |
| 71329 | | <0.01 | <0.001 | |
| 71330 | | 0.04 | <0.001 | |
| 71331 | | 0.01 | <0.001 | |
| 71332 | | 0.13 | 1.500 | |
| 71333 | | 0.02 | 0.118 | |
| 71334 | | 0.05 | 0.001 | |
| 71335 | | 0.03 | 0.001 | |
| 71336 | | 0.11 | 0.002 | |
| 71337 | | 0.05 | 0.002 | |
| 71338 | | 0.06 | 0.005 | |
| 71339 | | 0.04 | 0.004 | |
| 71340 | | 0.11 | 0.010 | |
| 71341 | | 0.20 | 0.001 | |
| 71342 | | 1.48 | | 29.23 |
| 71343 | | 0.12 | 0.160 | |
| 71344 | | 0.21 | 0.042 | |
| 71345 | | 0.32 | 0.014 | |
| 71346 | | 0.15 | 0.011 | |
| 71347 | | 0.32 | 0.009 | |
| 71348 | | 0.21 | 0.007 | |

C. Rankin

Chief Chemist

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.
Ottawa, Ontario,
Canada K1J 8X5
Phone (613) 749-2220
Telex 053-3233

# Certificate of Analysis

RECEIVED MAY 30 1985

REPORT: 415-1144

PROJECT: NONE PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | Au O/T | Ag O/T |
|---|---|---|---|
| 71349 | | 0.002 | <0.01 |
| 71350 | | 0.008 | <0.01 |
| 71351 | | 0.006 | 0.01 |
| 71352 | | 0.006 | 0.09 |
| 71353 | | <0.001 | <0.01 |
| 71354 | | <0.001 | <0.01 |
| 71355 | | 0.002 | 0.01 |
| 71356 | | 0.013 | 0.01 |
| 71357 | | 0.022 | 0.01 |
| 71358 | | 0.005 | <0.01 |
| 71359 | | 0.032 | 0.12 |
| 71360 | | 0.008 | 0.02 |
| 71361 | | 0.004 | <0.01 |
| 71362 | | 0.008 | <0.01 |
| 71363 | | <0.001 | 0.01 |
| 71364 | | 0.007 | 0.01 |
| 71365 | | <0.001 | 0.01 |
| 71366 | | <0.001 | <0.01 |
| 71367 | | 1.139 | 0.03 |
| 71368 | | <0.001 | <0.01 |
| 71369 | | 0.058 | 0.01 |
| 71370 | | <0.001 | 0.01 |
| 71371 | | <0.001 | 0.01 |
| 71372 | | <0.001 | <0.01 |

[illegible] & Company Ltd.
[illegible] Rd.
[illegible]
[illegible] K1J 8X5
[illegible] (613) 749-2220
[illegible] 053 3233

# Certificate of Analysis

REPORT: 515-1101

PROJECT:

| SAMPLE NUMBER | oz/ton Au -150 | grams -150 | oz/ton Au +150 | grams +150 | oz/ton Weighted Au Ave. |
|---|---|---|---|---|---|
| 71332 | 1.289 | 196.1 | 1.350 | 27.65 | 1.297 |
| 33 | 0.020 | 161.6 | 0.066 | 11.00 | 0.023 |
| 34 | 0.003 | 191.8 | L0.001 | 23.08 | 0.003 |
| 41 | L0.001 | 70.8 | L0.001 | 20.65 | L0.001 |
| 42 | 0.109 | 177.6 | 126.5 | 18.96 | 12.30 |
| 43 | 0.083 | 106.8 | 0.341 | 23.50 | 0.129 |
| 44 | 0.152 | 192.6 | 0.042 | 25.67 | 0.139 |

REMARKS: L means less than.
Sample type is reject.

[illegible signature]

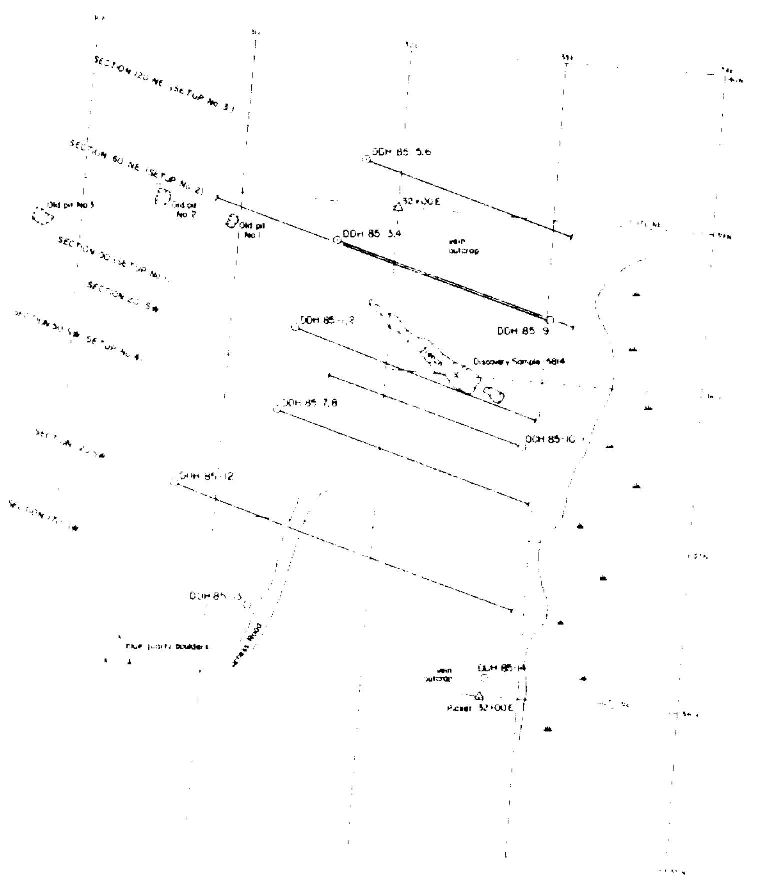
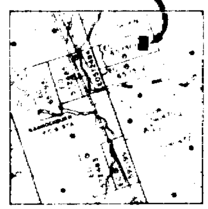



FIGURE 4 LOCATION



LEGEND

Diamond drill hole, inclined

Diamond drill hole, vertical

Trench

Flooded swamp area

MONO GOLD MINES INC

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

PHASES TWO and THREE

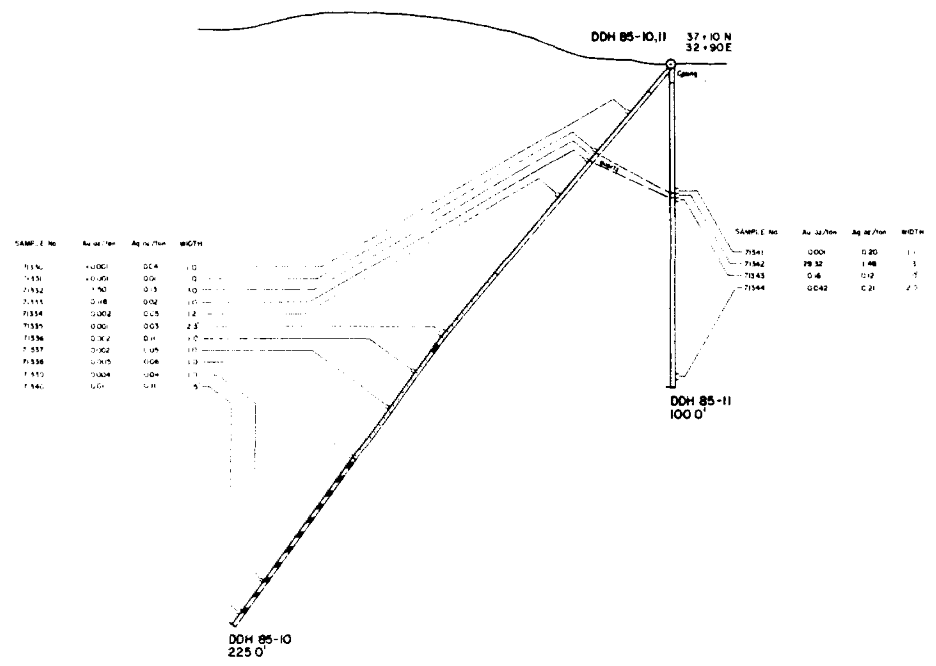
DIAMOND DRILL PLAN

40 20 0 40 80 120 FEET

SAWYER CONSULTANTS INC — MAY 1985

DRAWN BY XYS GRAPHICS — DESIGNED BY RVB — FIGURE 4

Reduced from original




| SAMPLE No. | Au oz/ton | Ag oz/ton | WIDTH |
|---|---|---|---|
| 71530 | <0.001 | 0.04 | 1.0 |
| 71531 | <0.001 | 0.01 | .0 |
| 71532 | 1.50 | 0.13 | 1.0 |
| 71533 | 0.48 | 0.02 | 1.0 |
| 71534 | 0.002 | 0.05 | 1.2 |
| 71535 | 0.001 | 0.03 | 2.3' |
| 71536 | 0.002 | 0.11 | 1.0 |
| 71537 | 0.002 | 0.09 | 1.0 |
| 71538 | 0.005 | 0.06 | 1.0 |
| 71539 | 0.004 | 0.04 | 1.0 |
| 71540 | 0.01 | 0.11 | .5' |

| SAMPLE No. | Au oz/ton | Ag oz/ton | WIDTH |
|---|---|---|---|
| 71541 | 0.001 | 0.20 | [illegible] |
| 71542 | 29.32 | 1.48 | .3 |
| 71543 | 0.16 | 0.12 | .5 |
| 71544 | 0.042 | 0.21 | 2.0 |

LEGEND

- Phyllitic argillites
- Limy biotite schists
- Metavolcanic unit
- Mafic dike

To accompany Report by
Roy V. Beavan, B.Sc., Ph.D., ...
dated May 11, 198_

MONO GOLD MINES INC

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

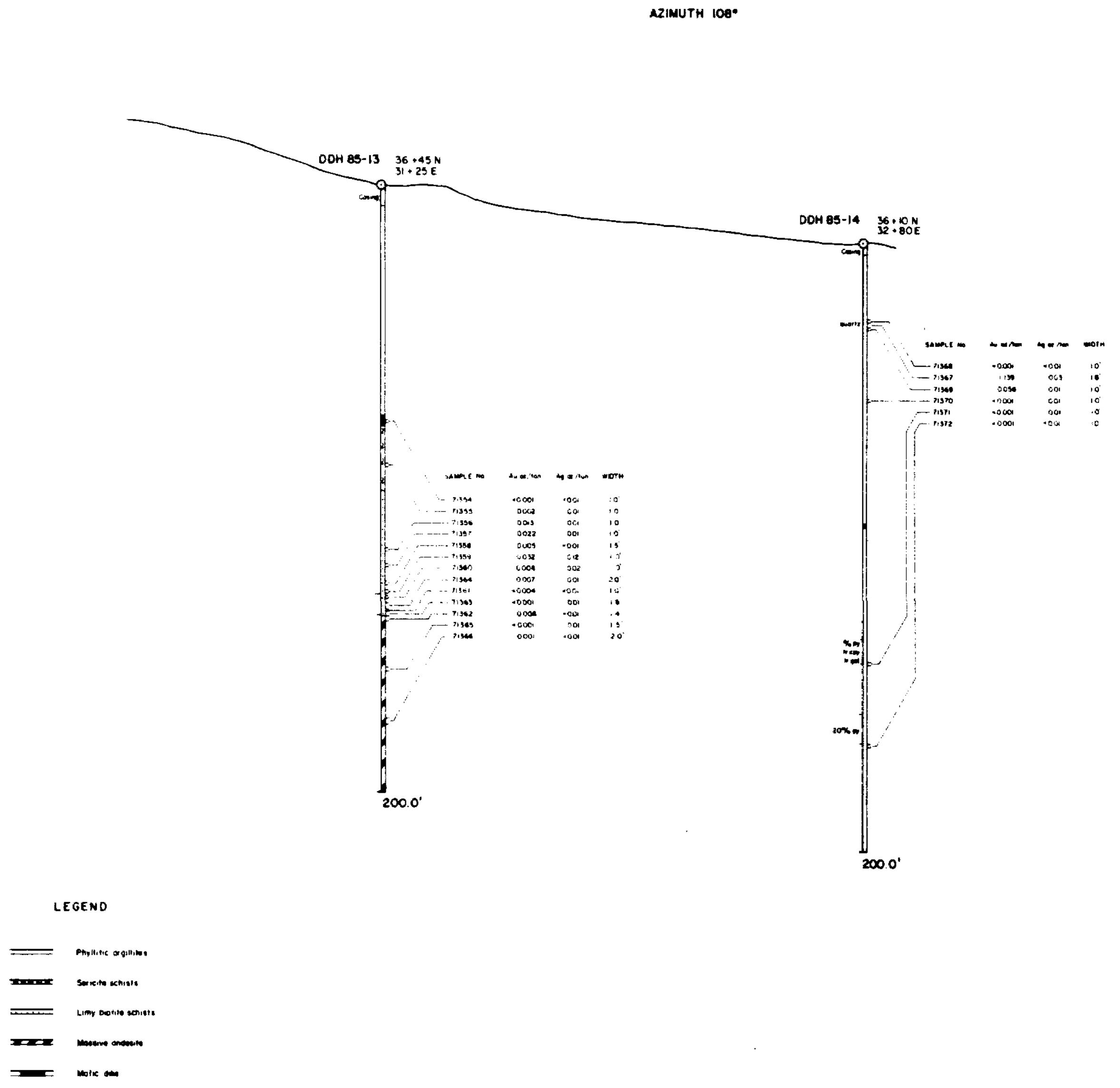
NORTHEAST AREA

DIAMOND DRILL SECTION 20 SW
DDH 85-10,11
GEOLOGY, SAMPLE INTERVALS AND ASSAYS

20 10 0 20 40 60 FEET

| | |
|---|---|
| SAWYER CONSULTANTS INC | MAY 1985 |
| DRAWN BY: XYZ GRAPHICS DESIGNED BY: RVB | FIGURE 6 |

Reduced from original




| SAMPLE No | Au oz./ton | Ag oz./ton | WIDTH |
|---|---|---|---|
| 71354 | <0.001 | <0.01 | 1.0' |
| 71355 | 0.002 | 0.01 | 1.0 |
| 71356 | 0.015 | 0.01 | 1.0 |
| 71357 | 0.022 | 0.01 | 1.0' |
| 71358 | 0.005 | <0.01 | 1.5' |
| 71359 | 0.032 | 0.12 | 1.0' |
| 71360 | 0.004 | 0.02 | 1.0' |
| 71364 | 0.007 | 0.01 | 2.0' |
| 71361 | <0.004 | <0.01 | 1.0' |
| 71363 | <0.001 | 0.01 | 1.6 |
| 71362 | 0.004 | <0.01 | 1.4 |
| 71365 | <0.001 | 0.01 | 1.5' |
| 71366 | 0.001 | <0.01 | 2.0' |

| SAMPLE No | Au oz./ton | Ag oz./ton | WIDTH |
|---|---|---|---|
| 71368 | <0.001 | <0.01 | 1.0' |
| 71367 | 1.130 | 0.03 | 1.8' |
| 71369 | 0.056 | 0.01 | 1.0' |
| 71370 | <0.001 | 0.01 | 1.0' |
| 71371 | <0.001 | 0.01 | 1.0' |
| 71372 | <0.001 | <0.01 | 1.0 |

To accompany Report by
Roy V. Beavon, B.Sc., Ph.D., F.G.A.C.
dated May 31, 1985

**MONO GOLD MINES INC**

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

DIAMOND DRILL SECTION 170 SW
DDH 85-13,14
GEOLOGY, SAMPLE INTERVALS AND ASSAYS

20 10 0 20 40 60 FEET

| | |
|---|---|
| SAWYER CONSULTANTS INC | MAY 1985 |
| DRAWN BY XYS GRAPHICS · DESIGNED BY RVB | FIGURE 8 |

Reduced from original

REPORT OF THE

BANNOCKBURN PROPERTY, NORTHEAST AREA

PROSPECT

CONTINUATION OF PHASE III DIAMOND DRILLING

77° 33' W Longitude 44° 39' N Latitude

for

MONO GOLD MINES INC.

October 1985

BEAVON CONSULTING LIMITED

TABLE OF CONTENTS

## ILLUSTRATIONS

## SUMMARY


A total of 9728 feet of diamond drilling has now been completed on the Northeast Area Prospect of the Bannockburn property, Madoc Township, Eastern Ontario Mining Division. The drilling has defined the northern and eastern boundaries of visible native gold mineralization which occurs in four or more quartz-vein-structures for a total vein-length of 1260 feet. The veins, which vary in width from 0.1 to 3.0 feet, strike northwest and dip northeastwards at -45 to -65 degrees. The auriferous quartz veins are related to an important transverse or east-north-east striking flexure-fault that dips northwards at approximately 60 degrees, and the best gold values have been found within 300 feet to the north and south of that structure, mostly within the northwest striking vein-structures.

Since proven reserves of vein-deposits can only be established by underground mapping and sampling, only a preliminary drill-indicated tonnage and grade estimate can be made at the present time. Accordingly 98,750 tons grading 0.340 oz. ton/ Au are based on 24 drill intercepts that have been diluted to 5.0' true widths to a vertical depth ranging from 170 to 240 feet. In addition to this the drilling results also show that high grade linear shoots may be present along the important transverse flexure-fault which could have a positive impact on reserves when the results of underground development are known.

Present plans are to complete surface exploration and drilling on the entire property as recommended in the September 5th 1985 report, prior to any decision to initiate underground exploration and development.


# MONO GOLD MINES INC.

# BANNOCKBURN PROPERTY

MADOC TOWNSHIP

EASTERN ONTARIO MINING DIVISION

## GENERAL LOCATION MAP

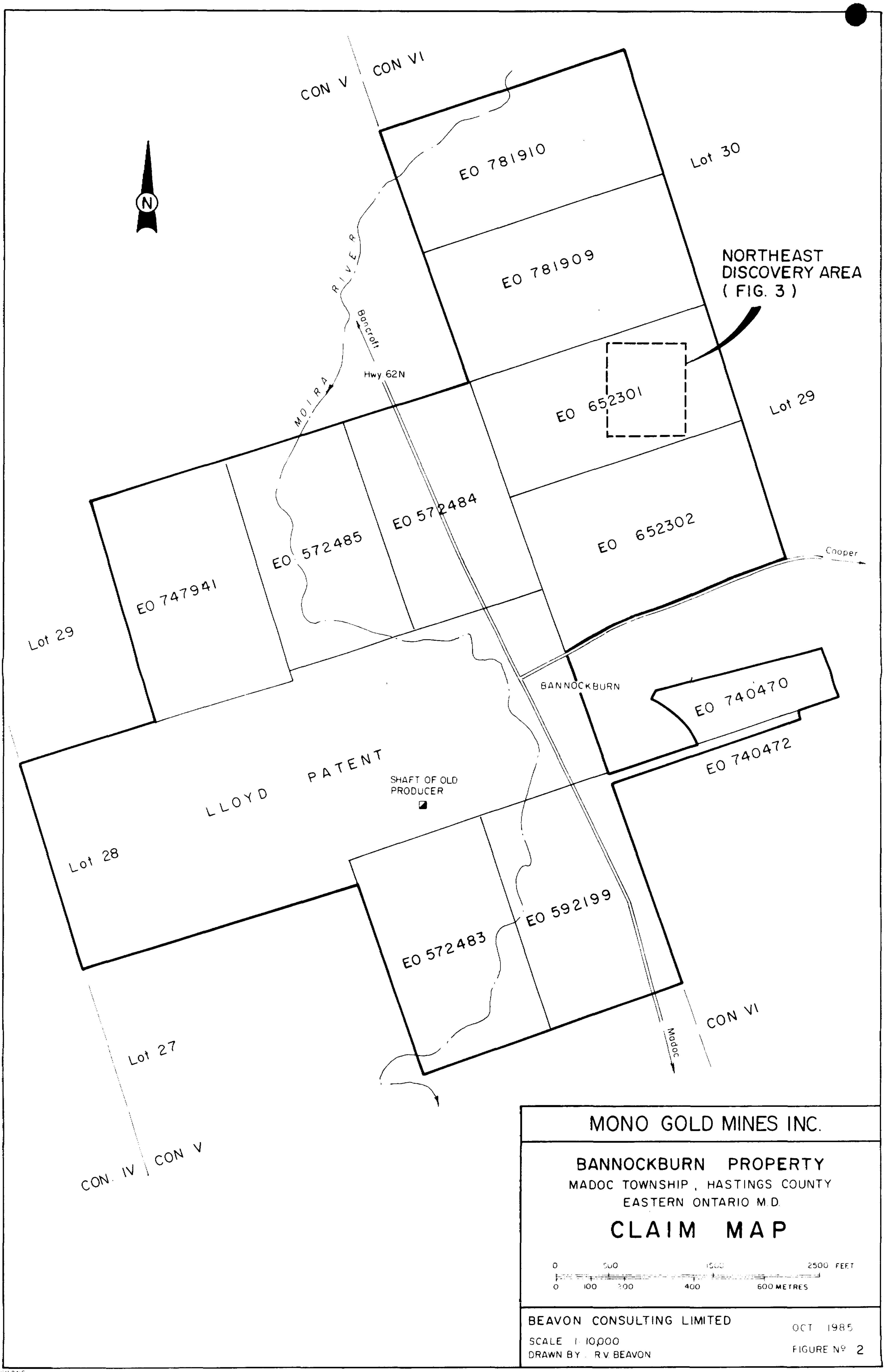
2

FIGURE I

## INTRODUCTION

Diamond drilling of the Northeast Area of the Bannockburn property has been proceeding intermittently since February 1985. A total footage of 9728 feet has been completed. Approximately 1500 feet remains to be done prior to consideration of a program of underground exploration and development. The present report describes the most recent round of drilling that took place in late August and September 1985. In general the results were poorer than in the previous three rounds of drilling, but both the depth and southeastern limits of mineralization have yet to be defined.

Because of the large number of reports completed in 1985, the present report omits references to the 'Location and Access' and 'History of Previous Work' which were fully covered in the August 30th, 1985 report. A new property map (Fig. 2) is included with this report indicating the addition of claims EO 740470 and EO 74072 to the Mono Gold Mines holdings in the Bannockburn area. However the ownership of the westernmost four acres of claims EO 74072 remains to be confirmed.


CON V
CON VI
N
Lot 30
EO 781910
EO 781909
NORTHEAST
DISCOVERY AREA
( FIG. 3 )
MOIRA RIVER
Bancroft
Hwy 62N
EO 652301
Lot 29
EO 572484
EO 572485
EO 652302
Cooper
EO 747941
Lot 29
BANNOCKBURN
EO 740470
EO 740472
LLOYD PATENT
SHAFT OF OLD
PRODUCER
Lot 28
EO 592199
EO 572483
CON VI
Madoc
Lot 27
CON. IV
CON V
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D.
CLAIM MAP
BEAVON CONSULTING LIMITED
OCT 1985
SCALE 1:10,000
DRAWN BY R.V. BEAVON
FIGURE Nº 2

## GEOLOGY, MINERALIZATION, AND STRUCTURE

These topics are fully covered in the August 30th report, with the exception of new rock-types encoutered in the northermost of the area,where holes 85-27 to 85-34 are drilled sub-parallel to the plunge of the Precambrian structures. Consequently each drill section tends to encounter new rock-units as the drill collars step across the regional strike to the north-west. The new rock-types are felsite, metadiabase and metagabbro.

The felsite varies from a massive, light grey, sometimes mottled, hard, fine-grained lithology to a dark weakly-chloritized glassy-textured lithology. Fragmental sections commonly display a dark glassy rhyolitic matrix. Short banded sections are also present. Either a pyroclastic or shallow fragmental intrusive origin seems likely for the felsite. Its intrusive nature may be confirmed by the fact that the felsite intercepts tend to plunge north-east, while the mafic lavas plunge south-west parallel to the general stratigraphy and structure (Fig. 8).

Auriferous quartz veins cut the felsite, but they are generally too low grade to make an economic grade of mineralization.

Metagabbro and metadiabase were seen mainly in hole 85-31 and these appear to be irregular sill-like sheets plunging with the Tudor Volcanic Group (Fig. 10). Unlike most of the felsites, the gabbros and metadiabases sometimes show evidence of foliation. No auriferous quartz veins have yet been noted in the basic intrusives.

Details of the structure of the auriferous veins are shown in Fig. 3 and discussed with the drill results. The gold bearing veins strike north-west and dip north-east at 45 to 64 degrees. They are intimately associated with a transverse flexure-fault (see August 30th report), and could be interpreted as tensional features due to the opening up 'AC' joints related to a Precambrian anticlinal structure.

Fig. 3 also shows structional contours drawn at the top of the Tudor Volcanic Group. The depth continuation of the important transverse flexure-fault is indicated by minor steps in the stratum-contours between DDH 85-25 and DDH 85-9.

## DIAMOND DRILL RESULTS TO DATE

Detailed statistics describing the diamond drill and assay results to date are included in tables 1 and 2 respectively. The most recent results are lower in average grade than those holes below the number of 17. The decrease in grade can be attributed to the gradual weakening of economic mineralization along strike towards the north; i.e. away from the well-mineralized area 300 feet north and south of the transverse flexure-fault described in the August 30th report.

The east-north-east striking flexure-fault was intercepted in holes 85-23 and 85-24 and a 60 degree dip towards the north-north-west in indicated for that struture.

The auriferous quartz veins are wider more numerous, and better mineralized in the vicinity of the flexure-fault, but their strike is almost normal to the strike of the latter. The veins dip towards the north-east at 45 to 64 degrees, and there is some evidence that they bend as they approach the flexure-fault (c.f. Fig. 4, 5, & 7; See also August 30th report page 15). Very little displacement occurs along the flexure-fault, a maximum of 20 feet being indicated by Fig. 5. In places the fault may be replaced by a flexure.

Four or more veins have been identified by their surface projection from drill sections (Fig. 3). They appear to be fairly consistent, but an extra vein appears in some holes which makes correlation somewhat hazardous. The veins are labelled 'A' to 'E' and 'Z' as shown on the Diamond Drill Plan (Fig. 3).

One obvious feature of the drill results is that the assay values are best near the flexure-fault and also near its down-dip extension, eg. Fig. 5. It may be concluded that the lines of intersection of the auriferous veins and the important flexure-fault are favourable areas for the development of higher-grade shoots of economic mineralization.

Only one vein has so far been recognized to the south of the flexure-fault. Accordingly some of the drilling is planned to search for the offset portions of other veins in that area. It is also hoped that the flooded area east of DDH 85-11 will freeze hard enough to allow winter drilling.

Table 1

Diamond Drill Data Phase II & III

| DDH | Easting | Northing | Inclination | Azimuth | Total Depth Ft. |
|---|---|---|---|---|---|
| 85-1 | 3897 | 2215 | -55 | 112 | 246 |
| 2 | 3897 | 2215 | -65 | 112 | 295 |
| 3 | 3916 | 2265 | -55 | 112 | 236 |
| 4 | 3916 | 2265 | -65 | 112 | 263 |
| 5 | 3932 | 2325 | -55 | 112 | 226 |
| 6 | 3932 | 2325 | -65 | 112 | 256 |
| 7 | 3890 | 2161 | -55 | 112 | 246 |
| 8 | 3890 | 2161 | -65 | 112 | 256 |
| 9 | 4055 | 2236 | -55 | 292 | 300 |
| 10 | 4050 | 2150 | -55 | 292 | 225 |
| 11 | 4050 | 2150 | -90 | --- | 100 |
| 12 | 3827 | 2112 | -55 | 112 | 305 |
| 13 | 3860 | 2040 | -90 | --- | 200 |
| 14 | 4020 | 2013 | -90 | --- | 200 |
| 15 | 4100 | 2350 | -60 | 272 | 256 |
| 16 | 4100 | 2350 | -75 | 272 | 286 |
| 17 | 4098 | 2430 | -45 | 272 | 404 |
| 18 | 4134 | 2605 | -90 | --- | 284 |
| 19 | 4238 | 2787 | -45 | 272 | 274 |
| 20 | 4275 | 1901 | -45 | 272 | 400 |
| 21 | 4095 | 2500 | -45 | 272 | 204 |
| 22 | 4095 | 2500 | -90 | --- | 355 |
| 23 | 4247 | 2340 | -72 | 272 | 435 |
| 24 | 4247 | 2340 | -45 | 225 | 305 |
| 25 | 4237 | 2425 | -55 | 272 | 334 |
| 26 | 4027 | 2625 | -45 | 235 | 284 |
| 27 | 4027 | 2035 | -70 | 235 | 300 |
| 28 | 4000 | 2700 | -45 | 235 | 324 |
| 29 | 4000 | 2700 | -70 | 235 | 364 |
| 30 | 3975 | 2798 | -45 | 235 | 304 |
| 31 | 3975 | 2798 | -70 | 235 | 373 |
| 32 | 3772 | 2896 | -45 | 235 | 300 |
| 33 | 3900 | 2423 | -45 | 235 | 288 |
| 34 | 3900 | 2423 | -70 | 235 | 300 |

Total Footage 9728
As at Sept. 30,1985.

Table 2

Drill Intercepts (unweighed original fire assays)

| | Interval | Core Length | Oz./ton Au. |
|---|---|---|---|
| DDH 1 | 17.6 - 19.0 | 1.4' | 0.045 |
| | 19.0 - 22.0 | 3.0' | 0.010 |
| | 27.0 - 28.5 | 1.5' | 0.015 |
| | 32.5 - 34.5 | 2.0' | 0.010 |
| | 56.5 - 57.5 | 1.0' | 0.390 |
| | 64.0 - 66.0 | 2.0' | 3.250 |
| | 66.0 - 68.0 | 2.0' | 0.105 |
| | 98.5 -100.5 | 1.5' | 0.010 |
| | 109.0 -110.5 | 1.5' | 0.015 |
| | 110.5 -112.0 | 1.5' | 0.020 |
| DDH 2 | 11.5 - 16.0 | 4.5' | 0.130 |
| | 16.0 - 17.5 | 1.5' | 0.120 |
| | 56.0 - 57.0 | 1.0' | 0.150 |
| | 103.0 -104.5 | 1.5' | 0.010 |
| | 239.5 -242.5 | 3.0' | 0.170 |
| DDH 3 | 47.0 - 48.0 | 1.0' | 0.245 |
| | 48.0 - 49.0 | 1.0' | 5.869 |
| | 49.0 - 50.0 | 1.0' | 0.305 |
| | 58.5 - 60.5 | 2.0' | 0.200 |
| | 75.0 - 76.5 | 1.5' | 1.094 |
| | 153.9 -155.0 | 1.1' | 0.285 |
| | 172.8 -176.0 | 3.2' | 0.690 |
| DDH 4 | 39.0 - 40.5 | 1.5' | 0.785 |
| | 40.5 - 43.0 | 2.5' | 0.015 |
| | 45.0 - 47.5 | 2.5' | 0.116 |
| | 52.0 - 53.0 | 1.0' | 0.019 |
| | 101.0 -103.0 | 2.0' | 0.355 |
| | 124.0 -127.0 | 3.0' | 0.375 |
| | 207.0 -210.0 | 3.0' | 0.041 |
| | 215.5 -218.5 | 3.0' | 0.021 |
| DDH 5 | 195.0 -198.0 | 3.0' | 0.066 |
| | 206.5 -208.0 | 1.5' | 0.045 |
| | 208.0 -211.0 | 3.0' | 0.042 |
| DDH 6 | 71.0 - 73.0 | 2.0' | 0.789 |
| | 73.0 - 74.0 | 1.0' | 4.655 |
| | 150.0 -152.0 | 2.0' | 0.176 |
| DDH 7 | 78.0 - 80.5 | 2.5' | 0.015 |
| | 133.5 -135.5 | 2.0' | 0.146 |
| | 143.5 -145.5 | 2.0' | 0.173 |
| DDH 8 | 78.0 - 81.0 | 3.0' | 0.026 |
| | 225.5 -227.0 | 1.5' | 0.035 |
| | 230.0 -233.0 | 3.0' | 0.010 |
| | 233.0 -235.0 | 2.0' | 0.043 |

Table 2 con't

| | Interval | Core Length | Oz./ton Au. |
|---|---|---|---|
| DDH 9 | 47.2 - 48.2 | 1.0' | 0.015 |
| | 92.9 - 93.9 | 1.0' | 4.104 |
| | 93.9 - 94.9 | 1.0' | 0.056 |
| | 106.6 -107.5 | 1.0' | 0.054 |
| | 118.6 -119.8 | 1.2' | 0.011 |
| | 120.0 -121.0 | 1.0' | 0.073 |
| | 148.0 -149.7 | 1.7' | 0.019 |
| DDH 10 | 36.5 - 39.5 | 3.0' | 1.500 |
| | 39.5 - 40.5 | 1.0' | 0.118 |
| | 220.0 -221.5 | 1.5' | 0.010 |
| DDH 11 | 40.9 - 42.2 | 1.3' | 29.230 |
| | 42.2 - 43.2 | 1.0' | 0.160 |
| | 97.5 - 99.5 | 2.0' | 0.042 |
| DDH 12 | 55.5 - 57.0 | 1.5' | 0.011 |
| DDH 13 | 121.0 -122.0 | 1.0' | 0.013 |
| | 125.0 -125.0 | 1.0' | 0.022 |
| | 133.5 -134.5 | 1.0' | 0.032 |
| DDH 14 | 26.0 - 27.8 | 1.8' | 1.139 |
| | 27.8 - 28.8 | 1.0' | 0.058 |
| DDH 15 | 24.5 - 25.5 | 1.0' | 0.016 |
| | 71.0 - 72.0 | 1.0' | 0.010 |
| | 72.0 - 73.4 | 1.4' | 2.048 |
| | 73.4 - 74.4 | 1.0' | 0.026 |
| | 204.9 -205.9 | 1.0' | 0.138 |
| DDH 16 | 88.8 - 89.8 | 1.0' | 0.010 |
| | 89.8 - 90.8 | 1.0' | 0.359 |
| | 185.0 -186.0 | 1.0' | 1.487 |
| | 202.5 -204.5 | 2.0' | 6.633 |
| | 204.5 -205.5 | 1.0' | 0.324 |
| | 248.0 -249.0 | 1.0' | 0.004 |
| | 249.0 -250.0 | 1.0' | 1.288 |
| | 250.0 -251.0 | 1.0' | 3.016 |
| | 252.3 -253.3 | 1.0' | 0.064 |
| | 253.3 -255.3 | 2.0' | 2.219 |
| | 255.3 -257.0 | 1.7' | 0.004 |
| DDH 17 | 74.0 - 75.0 | 1.0' | 2.052 |
| | 75.0 - 76.0 | 1.0' | 0.014 |
| | 133.9 -134.9 | 1.0' | 0.016 |
| | 134.9 -135.9 | 1.0' | 1.056 |
| | 135.9 -136.9 | 1.0' | 0.242 |
| | 150.4 -151.9 | 1.5' | 0.042 |
| | 173.4 -175.5 | 2.1' | 0.010 |
| | 178.0 -179.0 | 1.0' | 0.010 |

DDH's 18, 19, and 20 No significant assays

Table 2 con't

| | Interval | Core Length | Oz./ton Au. |
|---|---|---|---|
| DDH 21 | 103.8 -104.8 | 1.0' | 0.088 |
| | 189.5 -191.0 | 2.0' | 0.200 |
| DDH 22 | 144.7 -145.7 | 1.0' | 0.556 |
| | 294.8 -295.8 | 1.0' | 0.012 |
| DDH 23 | 253.0 -254.0 | 1.0' | 0.098 |
| DDH 24 | 224.7 -226.7 | 2.0' | 0.208 |
| DDH 25 | 191.2 -192.2 | 1.0' | 0.038 |
| DDH 26 | 43.4 - 44.4 | 1.0' | 0.030 |
| | 66.0 - 67.0 | 1.0' | 1.172 |
| | 67.0 - 68.0 | 1.0' | 0.042 |
| | 200.0 -202.0 | 2.0' | 0.050 |
| | 202.0 -205.0 | 3.0' | 0.018 |
| | 279.0 -280.0 | 1.0' | 0.012 |
| DDH 27 | 76.8 - 79.0 | 2.2' | 0.042 |
| | 208.5 -209.5 | 1.0' | 0.156 |
| | 211.0 -212.0 | 1.0' | 0.022 |
| | 213.9 -214.9 | 1.0' | 0.248 |
| | 255.8 -256.8 | 1.0' | 0.731 |
| | 259.0 -260.0 | 1.0' | 0.304 |
| | 267.1 -268.1 | 1.0' | 0.014 |
| DDH 28 | 14.0 - 15.0 | 1.0' | 0.016 |
| | 47.5 - 48.5 | 1.0' | 0.010 |
| | 147.0 -149.0 | 2.0' | 0.058 |
| | 251.8 -253.3 | 1.5' | 0.338 |
| DDH 29 | No Significant assays | | |
| DDH 30 | 248.5 -249.5 | 1.0' | 0.192 |
| | 249.9 -250.9 | 1.0' | 0.010 |
| DDH 31 | 79.8 - 80.8 | 1.0' | 0.018 |
| | 90.7 - 91.7 | 1.0' | 0.110 |
| | 361.0 -362.0 | 1.0' | 0.016 |
| DDH 32 | 5.5 - 6.5 | 1.0' | 0.010 |
| | 44.0 - 45.0 | 1.0' | 0.030 |
| | 50.0 - 51.0 | 1.0' | 0.028 |
| | 67.9 - 68.9 | 1.0' | 0.012 |
| | 132.1 -140.1 | 1.0' | 0.010 |
| DDH 33 | 39.4 - 40.4 | 1.0' | 0.014 |
| DDH 34 | 41.5 - 42.5 | 1.0' | 0.068 |
| | 100.9 -101.9 | 1.0' | 0.024 |
| | 144.0 -145.0 | 1.0' | 0.012 |
| | 254.0 -255.0 | 1.0' | 0.380 |

## PRELIMINARY DRILL INDICATED RESERVE ESTIMATE

The diamond drilling of the Bannockburn Northeast Area Prospect has been proceeding with two objectives in mind: (1), to provide a preliminary estimate of tonnage and grade potential, and (2), to pave the way for a contingent underground program of exploration and development.

The first objective has only been partially met because of the variable assays obtained (See Table 2 and Appendix 2). To some extent the variation in assay values has been compounded by splitting the cores. Furthermore, an ideal spacing of intercepts has been difficult to attain for all the vein-structures encountered. This is partly due to the presence of flooded areas on the property, and partly to the abundance of sub-parallel vein-structures. In general, the drill information is better at shallow levels for the easternmost veins, and better at the deeper levels of the westernmost veins.

The second objective of the drill program was to outline the locations of the veins in order to plan an effective underground strategy. The objective should be reached following completion of the Phase III drilling.

A confident drill indicated tonnage requires that the vein-structures are consistent from one cross-section to the next. The veins labelled A to Z on Fig. 3 are surface projections from the drill sections, and as such they have been constructed from points drawn by the joining up of two or more drill intercepts per section. Continuity is assumed, but not guaranteed, and hence the need for underground confirmation.

All assays have been diluted to 5.0 ft. true widths, by the method and examples shown in the August 30, 1985 report. This has been done in order to simulate an economic underground mining situation. Because the average grades of Veins 'A' and 'B' are below 0.100 oz./ton Au., these structures have been ommitted from the preliminary tonnage/grade estimate.

Veins 'C', 'D', 'E', and 'Z' dip northeastwards at -45 to -64 degrees, and it is possible that the steeper parts of these structures could be mined to a 4.0 ft. width. Details of the preliminary drill-indicated tonnage/grade estimate are presented in Appendix 2. The resultant tonnage is 98750 tons grading 0.340 oz./ton Au., and the degree of confidence to be placed on this result is illustrated by reference to longitudinal projections of each vein (Appendix 2). The average grade figure quoted above is the mean of the'cut'and'uncut'grades, where cutting to 1.0 oz./ton Au. has been done on high assays that average better than 1.0 oz/ton across a 5.0 ft. true width.

In practice only the higher grade areas of the veins would be mined, so that a lesser tonnage of higher grade could be produced, depending on the configuration of the higher grade 'shoots'.

CONCLUSION AND RECOMMENCATIONS

A preliminary drill-indicated tonnage of 98,750 short tons grading 0.340 oz./ton Au. has been estimated for the Bannockburn North-east Area.

The drill results point out the need for an underground program of exploration and development to better define the quartz vein-structures, their continuity, and gold content. It is likely that such a program would eventually pay for itself and could be justified for that reason alone. However there is no justification for a large capital investment until such time as metallurgical testing of development muck is successfully completed.

Prior to initiation of any underground program on the Bannockburn property the following surface work should be done.

1) Completion of the remaining 1500 feet of Phase III diamond drilling as recommended May 30, 1985 together with a report to justify the underground program.
2) Surface exploration of the remainder of the Bannockburn property as recommended in the September 5th, 1985 Progress Report, including a report on the geochemical survey.
3) Claims EO 572484, EO 572485, EO 65202, EO 65203 should be surveyed and taken to lease as soon as possible.
4) Claims EO 572483 and EO 592199 require assessment work report prior to May 1986 and should also be surveyed and taken to lease.

SUBMITTED BY

Roy V. Beavon B.Sc., Ph. D.
Beavon Consulting Limited

CERTIFICATE OF QUALIFICATION

I, Roy V. Beavon, of Richmond, British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist, a graduate of the University College of Wales, Aberystwyth, with first class B.Sc (1957) and Ph.D. (1960) in Geology.

2. That I am a member of the Canadian Institute of Mining and Metallurgy, a Fellow of the Geological Association of Canada, a Fellow of the Geological Society of London, a member of the Society of Economic Geologists, and the Association of Prospectors and Developers.

3. That I have practised my profession continuously as a Geologist since 1960 in the U.K., the U.S.A., and Canada, and from 1969 to the present this work was in a supervisory capacity.

4. That the information, opinions, and recommendations in this report are based on work carried out by me between May and September 1985, on work completed by Sawyer Consultants Inc. prior to that date, and on work completed during 1966-69 for Syngenore Explorations Ltd.

5. That I have no direct or indirect interest in any of the subject properties of this report, nor in the shares of securities of Mono Gold Mines Inc., or associated companies, nor do I expect to receive such interest.

R.V. Beavon, B. Sc., Ph.D.

Dated at Vancouver, British Columbia this 18th day of October 1985.

REFERENCES

Reports by Sawyer Consultants Inc. for Mono Gold Mines Inc. dated as follows:

Feb. 14 1983 by J.B.P. Sawyer P. Eng.

Oct. 10 1984 by G.D. House F.G.A.C.

Dec. 20 1984 by G.D. House F.G.A.C.

Mar. 14 1985 by G.D. House F.G.A.C.

Apr. 12 1985 by G.D. House F.G.A.C.

Reports by Beavon Consulting Limited for Mono Gold Mines Inc.

May 31 1985 by R.V. Beavon P.h. D.

Aug 30 1985 by R.V. Beavon P.h. D.

Government Reports

Miller & Knight (1914) Ann Rept. Ont. Bur. Mines Vol. 22.

P.E. Hopkins (1922) " " " Dept. " Vol. XXX.

V.B. Meen (1944) " " " " " Vol. 51.

D.F. Hewitt (1968) Ont. Dept. Mines Geol. Rept. 73

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TO : MONO GOLD MINES INC.
C/O BEAVON CONSULTING LTD.
8720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

** CERT. # : A8515951-001-A
INVOICE # : I8515951
DATE : 9-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING, MADOC ONT.

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 08501 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08502 F | 236 | 0.088 | -- | -- | -- | -- | -- |
| 08503 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08504 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08505 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08506 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08507 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08508 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08509 F | 236 | 0.008 | -- | -- | -- | -- | -- |
| 08510 F | 236 | 0.200 | -- | -- | -- | -- | -- |
| 08511 F | 236 | 0.012 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516064-001-A
INVOICE # : I8516064
DATE : 10-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING, MADOC ONTARIO

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| No 08512 F | 236 | 0.556 | -- | -- | -- | -- | -- |
| No 08513 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08514 F | 236 | 0.003 | -- | -- | -- | -- | -- |
| No 08515 F | 236 | 0.012 | -- | -- | -- | -- | -- |
| No 08516 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08517 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08518 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08519 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08520 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08521 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08522 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08523 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08524 F | 236 | 0.003 | -- | -- | -- | -- | -- |
| No 08525 F | 236 | 0.003 | -- | -- | -- | -- | -- |
| No 08526 F | 236 | 0.003 | -- | -- | -- | -- | -- |
| No 08527 F | 236 | <0.003 | -- | -- | -- | -- | -- |
| No 08528 F | 236 | 0.098 | -- | -- | -- | -- | -- |
| No 08529 F | 236 | 0.005 | -- | -- | -- | -- | -- |
| No 08530 F | 236 | <0.003 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8515951-001-A
INVOICE # : I8515951
DATE : 11-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING, MADOC ONT.

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 08501 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08502 F | 236 | 0.088 | -- | -- | -- | -- | -- |
| 08503 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08504 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08505 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08506 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08507 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08508 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08509 F | 236 | 0.008 | -- | -- | -- | -- | -- |
| 08510 F | 236 | 0.200 | -- | -- | -- | -- | -- |
| 08511 F | 236 | 0.012 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8515951-001-A
INVOICE # : I8515951
DATE : 11-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING, MADOC ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 08501 F | 236 | 0.3 | -- | -- | -- | -- | -- |
| 08502 F | 236 | 4.2 | -- | -- | -- | -- | -- |
| 08503 F | 236 | 0.3 | -- | -- | -- | -- | -- |
| 08504 F | 236 | 0.1 | -- | -- | -- | -- | -- |
| 08505 F | 236 | 0.1 | -- | -- | -- | -- | -- |
| 08506 F | 236 | 0.1 | -- | -- | -- | -- | -- |
| 08507 F | 236 | 0.5 | -- | -- | -- | -- | -- |
| 08508 F | 236 | 0.3 | -- | -- | -- | -- | -- |
| 08509 F | 236 | 0.5 | -- | -- | -- | -- | -- |
| 08510 F | 236 | 19.0 | -- | -- | -- | -- | -- |
| 08511 F | 236 | 1.0 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516215-001-A
INVOICE # : I8516215
DATE : 12-SEP-85
P.O. # : NONE
T

CC: BEAVON CONSULTING NOTE: NO SAMPLE REJECT FOR 08502F.

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 08502F | 214 | 0.080 | -- | -- | -- | -- | -- |
| 08510F | 236 | 0.232 | -- | -- | -- | -- | -- |
| 08531F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08532F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08533F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08534F | 236 | 0.003 | -- | -- | -- | -- | -- |
| 08535F | 236 | 0.003 | -- | -- | -- | -- | -- |
| 08536F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08537F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08538F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08539F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08540F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08541F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08542F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08543F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08544F | 236 | <0.003 | -- | -- | -- | -- | -- |
| 08545F | 236 | <0.003 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516200-001-A
INVOICE # : I8516200
DATE : 17-SEP-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Pb % | Zn % | Ag oz/T RUSH FA | Au oz/T RUSH FA | | |
|---|---|---|---|---|---|---|---|
| 08546 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08547 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08548 F | 236 | -- | -- | -- | 0.208 | -- | -- |
| 08549 F | 236 | -- | -- | -- | 0.003 | -- | -- |
| 08550 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08551 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08552 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08553 F | 236 | 0.01 | 0.01 | 0.02 | <0.003 | -- | -- |
| 08554 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08555 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08556 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08557 F | 236 | 0.02 | 0.04 | 0.04 | <0.003 | -- | -- |
| 08558 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08559 F | 236 | -- | -- | -- | <0.003 | -- | -- |
| 08560 F | 236 | -- | -- | -- | <0.003 | -- | -- |

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V7C 1S9

** CERT. # : A8516402-001-A
INVOICE # : I8516402
DATE : 19-SEP-85
P.O. # : NONE
MADOC

CC: BEAVON CONSULTING

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 08561 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08562 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08563 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08564 F | 236 | 0.038 | -- | -- | -- | -- | -- |
| 08565 F | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08566 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08567 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08568 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08569 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08570 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08571 F | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08572 F | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08573 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08574 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08575 F | 236 | 0.030 | -- | -- | -- | -- | -- |
| 08576 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08577 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08578 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08579 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08580 F | 236 | 1.172 | -- | -- | -- | -- | -- |
| 08581 F | 236 | 0.042 | -- | -- | -- | -- | -- |
| 08582 F | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08583 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08584 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08585 F | 236 | 0.050 | -- | -- | -- | -- | -- |
| 08586 F | 236 | 0.018 | -- | -- | -- | -- | -- |
| 08587 F | 236 | 0.004 | -- | -- | -- | -- | -- |
| 08588 F | 236 | 0.004 | -- | -- | -- | -- | -- |
| 08589 F | 236 | 0.008 | -- | -- | -- | -- | -- |
| 08590 F | 236 | 0.012 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516402-001-A
INVOICE # : I8516402
DATE : 19-SEP-85
P.O. # : NONE
MADOC

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 08561 F | 236 | -- | -- | -- | -- | -- | -- |
| 08562 F | 236 | -- | -- | -- | -- | -- | -- |
| 08563 F | 236 | -- | -- | -- | -- | -- | -- |
| 08564 F | 236 | -- | -- | -- | -- | -- | -- |
| 08565 F | 236 | -- | -- | -- | -- | -- | -- |
| 08566 F | 236 | -- | -- | -- | -- | -- | -- |
| 08567 F | 236 | -- | -- | -- | -- | -- | -- |
| 08568 F | 236 | -- | -- | -- | -- | -- | -- |
| 08569 F | 236 | -- | -- | -- | -- | -- | -- |
| 08570 F | 236 | -- | -- | -- | -- | -- | -- |
| 08571 F | 236 | -- | -- | -- | -- | -- | -- |
| 08572 F | 236 | -- | -- | -- | -- | -- | -- |
| 08573 F | 236 | -- | -- | -- | -- | -- | -- |
| 08574 F | 236 | -- | -- | -- | -- | -- | -- |
| 08575 F | 236 | -- | -- | -- | -- | -- | -- |
| 08576 F | 236 | -- | -- | -- | -- | -- | -- |
| 08577 F | 236 | -- | -- | -- | -- | -- | -- |
| 08578 F | 236 | -- | -- | -- | -- | -- | -- |
| 08579 F | 236 | -- | -- | -- | -- | -- | -- |
| 08580 F | 236 | 9.7 | -- | -- | -- | -- | -- |
| 08581 F | 236 | -- | -- | -- | -- | -- | -- |
| 08582 F | 236 | -- | -- | -- | -- | -- | -- |
| 08583 F | 236 | -- | -- | -- | -- | -- | -- |
| 08584 F | 236 | -- | -- | -- | -- | -- | -- |
| 08585 F | 236 | -- | -- | -- | -- | -- | -- |
| 08586 F | 236 | -- | -- | -- | -- | -- | -- |
| 08587 F | 236 | -- | -- | -- | -- | -- | -- |
| 08588 F | 236 | -- | -- | -- | -- | -- | -- |
| 08589 F | 236 | -- | -- | -- | -- | -- | -- |
| 08590 F | 236 | -- | -- | -- | -- | -- | -- |

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** CERT. # : A8516500-001-A
INVOICE # : I8516500
DATE : 20-SEP-85
P.O. # : NONE
MADOC NE

CC: BEAVON CONSULTING

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| No. 08606F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08607F | 236 | 0.016 | -- | -- | -- | -- | -- |
| No. 08608F | 236 | 0.010 | -- | -- | -- | -- | -- |
| No. 08609F | 236 | <0.002 | -- | -- | -- | -- | -- |
| No. 08610F | 236 | 0.010 | -- | -- | -- | -- | -- |
| No. 08611F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08612F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08613F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08614F | 236 | 0.004 | -- | -- | -- | -- | -- |
| No. 08615F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08616F | 236 | 0.058 | -- | -- | -- | -- | -- |
| No. 08617F | 236 | <0.002 | -- | -- | -- | -- | -- |
| No. 08618F | 236 | <0.002 | -- | -- | -- | -- | -- |
| No. 08619F | 236 | <0.002 | -- | -- | -- | -- | -- |
| No. 08620F | 236 | <0.002 | -- | -- | -- | -- | -- |
| No. 08621F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08622F | 236 | 0.388 | -- | -- | -- | -- | -- |
| No. 08623F | 236 | 0.008 | -- | -- | -- | -- | -- |
| No. 08624F | 236 | 0.002 | -- | -- | -- | -- | -- |
| No. 08625F | 236 | 0.004 | -- | -- | -- | -- | -- |
| No. 08626F | 236 | 0.006 | -- | -- | -- | -- | -- |
| No. 08627F | 236 | 0.008 | -- | -- | -- | -- | -- |

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** CERT. # : A8516535-001-A
INVOICE # : I8516535
DATE : 23-SEP-85
P.O. # : NONE
MADOC

CC: BEAVRON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| NO 08628 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08629 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08630 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08631 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08632 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08633 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08634 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08635 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08636 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08637 F | 236 | 0.008 | -- | -- | -- | -- | -- |
| NO 08638 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08639 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08640 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08641 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08642 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08643 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08644 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| NO 08645 F | 236 | 0.002 | -- | -- | -- | -- | -- |
| NO 08646 F | 236 | <0.002 | -- | -- | -- | -- | -- |

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** CERT. # : A8516457-001-A
INVOICE # : I8516457
DATE : 26-SEP-85
P.O. # : NONE
MADOC

CC: BEAVRON CONSULTING, MADOC, ONTARIO

| Sample description | Prep code | Cu ppm | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|
| 08591 F | 236 | -- | -- | -- | -- | -- | -- |
| 08592 F | 236 | -- | -- | -- | -- | -- | -- |
| 08593 F | 236 | -- | -- | -- | -- | -- | -- |
| 08594 F | 236 | 1160 | -- | -- | -- | -- | -- |
| 08595 F | 236 | -- | -- | -- | -- | -- | -- |
| 08596 F | 236 | -- | -- | -- | -- | -- | -- |
| 08597 F | 236 | -- | -- | -- | -- | -- | -- |
| 08598 F | 236 | -- | 4.5 | -- | -- | -- | -- |
| 08599 F | 236 | -- | -- | -- | -- | -- | -- |
| 08600 F | 236 | -- | -- | -- | -- | -- | -- |
| 08601 F | 236 | -- | -- | -- | -- | -- | -- |
| 08602 F | 236 | -- | -- | -- | -- | -- | -- |
| 08603 F | 236 | -- | 30.0 | -- | -- | -- | -- |
| 08604 F | 236 | -- | 14.0 | -- | -- | -- | -- |
| 08605 F | 236 | -- | -- | -- | -- | -- | -- |

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** CERT. # : A8516457-001-A
INVOICE # : I8516457
DATE : 26-SEP-85
P.O. # : NONE
MADOC

CC: BEAVRON CONSULTING, MADOC, ONTARIO

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 08591 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08592 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08593 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08594 F | 236 | 0.042 | -- | -- | -- | -- | -- |
| 08595 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08596 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08597 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08598 F | 236 | 0.156 | -- | -- | -- | -- | -- |
| 08599 F | 236 | 0.022 | -- | -- | -- | -- | -- |
| 08600 F | 236 | 0.248 | -- | -- | -- | -- | -- |
| 08601 F | 236 | 0.006 | -- | -- | -- | -- | -- |
| 08602 F | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08603 F | 236 | 0.731 | -- | -- | -- | -- | -- |
| 08604 F | 236 | 0.304 | -- | -- | -- | -- | -- |
| 08605 F | 236 | 0.014 | -- | -- | -- | -- | -- |

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** CERT. # : A8516698-001-A
INVOICE # : I8516698
DATE : 27-SEP-85
P.O. # : NONE
MADOC

CC: BEAVON CONSULTING, MADOC, ONTARIO

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 08647 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08648 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08649 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08650 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08651 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 08652 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08653 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08654 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08655 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08656 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08657 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08658 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08659 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08660 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08661 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 08662 | 236 | 0.044 | -- | -- | -- | -- | -- |
| 08663 | 236 | 0.010 | -- | -- | -- | -- | -- |
| 08664 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08696 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 08697 | 236 | 0.064 | -- | -- | -- | -- | -- |
| 08698 | 236 | 3.016 | -- | -- | -- | -- | -- |
| 08699 | 236 | 0.018 | -- | -- | -- | -- | -- |
| 08700 | 236 | 0.004 | -- | -- | -- | -- | -- |

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** CERT. # : A8516770-001-A
INVOICE # : I8516770
DATE : 30-SEP-85
P.O. # : NONE

CC: BEAVON CONSULT. MADOC, ONTARIO

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 08665 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08666 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08667 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08668 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08669 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08670 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08671 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08672 F | 207 | 0.018 | -- | -- | -- | -- | -- |
| 08673 F | 207 | 0.110 | -- | -- | -- | -- | -- |
| 08674 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08675 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08676 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08677 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08678 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08679 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08680 F | 207 | 0.002 | -- | -- | -- | -- | -- |
| 08681 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08682 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08683 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08684 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08685 F | 207 | <0.002 | -- | -- | -- | -- | -- |
| 08686 F | 207 | 0.016 | -- | -- | -- | -- | -- |
| 08687 F | 207 | <0.002 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516825-001-A
INVOICE # : I8516825
DATE : 1-OCT-85
P.O. # : NONE
MADOC

CC: BEAVON CONSULTING, MADOC ONTARIO

| Sample description | Prep code | Au oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 08688 | 236 | 0.010 | -- | -- | -- | -- | -- |
| 08689 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08691 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08692 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 08693 | 236 | 0.030 | -- | -- | -- | -- | -- |
| 08694 | 236 | 0.028 | -- | -- | -- | -- | -- |
| 08695 | 236 | 0.008 | -- | -- | -- | -- | -- |
| 71401 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 71402 | 236 | 0.020 | -- | -- | -- | -- | -- |
| 71403 | 236 | 0.012 | -- | -- | -- | -- | -- |
| 71404 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 71405 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 71406 | 236 | 0.010 | -- | -- | -- | -- | -- |
| 71407 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71408 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71409 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71410 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71411 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 71412 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71413 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71414 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71415 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 71416 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 71417 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 71418 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 71419 | 236 | <0.002 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8516969-001-A
INVOICE # : I8516969
DATE : 4-OCT-85
P.O. # : NONE
MADOC

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 8751 | 236 | 0.014 | -- | -- | -- | -- | -- |
| 8752 | 236 | 0.008 | -- | -- | -- | -- | -- |
| 8753 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8754 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8755 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8756 | 236 | 0.006 | -- | -- | -- | -- | -- |
| 8757 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 8758 | 236 | 0.006 | -- | -- | -- | -- | -- |
| 8759 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8760 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8761 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8762 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8763 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8764 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8765 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8766 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8767 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8768 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8769 | 236 | 0.068 | -- | -- | -- | -- | -- |
| 8770 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8771 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8772 | 236 | 0.008 | -- | -- | -- | -- | -- |
| 8773 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8774 | 236 | 0.024 | -- | -- | -- | -- | -- |
| 8775 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8776 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8777 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8778 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8779 | 236 | 0.012 | -- | -- | -- | -- | -- |
| 8780 | 236 | 0.006 | -- | -- | -- | -- | -- |
| 8781 | 236 | 0.004 | -- | -- | -- | -- | -- |
| 8782 | 236 | 0.008 | -- | -- | -- | -- | -- |
| 8783 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8784 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8785 | 236 | 0.002 | -- | -- | -- | -- | -- |
| 8786 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8787 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8788 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8789 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8790 | 236 | <0.002 | -- | -- | -- | -- | -- |

VOI rev 4/85

Registered Assayer, Province of British Columbia

# Chemex Labs Ltd.

*Analytical Chemists • Geochemists • Registered Assayers*

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597


## CERTIFICATE OF ASSAY

TO : MONO GOLD MINES INC.
C/O BEAVON CONSULTING LTD.
8720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

** CERT. # : A8516969-002-A
INVOICE # : I8516969
DATE : 4-OCT-85
P.O. # : NONE
MADOC

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 8791 | 236 | 0.006 | -- | -- | -- | -- | -- |
| 8792 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8793 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 8794 | 236 | 0.380 | -- | -- | -- | -- | -- |

VOI rev. 4/85

B. Cowaite

Registered Assayer, Province of British Columbia

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212 Brooksbank Ave.
North Vancouver, B.C.
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## CERTIFICATE OF ASSAY

TO : MONO GOLD MINES INC.
C/O BEAVON CONSULTING LTD.
8720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

** CERT. # : A8516960-001-A
INVOICE # : I8516960
DATE : 4-OCT-85
P.O. # : NONE

| Sample description | Prep code | Au FA oz/T | Weight grams | Au FA mg | | | |
|---|---|---|---|---|---|---|---|
| 8662 F A | 207 | 0.044 | 362.6 | -- | -- | -- | -- |
| 8662 F B-100 | 214 | 0.440 | 160.0 | -- | -- | -- | -- |
| 8662 F +100 | 214 | -- | 2.3 | 0.503 | -- | -- | -- |
| 8662 F A+B TOTAL | 214 | 0.192 | -- | -- | -- | -- | -- |

Note:
8662 A+B F TOTAL is calculation of weighted average of 8662 F-A and 8662 F-B

VOI rev. 4/85

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APPENDIX 2

Preliminary Drill Indicated Tonnage/Grade Calculation

1) Average Grade of Vein Structures

Vein C

| Hole # | Diluted Assay /5.0'tw |
|---|---|
| 15 | 0.512 |
| 16 | 0.058 (diamond saw losses?) |
| 17 | 0.377 |
| 21 | 0.069 |
| 22 | 0.002 |
| 23 | 0 011 |
| 25 | 0.008 |
| 26 | 0.030 |
| 27 | 0.029 |
| | 1.096 Av = 0.121 oz./ton cut & uncut |

Vein D

| | |
|---|---|
| 6 | 0.108 |
| 15 | 0.029 (diamond saw losses?) |
| 16 | 1.000 (cut grade, 2.285 oz./ton uncut) |
| 26 | 0.031 |
| 28 | 0.101 |
| 34 | 0.000 |
| | 1.269 Av = 0.211 cut |
| | 2.554 Av = 0.425 uncut |

Vein E

| | |
|---|---|
| 3 | 0.330 |
| 9 | 0.799 |
| 33 | 0.012 |
| 34 | 0.013 |
| | 1.154 Av = 0.288 oz./ton cut and uncut |

Vein Z

| | |
|---|---|
| 10 | 0.638 |
| 11 | 1.000 (cut grade, 3.999 oz./ton uncut)* |
| 14 | 0.297 |
| 24 | 0.056 |
| | 1.991 Av = 0.497 oz./ton cut |
| | 4.981 Av = 1.245 oz./ton uncut |

---

*Assay reject value of 12.3 oz./ton utilized instead of 29.23 oz./ton of original pulp.

## 2) Calculation of preliminary drill-indicated Tonnage

| | Strike-length (ft) | x Dip Length | x Width (÷12) | S. Tons |
|---|---|---|---|---|
| Vein C | 300 | 300 | 5 | 37500 |
| Vein D | 300 | 300 | 5 | 37500 |
| Vein E | 200 | 60 | 5 | 5000 |
| Vein Z | 200 | 225 | 5 | 18750 |
| | | Total short tons = | | 98750 |

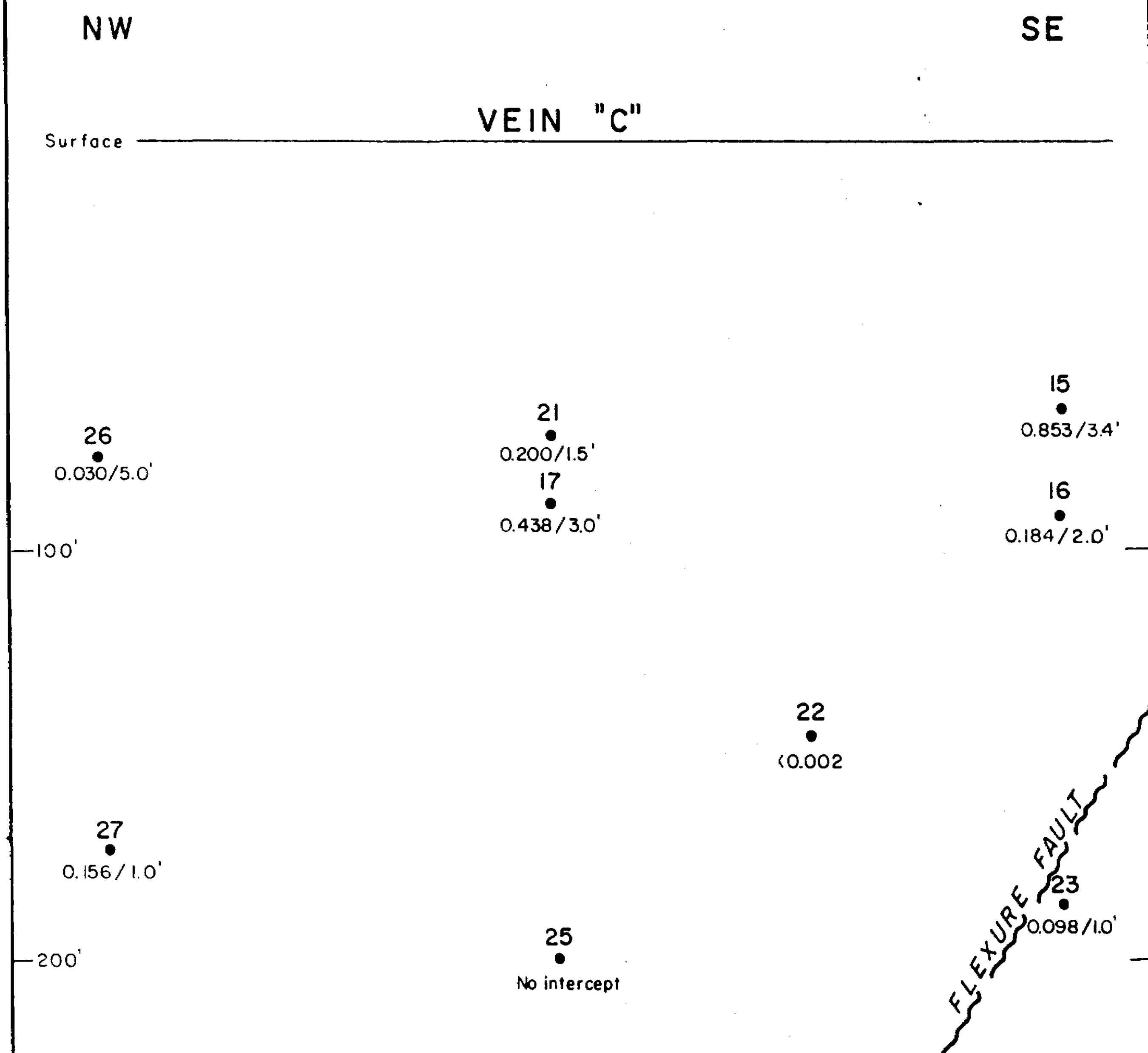
## 3) Average preliminary drill-indicated grades

| | S Tons | | Oz./ton Au. |
|---|---|---|---|
| Vein C | 37500 | @ | 0.121 |
| D | 37500 | @ | 0.211 (0.425 uncut) |
| E | 5000 | @ | 0.288 |
| Z | 18000 | @ | 0.497 (1.247 uncut) |

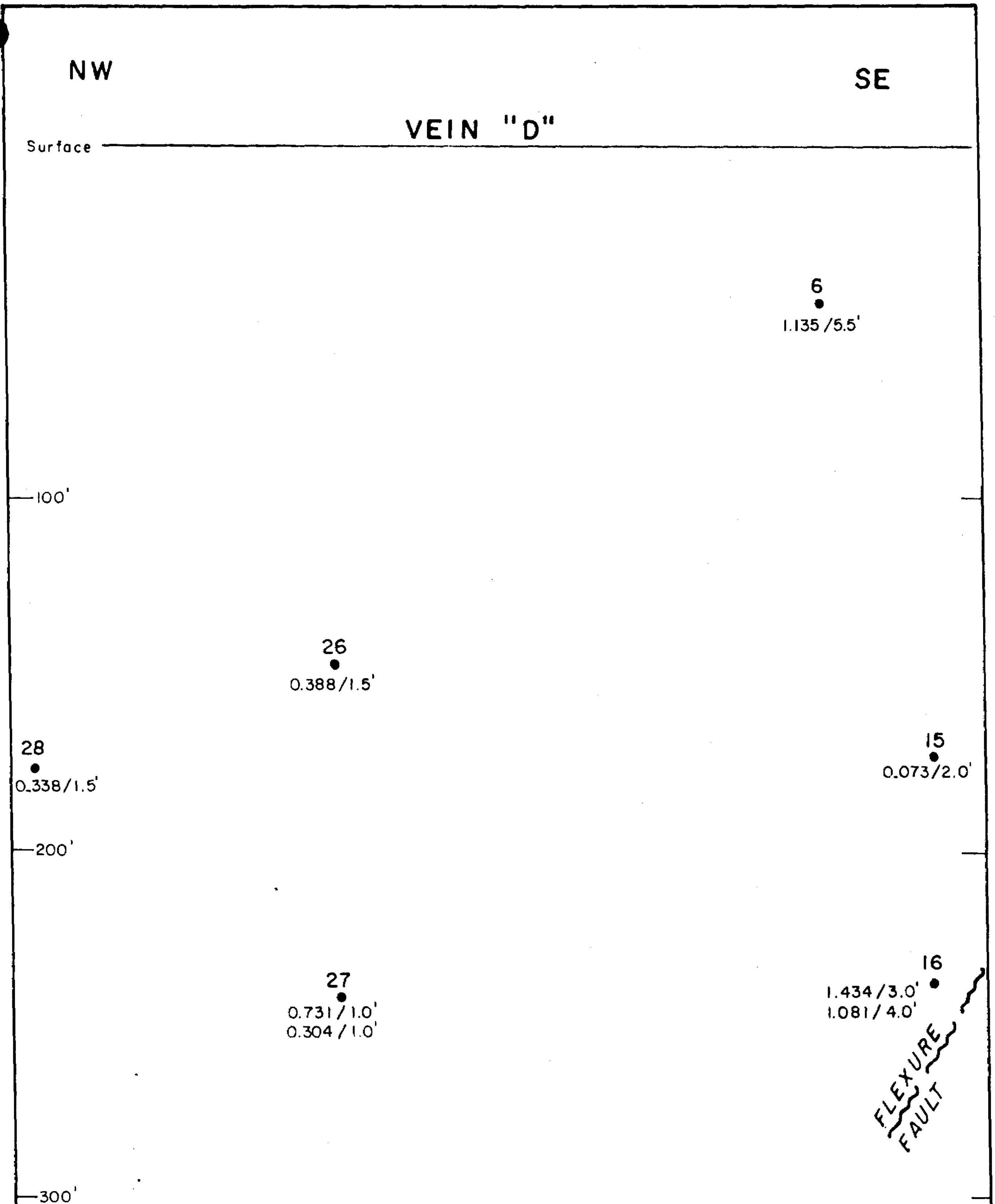
$$\frac{\text{tons x grade}}{\text{tons}} = \frac{22{,}836}{98{,}750} = 0.231 \text{ oz./ton average cut grade}$$

$$\frac{\text{tons x grade}}{\text{tons}} = \frac{44{,}361}{98{,}750} = 0.449 \text{ oz./ton uncut}$$

Average of cut and uncut gr = 0.340 oz./ton

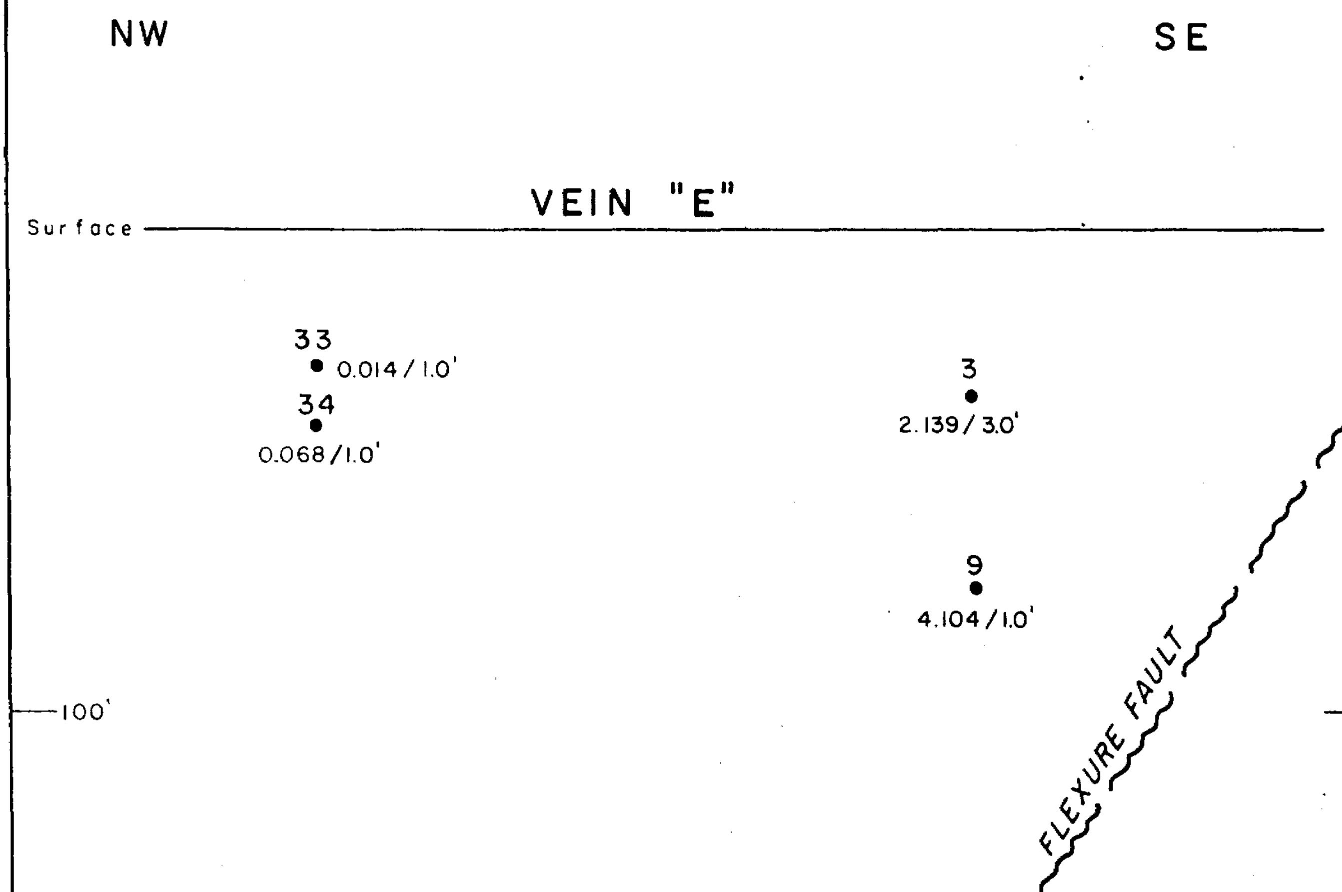



APPENDIX 2a : LONGITUDINAL PROJECTION
VEIN "C"
Scale 1"=40'

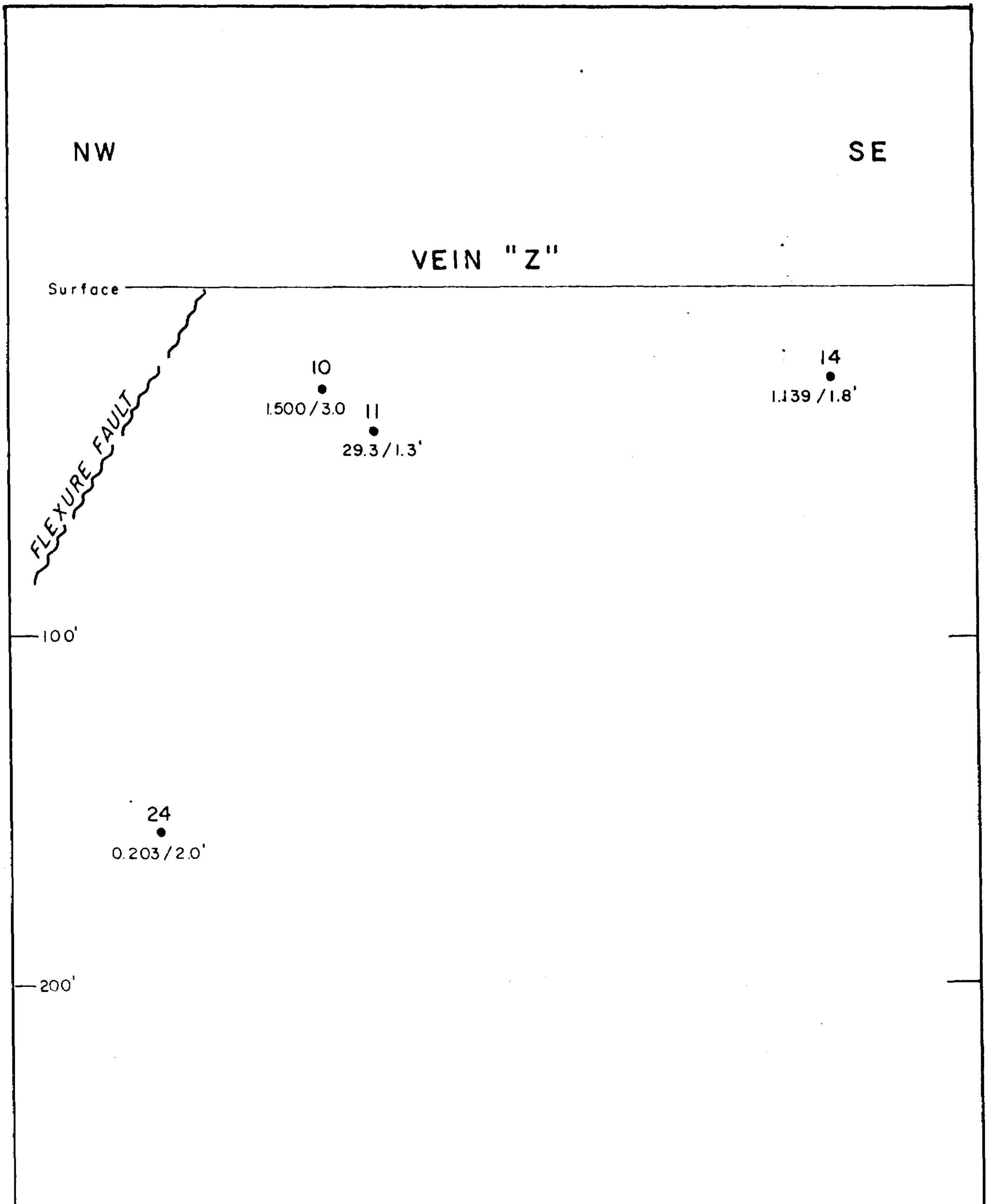



APPENDIX 2b : LONGITUDINAL PROJECTION
VEIN "D"

Scale 1" = 40'

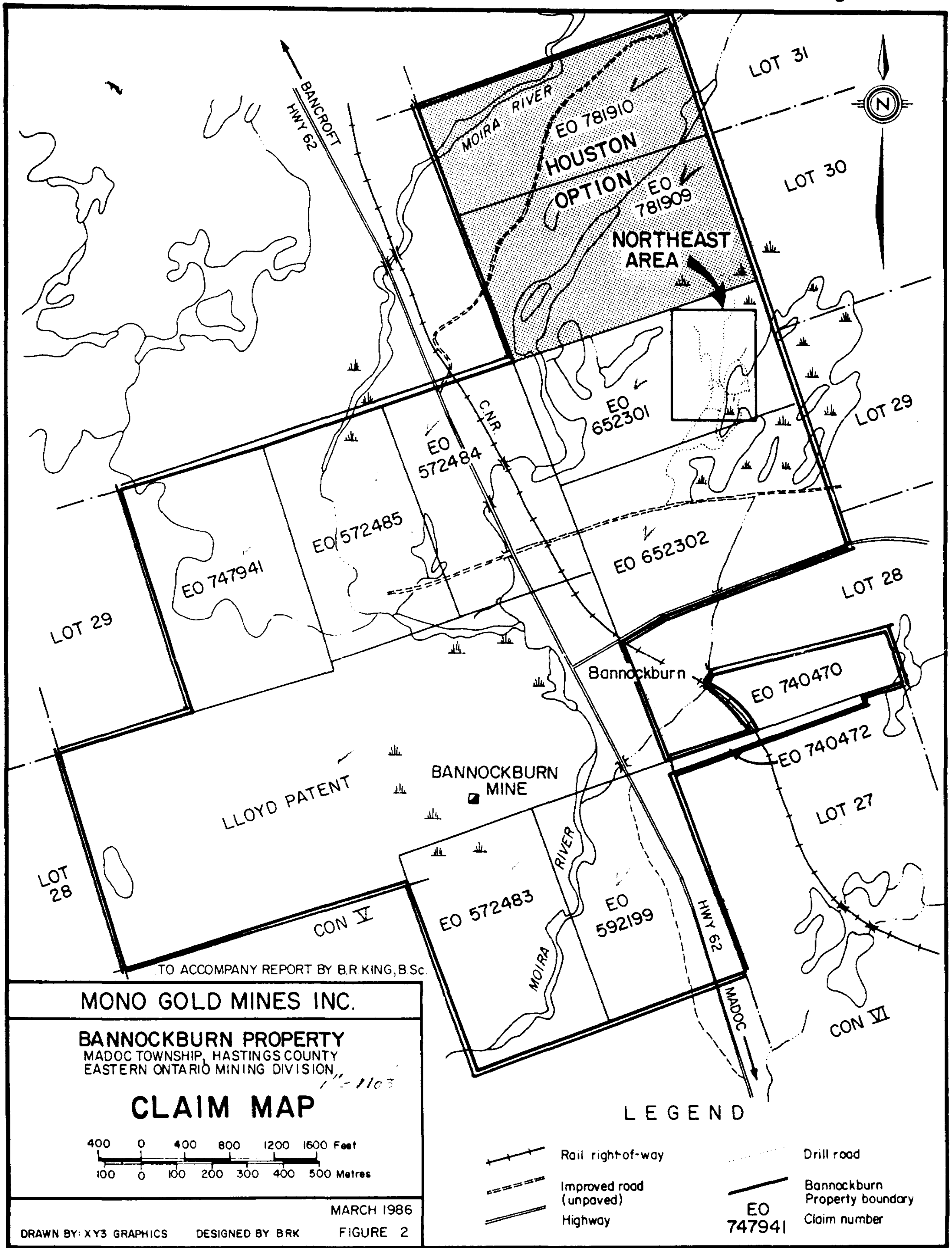



APPENDIX 2c : LONGITUDINAL PROJECTION
VEIN "E"
Scale 1" = 40'




APPENDIX 2d : LONGITUDINAL PROJECTION
VEIN "Z"

Scale 1" = 40'




MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

1" = 1103

# CLAIM MAP

400 0 400 800 1200 1600 Feet
100 0 100 200 300 400 500 Metres

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK FIGURE 2

om85-142
om85-253

63.4698

3 of 7 63.4698

# REPORT ON PHASE IV EXPLORATION: GEOCHEMICAL SURVEY OF THE BANNOCKBURN PROPERTY, MADOC TOWNSHIP, ONTARIO



FOR

MONO GOLD MINES INC.

BEAVON CONSULTING LIMITED

FEBRUARY, 1986

## SUMMARY

The report describes the first soil geochemical survey to have been done on Bannockburn gold property of Mono Gold Mines Inc., in Madoc Township, Ontario. Over 3,000 -80 mesh samples were analysed for bismuth, with anomalous samples rerun for tellurium and/or gold.

Many bismuth anomalies were discovered in lot 28, Conc. V in thermally metamorphosed sedimentary rocks, and some of these have been recommended for diamond drilling.

The most significant anomaly found to date is on Claim EO 781909 in the west half of lot 30, Conc. VI and is underlain by metavolcanic rocks. It is recommended for Phase V diamond drilling as soon as ground conditions are favourable.

TABLE 0

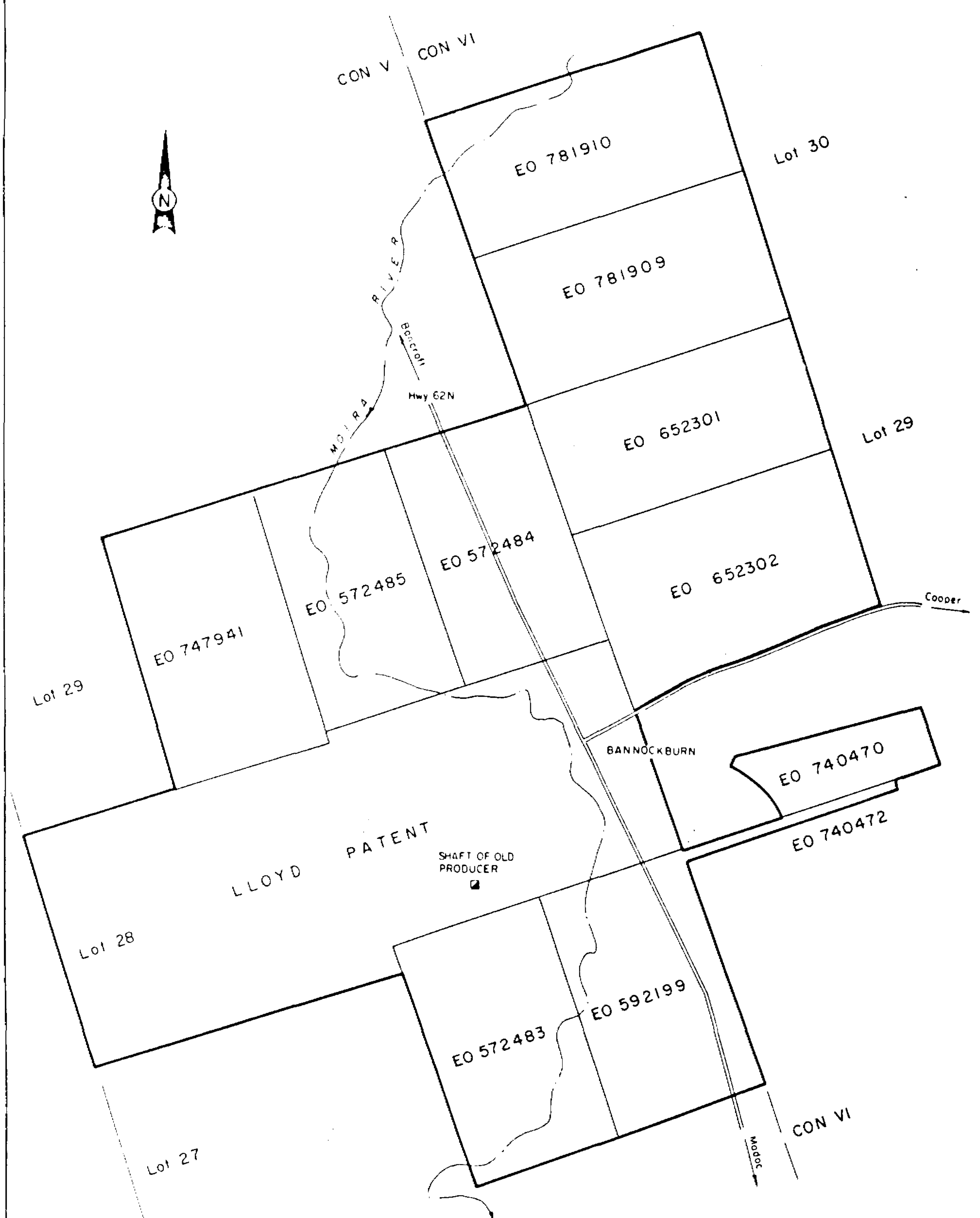
31C12NE0036 63.4698 MADOC

030C

PAGE NO.

TABLE OF CONTENTS

Illustrations - Cont'd




MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D

CLAIM MAP

0 500 1500 2500 FEET
0 100 200 400 600 METRES

BEAVON CONSULTING LIMITED
OCT 1985
SCALE 1:10,000
DRAWN BY R.V. BEAVON
FIGURE Nº 2

## Introduction

The Phase IV Exploration consisted of the first geochemical soil survey of the entire Bannockburn Property, as recommended by Beavon Consulting Limited in October, 1985. A Phase V contingent drill program was also recommended at that time. Because of the late-season timing of the recommendation some of the preparatory linecutting and soil sampling was initiated between September 1 and September 26. On the latter date the Phase IV program was suspended until October 26 to await approval for a 'Flow-Through-Share' issue for Canadian Exploration Expense. The C.E.E. regulations (at that time) stipulated that the work must be completed before the end of calendar 1985, and consequently the Phase V contingent Diamond Drilling had to be accelerated while Phase VI was delayed pending approval by the authorities involved.

Although the sampling was completed on December 8, some check results were not available until early January, and some remained to be completed when the writer's involvement with the property was terminated.

Because of impending deadlines on assessment work, geochemical reports have already been completed on claims EO 781909, EO 781910, EO 747941, EO 57483, EO 592199, EO 740470 and EO 740472. In the interest of completeness the copies of the maps accompanying the assessment reports are also included with this report (See Fig. 4).

## Mineral Title Ownership

Since the previous report on the Bannockburn Northeast Area Prospect (dated October 18, 1985) the total mineral acres controlled by Mono has increased to at least 628 acres, as indicated in the attached Property Schedule (Table 1). To date Mono has no surface rights in Madoc Township.

Mono Gold Mines Inc. is in the process of bringing four claims indicated on Table 1 to patent. Following the acceptance of assessment work currently being reported, other claims may qualify for patent applications.

## Location and Access

The property is located in the northern part of Madoc Township in Hastings County in Eastern Ontario. The claims surround the Village of Bannockburn, which is a small unincorporated settlement located on Provincial Highway No. 62, approximately 10 miles north of the Town of Madoc, and 25 miles north of Belleville on Lake Ontario. Highway No. 7 connects Madoc with the major centres of Peterborough to the west-southwest and with the City of Ottawa to the east. The distance from Madoc to Ottawa is approximately 130 miles.

Table 1 Mineral Titles controlled by Mono Gold Mines Inc. in Madoc Township, Ontario.

| Claim | Conc. | Lot | Approx. Acres | Recorded | Expiry |
|---|---|---|---|---|---|
| Lloyd Patent | V | 28 | 140 | - | - |
| EO 572483 | V | W¼ofE½ 27 | 50 | May 14/80 | 1986+ |
| EO 572484* | V | E¼ 29 | 50 | May 14/80 | 1986 |
| EO 572485* | V | W¼ofE½ 29 | 50 | May 14/80 | 1986 |
| EO 592199 | V | E¼ 27 | 50 | Sept 20/82 | 1989+ |
| EO 747941 | V | E¼ofW½ 29 | 50 | May 16/85 | 1986+ |
| EO 652301* | VI | NW¼ 29 | 50 | Feb 11/83 | 1988 |
| EO 652302* | VI | SW¼ 29 | 50 | Feb 11/83 | 1988 |
| EO 781909 | VI | SW¼ 30 | 50 | Feb 28/85 | 1986 |
| EO 781910 | VI | NW¼ 30 | 50 | Feb 28/85 | 1986+ |
| EO 740470 | VI | Part SW¼ 28 | 30 | July 8/85 | 1986+ |
| EO 740472 | VI | Part NW¼ 27 | 8 | July 8/85 | 1986+ |

* Permission granted to survey these four claims in preparation for Patent application.

\+ Assessment reports completed/in preparation.

Location and Access - Cont'd

Access to the property is by paved Highway No. 62 to the village of Bannockburn itself. The portion of the property lying west of Highway No. 62 is reached by a private company road on to Lot 28 which crosses the Moira River by means of a wooden bridge. Bush trails and roads which were upgraded during the 1981 exploration program provide access by truck or on foot to the area of the old Bannockburn gold mine and further west. The concession road between Concessions IV and V provides limited access to the western part of the property and could easily be upgraded to provide full access both to the western part of the property and the old mine area.

The Northeast Area of the property, lying east of Highway No. 62, can be reached by means of the abandoned railroad grade at the old Bannockburn Station located just north of the village of Bannockburn. The area of interest on Claim EO 652301 was opened to access by means of an older railroad grade running east from the Bannockburn Station site. This grade was cleared for 700 feet to the east and 1700 feet of bulldozer trail was constructed in November, 1984 to provide access for four-wheel drive vehicles.

Previous Work

The history of the Bannockburn property has been detailed in a report by Sawyer Consultants Inc. dated February 14, 1983. Exploration since 1981 has been outlined in a recent report by Beavon Consulting Limited, entitled Interim Report on Phase V Diamond Drilling dated January 29, 1986.

Since Mono Gold Mines Inc. commenced work in 1981, VLF-EM, magnetic, and geological surveys have been completed over much of the property. This work also included stripping, trenching, sampling and assaying. An early diamond drill program in 1981 failed to locate interesting gold values, but the 1984 program discovered gold in quartz vein outcrops and trenches on claim EO 652301, almost one mile to the northeast of the old mine structure. Diamond drilling in 1985 has confirmed the subsurface continuation of gold mineralization in what has been designated the Northeast Area prospect, where over 12,000 ft. of diamond drilling was completed during 1985.

No previous geochemical surveys have been done on the Bannockburn property.

## Physiography and Vegetation

The property is low-lying to rolling with moderate outcrop exposure and numerous small swamps. Most of this area has thin overburden with well developed podzol soils in the well drained areas and organic soils in the poorly drained areas. The latter were not sampled.

The vegetation consists of mixed hardwoods and softwoods, including poplar, spruce, fir, hemlock, maple, oak, white ash and ironwood. Open parkland prevails in some areas of where attempts at farming have long since been abandoned.

## Geological Setting and Mineralogy

The geological setting of the Bannockburn Property is known from government reports and surveys by Sawyer Consultants Inc., and Beavon Consulting Limited (see References). Fig. 3 shows the property geology based on a compilation from the referred sources. It shows that there are two known gold occurrences on the Bannockburn property, and that they occur in two different geological settings. The old Bannockburn gold mine is located near the margin of a syenite intrusion, whereas the Northeast Area Prospect occurs in greenschist facies metavolcanic and metasedimentary rocks well outside the metamorphic aureole of the syenite. The former consists of ductile shear zones with associated quartz-veins, and the latter consists of tensional quartz veins in carbonated, schistose greenstone flows.

The mineralogy of the gold bearing quartz veins is given in Appendix 3 because it has a bearing on the elements chosen for the geochemical survey. The association of gold bismuth and tellurium had been suspected from drill results and was confirmed by Lakefield Research petrographic description (Appendix 3).

## Linecutting

A total of 35 line miles were cut and refurbished in five separate and to some extent overlapping grids (see Figs. 4-8). The main or West Grid was installed in 1981, extended in 1984, and additional lines added in 1985. With the exception of a metric drill-control grid (Fig. 8) in the Northeast Area prospect, all the lines were planned at 200 ft. spacings with stations at 100 ft. intervals. To the south and east of the Moira River, the West Grid has a baseline oriented at astronomic azimuth 345°, whereas to the north of the river the baseline is oriented 348°.

A second grid on claims EO 781909 and EO 781910 is controlled by a baseline oriented 340° astronomic. It is tied to the third, or metric drilling grid of the Northeast Area Prospect by line 2+10 m N. of the latter grid. The baseline of the drilling grid is oriented 002° astronomic with lines at 30 m intervals and stations every 30 m.

A fourth baseline runs alongside Highway 62 immediately south of Bannockburn village on claim EO 592199, and the fifth baseline is on claim EO 472420 with a baseline oriented 070° astronomic.

## Soil Geochemical Survey

A total of 3,285 samples were collected between September 3rd and 24th, and between October 26th to December 8th. Samples were taken at 50 ft. sample intervals on lines spaced at 200 ft., and at an average depth of 16 inches using a soil auger. Plastic sample bags were used to prevent loss of watery solutions from the sample.

All samples were submitted for geochemical analysis to Chemex Laboratories Ltd., for preparation in Mississauga, Ontario and analysis in North Vancouver. Sample preparation included drying, sieving to -80 mesh, and digestion of 2 gm sample in HCl and $KClO_3$. A TOPO-MIBK extraction was used and the sample was analysed for bismuth using Atomic Absorption and background correction: the detection limit is 0.1 ppm Bi. Silver was determined to 0.1 ppm sensitivity by nitric acid and aqua-regia digestion, followed by atomic absorption with background correction. Tellurium was determined by MIBK extraction following HBr with $Br_2$ digestion, and subsequently subjected to atomic absorption analysis with a detection limit of 0.05 ppm. Gold was determined to a 5 ppb detection limit by fire assay and atomic absorption analysis. All samples were analysed for bismuth, most samples on claims EO 781909 and EO 781910 were analysed for silver. Initially, samples greater than 1 ppm Bi were checked for Te, which later was substituted by Au in +80 and -80 mesh fractions.

The results for Bi and Ag have been treated by standard statistical techniques to determine background and anomalous concentration levels, corresponding respectively with the mean + 1 standard deviation, and mean + 2 standard deviations of the sample population, as follows:

Table 2 Background and Anomalous Concentrations

| | Background | Anomaly |
|---|---|---|
| Bismuth | 1.2 ppm | 2.0 ppm |
| Silver | 1.0 ppm | 1.7 ppm |

Inspection of Figs. 5b-8b shows that the most widespread bismuth anomalies occur in the north-central part of lot 28 Conc. V, about 600 ft. northwest of the old Bannockburn mine. They are located to the west of the West Grid on the south side of the Moira River: between Lines 12+00N and 19+00N, from 3+00W to 6+00W. This constitutes the core of the anomalous values, that spread southwestward as far as 2+00S 150+00W and perhaps as far north as line 32N 4+50E in Lot 29. The anomalies vary in intensity from 3 to

25 times background. One of the 25 x background samples yielded 140 ppb Au at 18+00N 7+50W. Stripping on line 12~~W~~N 4+50W revealed blue quartz veinlets similar to those in the Northeast Area Prospect.

Additional bismuth anomalies in Lot 28 Conc. V include 12+00N 0+50E on line 12N, and at 6N 0+50E, which appear to be on strike with the old mine-structure. Another anomaly on 6N 11+50E is probably due to contamination from an old mill-site. However, few bismuth anomalies could be related to the old mine structure itself, nor were any gold anomalies found along the baseline that follows that structure.

Turning to Lot 29 Conc. V, Claim EO 572484 contains an 8 x background bismuth anomaly at line 32N 4+50E that returned 140 ppb Au. A similar 8 x background anomaly at 36N 12E failed to register more than 50 ppb Au. Claim EO 652301, on lot 29 Conc VI contains the Northeast Prospect area, but only weak bismuth anomalies were found on line 39N at 26+50E to 28+50E. These are aside from similar anomalies located on the detail grid (Fig. 8b), where strong gold anomaly was located at L39N 29+50E down-slope from an old prospect pit (1300 ppb Au in +80 mesh soil fraction).

The detail grid shows occasional spot highs of bismuth and tellurium (Fig. 8a, b) but few gold checks have been made. The original Phase I rock samples were analysed for Bi and Te and were found to be anomalous (Appendix 4).

Several bismuth anomalies occur on claim EO 781909, and they include a significant 10 x background (spot) high supported by 0.75 ppm tellurium and 800 ppb gold (Fig. 6b). This latter sample is located at L2+00N Stn. 9+00E and is supported by 450 ppb gold at 9+50W.

The remaining bismuth anomalies have yet to be checked by gold analysis (Table 3).

Table 3 Soil Samples Remaining for Au Analysis

| Invoice # | Sample # |
|---|---|
| 8518370 | 1528-1531 |
| 8518370 | 1696-1700 |
| 8518408 | 1746-1754 |
| 8518408 | 1836-1867 |
| 8518761 | 4611-4622 |

One of these is located at L12+00N near the baseline, in an area of low silver anomalies located 'on-strike' from the auriferous veins of the Northeast Prospect Area. This anomaly is close to the volcanic-sedimentary contact on the opposite side of the antiform that exposes metavolcanic rocks of the Tudor Volcanic Group.

Other bismuth anomalies are located at 6+00N 9+00W with 3 x and 5 x background anomalies nearby.

Claim EO 781910, in Lot 30 Conc. VI contains two weak bismuth anomalies that have yet to be checked for gold content. Locations are L20 + 00N 11+00E and 24N on tie line 16+25E.

The highest silver anomaly, which lies outside the southeast corner of claim EO 781909, can be explained by a showing of heavy galena in a quartz vein. Other silver anomalies are extremely weak and of no further interest.

The silver background is higher in the area of the detail grid, and this is due to the presence of the metasediments that overly the Tudor metavolcanic rocks. These metasediments commonly carry 10-15% sulphides (mainly pyrrhotite) containing low lead-zinc and silver values.

Tellurium analyses were used initially to check bismuth results, but were too far below the detection limit to be useful in selection of drill sites.

## Conclusions & Recommendations

The results of Phase IV exploration, which consisted of a soil geochemical survey of the entire Bannockburn property, show that the ground conditions are favorable for this type of survey. A narrower sample interval would be more suitable for defining contourable anomalies, due partly to the limited width of the target veins, and partly to the lack of mobility of bismuth ,(this latter being advantageous in spotting drill sites).

Many soil anomalies in bismuth occur in Lot 28 Conc. V, where there are significant anomalous sites near the northern border of the Gawley Creek Syenite. It was recommended that these anomalies be tested by drilling on lines 12N and 16N, where limited stripping revealed blue quartz-veinlets and some heavy sulphide mineralization.

In lot 29 Conc. V (Claim EO 572484) a spot-high bismuth anomaly returned low gold values over metasedimentary rocks. (Location 32N 4+50E). This anomaly is considered to be a second priority diamond-drill target.

Other second priority targets may be present in the west half of lot 30 Conc. VI, but some of these require checking for gold content prior to a drill decision. Most of these anomalies are located in metasedimentary rocks close to the metavolcanic contact, a favorable area when compared with the Northeast Area Prospect.

The first priority drill target from the results to date is on line 2N 9+00E on claim EO 781909 in the west half of lot 30 Conc. VI, and is located well within the metavolcanic rocks of the Tudor Volcanic Group.

Submitted by:

R.V. Beavon, B.Sc., Ph.D.
Beavon Consulting Limited

REFERENCES

1. Reports by Sawyer Consultants Inc. for Mono Gold Mines dated:

   Feb. 14, 1983 by J.B.P. Sawyer, P.Eng.

   Oct. 10, 1984 by G.D. House, FGAC

   Dec. 20, 1984 by G.D. House, FGAC

   Mar. 14, 1985 by G.D. House, FGAC

   Apr. 12, 1985 by G.D. House, FGAC

   May 31, 1985 by R.V. Beavon, FGAC

   Aug. 30, 1985 by R.V. Beavon, FGAC

2. Reports by Beavon Consulting Limited for Mono Gold Mines Inc.

   Oct. 18, 1985 by R.V. Beavon, FGAC

   Dec. 4, 1985 by K. Kryklywy, P.Eng.

   Dec. 23, 1985 by RV. Beavon, FGAC.

   Dec. 31, by K Kryklywy, P.Eng.

   Dec. 31, by K. Kryklywy, P.Eng.

   Jan. 29, 1986 , by R.V.Beavon FGAC.


Additional references on regional work may be obtained from the above .
" analytical soil data may be found in the above reports authored by K Kryklywy.

APPENDIX 1

# CERTIFICATE OF QUALIFICATION

I, Roy V. Beavon, of Richmond, British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist, a graduate of the University College of Wales, Aberystwyth, with first class B.Sc. (1957) and Ph.D. (1960) in Geology.

2. That I am a member of the Canadian Institute of Mining and Metallurgy, a Fellow of the Geological Association of Canada, a Fellow of the Geological Society of London, a member of the Society of Economic Geologists, and the Association of Prospectors and Developers.

3. That I have practised my profession continuously as a Geologist since 1960 in the U.K., the U.S.A., and Canada, and from 1969 to the present this work was in a supervisory capacity.

4. That the information, opinions, and recommendations in this report are based on work carried out by me between May and December, 1985, on work completed by Sawyer Consultants Inc. prior to that date, and on work completed during 1966-69 for Syngenore Explorations Ltd.

5. That I have no direct or indirect interest in any of the subject properties of this report, nor in the shares of securities of Mono Gold Mines Inc., or associated companies, nor do I expect to receive such interest.

R.V. Beavon, B.Sc., Ph.D.

Dated at Vancouver, British Columbia this 5th day of February 1986.

APPENDIX 2

# Chemex Labs Ltd.

212 Brooksbank Ave
North Vancouver, B
Canada V7J 2(

Analytical Chemists Geochemists Registered Assayers

Phone: (604) 984-022
Telex: 043-5259

CERTIFICATE OF ANALYSIS

TO : MONO GOLD MINES INC.
C/O BEAVON CONSULTING LTD.
3720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

ATTN: ROY BEAVON

** CERT. # : A8515186-001
INVOICE # : I8515186
DATE : 20-AUG-85
P.O. # : NONE
MONO N.E.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 01 | 214 | 6.2 | -- | -- | -- | -- | -- |
| 02 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 03 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 04 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 05 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 06 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 07 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 08 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 09 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 10 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 11 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 12 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 13 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 14 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 15 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 16 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 17 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 18 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 19 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 20 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 21 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 22 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 23 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 24 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 25 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 26 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 27 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 28 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 29 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 30 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 31 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 32 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 33 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 34 | 214 | 0.5 | -- | -- | -- | -- | -- |
| 35 | 214 | 1.5 | -- | -- | -- | -- | -- |
| 36 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 37 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 38 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 39 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 40 | 214 | 0.1 | -- | -- | -- | -- | -- |

VOI rev. 4/8

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** CERT. # : A8515186-002
INVOICE # : I8515186
DATE : 20-AUG-85
P.O. # : NONE
MONO N.E.

ATTN: ROY BEAVON

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 41 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 42 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 43 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 44 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 45 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 46 | 214 | 0.3 | -- | -- | -- | -- | -- |
| 47 | 214 | 1.1 | -- | -- | -- | -- | -- |
| 48 | 214 | 0.4 | -- | -- | -- | -- | -- |
| 49 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 50 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 51 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 52 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 53 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 54 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 55 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 56 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 57 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 58 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 59 | 214 | 0.8 | -- | -- | -- | -- | -- |
| 60 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 61 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 62 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 63 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 64 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 65 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 66 | 214 | 3.5 | -- | -- | -- | -- | -- |
| 67 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 68 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 69 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 70 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 71 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 72 | 214 | 0.2 | -- | -- | -- | -- | -- |
| 73 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 74 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 75 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 76 | 214 | 1.5 | -- | -- | -- | -- | -- |
| 77 | 214 | 0.9 | -- | -- | -- | -- | -- |
| 78 | 214 | 0.1 | -- | -- | -- | -- | -- |
| 79 | 214 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8514058-001-
INVOICE # : I8514058
DATE : 24-JUL-85
P.O. # : NONE
MONO N.E.

CC: BRUNO VIHONEN, BRACEBRIDGE, ONTARIO

| Sample description | Prep code | Ag ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 01 | 201 | 2.3 | -- | -- | -- | -- | -- |
| 02 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 03 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 04 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 05 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 06 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 07 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 08 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 09 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 10 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 11 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 12 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 13 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 14 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 15 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 16 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 17 | 201 | 2.1 | -- | -- | -- | -- | -- |
| 18 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 19 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 20 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 21 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 22 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 23 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 24 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 25 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 26 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 27 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 28 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 29 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 30 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 31 | 201 | 1.8 | -- | -- | -- | -- | -- |
| 32 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 33 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 34 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 35 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 36 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 37 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 38 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 39 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 40 | 201 | 0.4 | -- | -- | -- | -- | -- |

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** CERT. # : A8514058-002-
INVOICE # : I8514058
DATE : 24-JUL-85
P.O. # : NONE
MONO N.E.

CC: BRUNO VIHONEN, BRACEBRIDGE, ONTARIO

| Sample description | Prep code | Ag ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 41 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 42 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 43 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 44 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 45 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 46 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 47 | 201 | 4.2 | -- | -- | -- | -- | -- |
| 48 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 49 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 50 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 51 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 52 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 53 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 54 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 55 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 56 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 57 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 58 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 59 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 60 | 201 | 2.4 | -- | -- | -- | -- | -- |
| 61 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 62 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 63 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 64 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 65 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 66 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 67 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 68 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 69 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 70 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 71 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 72 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 73 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 74 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 75 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 76 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 77 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 78 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 79 | 201 | 0.4 | -- | -- | -- | -- | -- |

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** CERT. # : A8516216-001-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 049 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 050 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 051 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 052 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 053 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 054 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 055 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 056 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 057 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 058 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 059 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 060 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 061 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 062 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 063 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 064 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 065 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 066 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 067 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 068 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 069 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 070 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 071 | 201 | 8.5 | -- | -- | -- | -- | -- |
| 072 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 073 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 074 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 075 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 076 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 077 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 078 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 079 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 080 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 081 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 082 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 083 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 084 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 085 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 086 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 087 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 088 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8516216-002-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 089 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 090 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 091 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 092 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 093 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 094 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 095 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 096 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 097 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 098 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 099 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 100 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 101 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 102 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 103 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 104 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 105 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 106 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 107 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 108 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 109 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 110 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 111 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 112 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 113 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 114 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 115 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 116 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 117 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 118 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 119 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 120 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 121 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 122 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 123 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 124 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 125 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 126 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 127 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 128 | 201 | 0.3 | -- | -- | -- | -- | -- |

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** CERT. # : A8516216-003-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 129 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 130 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 131 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 132 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 133 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 134 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 135 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 136 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 137 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 138 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 139 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 140 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 141 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 142 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 143 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 144 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 145 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 146 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 147 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 148 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 149 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 150 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 151 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 289 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 290 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 291 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 292 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 293 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 294 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 295 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 296 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 297 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 298 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 299 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 300 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 301 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 302 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 303 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 304 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 305 | 201 | 0.1 | -- | -- | -- | -- | -- |

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Telex: 043-52597

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** CERT. # : A8516216-004-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 306 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 307 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 308 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 309 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 310 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 311 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 312 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 313 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 314 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 315 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 316 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 317 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 318 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 319 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 320 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 321 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 322 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 323 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 324 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 325 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 326 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 327 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 328 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 329 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 330 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 331 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 332 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 333 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 334 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 335 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 336 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 337 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 338 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 339 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 340 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 341 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 342 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 343 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 344 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 345 | 201 | 0.2 | -- | -- | -- | -- | -- |

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** CERT. # : A8516216-005-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

CC: BEAVON CONSULTING

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 346 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 347 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 348 | 201 | 2.5 | -- | -- | -- | -- | -- |
| 349 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 350 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 351 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 352 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 353 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 354 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 355 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 356 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 357 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 358 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 359 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-001-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 152 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 153 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 154 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 155 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 156 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 157 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 158 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 159 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 160 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 161 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 162 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 163 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 164 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 165 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 166 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 167 | 201 | 2.7 | -- | -- | -- | -- | -- |
| 168 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 169 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 170 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 171 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 172 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 173 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 174 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 175 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 176 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 177 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 178 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 179 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 180 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 181 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 182 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 183 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 184 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 185 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 186 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 187 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 188 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 189 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 190 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 191 | 201 | 0.4 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-002
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
MADUC

CC: BEAVON CONSULTING, MADUC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 192 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 360 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 361 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 362 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 363 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 364 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 365 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 366 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 367 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 368 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 369 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 370 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 371 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 372 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 373 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 374 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 375 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 376 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 377 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 378 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 379 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 380 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 381 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 382 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 383 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 384 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 385 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 386 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 387 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 388 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 389 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 390 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 391 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 392 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 393 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 394 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 395 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 396 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 397 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 398 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-003-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 399 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 400 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 401 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 402 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 403 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 404 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 405 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 406 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 407 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 408 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 409 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 410 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 411 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 412 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 413 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 414 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 415 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 416 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 417 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 418 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 419 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 420 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 421 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 422 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 423 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 424 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 425 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 426 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 427 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 428 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 429 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 430 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 431 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 432 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 433 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 434 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 435 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 436 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 437 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 438 | 201 | 0.2 | -- | -- | -- | -- | -- |

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CC: BEAVON CONSULTING

** CERT. # : A8516216-004-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 306 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 307 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 308 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 309 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 310 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 311 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 312 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 313 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 314 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 315 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 316 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 317 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 318 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 319 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 320 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 321 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 322 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 323 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 324 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 325 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 326 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 327 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 328 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 329 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 330 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 331 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 332 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 333 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 334 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 335 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 336 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 337 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 338 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 339 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 340 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 341 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 342 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 343 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 344 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 345 | 201 | 0.2 | -- | -- | -- | -- | -- |

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CC: BEAVON CONSULTING

** CERT. # : A8516216-005-
INVOICE # : I8516216
DATE : 17-SEP-85
P.O. # : NONE

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 346 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 347 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 348 | 201 | 2.5 | -- | -- | -- | -- | -- |
| 349 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 350 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 351 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 352 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 353 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 354 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 355 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 356 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 357 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 358 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 359 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-006-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 676 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 677 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 678 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 679 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 680 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 681 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 682 | 201 | 3.5 | -- | -- | -- | -- | -- |
| 683 | 201 | 2.5 | -- | -- | -- | -- | -- |
| 684 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 685 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 686 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 687 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 688 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 689 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 690 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 691 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 692 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 693 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 694 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 695 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 696 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 697 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 698 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 699 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 700 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 701 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 702 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 703 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 704 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 705 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 706 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 707 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 708 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 709 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 710 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 711 | 201 | 8.5 | -- | -- | -- | -- | -- |
| 712 | 201 | 0.2 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-004-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 439 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 440 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 441 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 442 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 443 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 444 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 446 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 447 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 448 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 449 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 450 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 451 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 452 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 453 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 454 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 455 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 456 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 457 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 458 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 459 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 460 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 461 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 462 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 463 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 464 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 465 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 466 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 467 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 468 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 625 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 626 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 627 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 628 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 629 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 630 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 631 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 632 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 633 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 634 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 635 | 201 | 0.1 | -- | -- | -- | -- | -- |

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C/O BEAVON CONSULTING LTD.
8720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

** CERT. # : A8516204-005-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 636 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 637 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 638 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 639 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 640 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 641 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 642 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 643 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 644 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 645 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 646 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 647 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 648 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 649 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 650 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 651 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 652 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 653 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 654 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 655 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 656 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 657 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 658 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 659 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 660 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 661 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 662 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 663 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 664 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 665 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 666 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 667 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 668 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 669 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 670 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 671 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 672 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 673 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 674 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 675 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8516204-006-
INVOICE # : I8516204
DATE : 19-SEP-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 676 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 677 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 678 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 679 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 680 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 681 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 682 | 201 | 3.5 | -- | -- | -- | -- | -- |
| 683 | 201 | 2.5 | -- | -- | -- | -- | -- |
| 684 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 685 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 686 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 687 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 688 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 689 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 690 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 691 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 692 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 693 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 694 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 695 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 696 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 697 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 698 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 699 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 700 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 701 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 702 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 703 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 704 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 705 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 706 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 707 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 708 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 709 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 710 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 711 | 201 | 8.5 | -- | -- | -- | -- | -- |
| 712 | 201 | 0.2 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-001-
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 882 | 201 | 2.9 | -- | -- | -- | -- | -- |
| 883 | 201 | 5.6 | -- | -- | -- | -- | -- |
| 884 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 885 | 201 | 6.5 | -- | -- | -- | -- | -- |
| 886 | 201 | 9.6 | -- | -- | -- | -- | -- |
| 887 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 888 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 889 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 890 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 891 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 892 | 201 | 6.1 | -- | -- | -- | -- | -- |
| 893 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 894 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 895 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 896 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 897 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 898 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 899 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 900 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 901 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 902 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 903 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 904 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 905 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 906 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 907 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 908 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 909 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 910 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 911 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 912 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 913 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 914 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 915 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 916 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 917 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 918 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 919 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 920 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 921 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-002-
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 922 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 923 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 924 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 925 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 926 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 927 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 928 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 929 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 930 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 931 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 932 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 933 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 934 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 935 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 936 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 937 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 938 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 939 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 940 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 941 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 942 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 943 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 944 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 945 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 946 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 947 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 948 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 949 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 950 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 951 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 952 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 953 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 954 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1135 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1136 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1137 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1138 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1139 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1140 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1141 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-003-
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1142 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1143 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1144 | 201 | 2.3 | -- | -- | -- | -- | -- |
| 1145 | 201 | 3.4 | -- | -- | -- | -- | -- |
| 1146 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 1147 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1148 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1149 | 201 | 20.0 | -- | -- | -- | -- | -- |
| 1150 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1151 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1152 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 1153 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1154 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1155 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1156 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1157 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1158 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1159 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1160 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1161 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1162 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1163 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1164 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1165 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1166 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1167 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1168 | 201 | 13.0 | -- | -- | -- | -- | -- |
| 1169 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1170 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1171 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1172 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1173 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1174 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1175 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1176 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1177 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1178 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1179 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1180 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1181 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-004-A
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1182 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1183 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1184 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1185 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1186 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1187 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1188 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1189 | 201 | 1.8 | -- | -- | -- | -- | -- |
| 1190 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1191 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1192 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1193 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1194 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1195 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1196 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1197 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1198 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1199 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1200 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1201 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1202 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1203 | 201 | 1.7 | -- | -- | -- | -- | -- |
| 1204 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1205 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1206 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1207 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1208 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1209 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1210 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1211 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1212 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1213 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1214 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1215 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1216 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1217 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1218 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1219 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1220 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1221 | 201 | 0.6 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-005-
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1222 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1223 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1224 | 201 | 2.3 | -- | -- | -- | -- | -- |
| 1225 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1226 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1227 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1228 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1229 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1230 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1231 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1232 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1233 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1234 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1235 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1236 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1237 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1238 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1239 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1240 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1241 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1242 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1243 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1244 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1245 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1246 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1247 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1248 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1249 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1250 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1251 | 201 | 2.6 | -- | -- | -- | -- | -- |
| 1252 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1253 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1254 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1255 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1256 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1257 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1258 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1259 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1260 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1261 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8518074-006-
INVOICE # : I8518074
DATE : 8-NOV-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1262 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1263 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1264 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1265 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1266 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1267 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1268 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1269 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1270 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1271 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1272 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1273 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1274 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1275 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1276 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1277 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1278 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1279 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1280 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1281 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1282 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1283 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1284 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1285 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1286 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1287 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1288 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1289 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1290 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1291 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1292 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1293 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1294 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1295 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1296 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1297 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1298 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1299 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1300 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1301 | 201 | 0.1 | -- | -- | -- | -- | -- |

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K0K 2K0

** CERT. # : A8518076-001-
INVOICE # : I8518076
DATE : 8-NOV-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1302 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1303 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1304 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1305 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1306 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1307 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1308 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1309 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1310 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1311 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1312 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1313 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1314 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1315 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1316 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1317 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1318 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1319 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1320 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1321 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1322 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1323 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1324 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1325 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1326 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1327 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1328 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1329 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1330 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1331 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1332 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1333 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1334 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1335 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1336 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1337 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1338 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1339 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1340 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1341 | 201 | 0.1 | -- | -- | -- | -- | -- |

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INVOICE # : I8518076
DATE : 8-NOV-85
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1342 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1343 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1344 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1345 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1346 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1347 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1348 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1349 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1350 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1351 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1352 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1353 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1354 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1355 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1356 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1357 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1358 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1359 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1360 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1361 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1362 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1363 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1364 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1365 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1366 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1367 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1368 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1369 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1370 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1371 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1372 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1373 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1374 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1375 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1376 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1377 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1378 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1379 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1380 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1381 | 201 | 0.1 | -- | -- | -- | -- | -- |

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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1382 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1383 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1384 | 201 | 4.6 | -- | -- | -- | -- | -- |
| 1385 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1386 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1387 | 201 | 1.3 | -- | -- | -- | -- | -- |
| 1388 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1389 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1390 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1391 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1392 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1393 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1394 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1395 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1396 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1397 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1398 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1399 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1400 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1401 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1402 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1403 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1404 | 201 | 1.2 | -- | -- | -- | -- | -- |
| 1405 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1406 | 201 | 2.4 | -- | -- | -- | -- | -- |
| 1407 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1408 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1409 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1410 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1411 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1412 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1413 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1414 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 1415 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1416 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1417 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1418 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1419 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1420 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1421 | 201 | 0.1 | -- | -- | -- | -- | -- |

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INVOICE # : 18518076
DATE : 8-NOV-85
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1422 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1423 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1424 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1425 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1426 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1427 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1428 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1429 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1430 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1431 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1432 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1433 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 1434 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1435 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1436 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1437 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1438 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1439 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1440 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1441 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1442 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1443 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1445 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1446 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1447 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1448 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1449 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1450 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1451 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1501 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1502 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1503 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1504 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1505 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1506 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1507 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1508 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1509 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1510 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1511 | 201 | 0.2 | -- | -- | -- | -- | -- |

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INVOICE # : I8518076
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1512 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1513 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1514 | 201 | 0.2 | -- | -- | -- | -- | -- |

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KOK 2KO

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INVOICE # : I8517824
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 469 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 470 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 471 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 472 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 473 | 201 | 1.2 | -- | -- | -- | -- | -- |
| 474 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 475 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 476 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 477 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 478 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 479 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 480 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 713 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 714 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 715 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 716 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 717 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 718 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 719 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 720 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 721 | 201 | 1.7 | -- | -- | -- | -- | -- |
| 722 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 723 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 724 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 725 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 726 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 727 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 728 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 729 | 201 | 1.3 | -- | -- | -- | -- | -- |
| 730 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 731 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 732 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 733 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 734 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 735 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 736 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 737 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 738 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 739 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 740 | 201 | 0.1 | -- | -- | -- | -- | -- |

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INVOICE # : I8517824
DATE : 5-NOV-85
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 741 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 742 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 743 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 744 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 745 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 746 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 747 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 748 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 749 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 750 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 751 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 752 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 753 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 754 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 755 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 756 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 757 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 758 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 759 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 760 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 761 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 762 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 763 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 764 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 765 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 766 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 767 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 768 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 769 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 770 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 771 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 772 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 773 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 774 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 775 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 776 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 777 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 778 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 779 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 780 | 201 | 0.2 | -- | -- | -- | -- | -- |

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INVOICE # : I8517824
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| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 781 | 201 | 1.2 | -- | -- | -- | -- | -- |
| 782 | 201 | 5.4 | -- | -- | -- | -- | -- |
| 783 | 201 | 1.6 | -- | -- | -- | -- | -- |
| 784 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 785 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 786 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 787 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 788 | 201 | 3.9 | -- | -- | -- | -- | -- |
| 789 | 201 | 2.2 | -- | -- | -- | -- | -- |
| 790 | 201 | 2.0 | -- | -- | -- | -- | -- |
| 791 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 792 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 793 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 794 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 795 | 201 | 2.3 | -- | -- | -- | -- | -- |
| 796 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 797 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 798 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 799 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 800 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 801 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 802 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 803 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 804 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 805 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 806 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 807 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 808 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 809 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 810 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 811 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 812 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 813 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 814 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 815 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 816 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 817 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 818 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 819 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 820 | 201 | 0.2 | -- | -- | -- | -- | -- |

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** CERT. # : A8517824-004-
INVOICE # : I8517824
DATE : 5-NOV-85
P.O. # :
BANNOCK BURN

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 821 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 822 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 823 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 824 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 825 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 826 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 827 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 828 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 829 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 830 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 831 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 832 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 833 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 834 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 835 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 836 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 837 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 838 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 839 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 840 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 841 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 842 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 843 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 844 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 845 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 846 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 847 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 848 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 849 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 850 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 851 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 852 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 853 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 854 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 855 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 856 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 857 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 858 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 859 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 860 | 201 | 1.9 | -- | -- | -- | -- | -- |

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** CERT. # : A8517824-005-
INVOICE # : I8517824
DATE : 5-NOV-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 861 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 862 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 863 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 864 | 201 | 2.9 | -- | -- | -- | -- | -- |
| 865 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 866 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 867 | 201 | 1.9 | -- | -- | -- | -- | -- |
| 868 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 869 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 870 | 201 | 2.0 | -- | -- | -- | -- | -- |
| 871 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 872 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 873 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 874 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 875 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 876 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 877 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 878 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 879 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 880 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 881 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1001 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1002 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1003 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1004 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1005 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1006 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1007 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1008 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1009 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1010 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1011 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1012 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1013 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1014 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1015 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1016 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1017 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1018 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1019 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8517824-006-
INVOICE # : I8517824
DATE : 5-NOV-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1020 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1021 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1022 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1023 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1024 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1025 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1026 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1027 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1028 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1029 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1030 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1031 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1032 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1033 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1034 | 201 | 0.8 | -- | -- | -- | -- | -- |
| 1035 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1036 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1037 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1038 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 1039 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1040 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1041 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1042 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1043 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1044 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1045 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1046 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1047 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1048 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1049 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1050 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1051 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1052 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1053 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1054 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1055 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1056 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1057 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1058 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1059 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8517824-007-
INVOICE # : I8517824
DATE : 5-NOV-85
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1060 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1061 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1062 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1063 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1064 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1065 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1066 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1067 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1068 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1069 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1070 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1071 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1072 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1073 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1074 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1075 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1076 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1077 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1078 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1079 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1080 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1081 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1082 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1083 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1084 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1085 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1086 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1087 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1088 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1089 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1090 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1091 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1092 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1093 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1094 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1095 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1096 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1097 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1098 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1099 | 201 | 0.1 | -- | -- | -- | -- | -- |

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** CERT. # : A8517824-008-
INVOICE # : I8517824
DATE : 5-NOV-85
P.O. # :
BANNOCK BURN

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1100 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1101 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1102 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1103 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1104 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1105 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1106 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1107 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1108 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1109 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1110 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1111 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1112 | 201 | 1.1 | -- | -- | -- | -- | -- |
| 1113 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1114 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1115 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1116 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1117 | 201 | 0.9 | -- | -- | -- | -- | -- |
| 1118 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1119 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 1120 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1121 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1122 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 1123 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1124 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1125 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1126 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1127 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 1128 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1129 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1130 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1131 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1132 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 1133 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 1134 | 201 | 0.2 | -- | -- | -- | -- | -- |



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CERT. # : A8518477-001-
INVOICE # : I8518477
DATE : 2-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Ag ppm | Bi ppm | Te ppm | | | |
|---|---|---|---|---|---|---|---|
| 1986 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1987 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1988 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1989 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1990 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1991 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1992 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1993 | 201 | 0.1 | 0.2 | -- | -- | -- | -- |
| 1994 | 201 | 0.1 | 0.1 | -- | -- | -- | -- |
| 1995 | 201 | 0.2 | 0.2 | -- | -- | -- | -- |
| 1996 | 201 | 0.2 | 0.5 | -- | -- | -- | -- |
| 1997 | 201 | 0.5 | 0.2 | -- | -- | -- | -- |
| 1998 | 201 | 0.1 | 0.4 | -- | -- | -- | -- |
| 1999 | 201 | 0.5 | 0.6 | -- | -- | -- | -- |
| 2000 | 201 | 0.2 | 0.1 | -- | -- | -- | -- |
| 3801 | 201 | -- | 0.5 | -- | -- | -- | -- |
| 3802 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3803 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3804 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3805 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3806 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3807 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3808 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 3809 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3810 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3811 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3812 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3813 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3814 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 3815 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3816 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3817 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3818 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3819 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3820 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3821 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3822 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3823 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3824 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 3825 | 201 | -- | 0.1 | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518477-004-
INVOICE # : I8518477
DATE : 2-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Ag ppm | Bi ppm | Te ppm | | | |
|---|---|---|---|---|---|---|---|
| 4017 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4018 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4019 | 201 | -- | 0.4 | <0.05 | -- | -- | -- |
| 4020 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4021 | 201 | -- | 0.6 | <0.05 | -- | -- | -- |
| 4022 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4023 | 201 | -- | 0.5 | <0.05 | -- | -- | -- |
| 4024 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4025 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4026 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4027 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4028 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4029 | 201 | -- | 1.1 | 0.10 | -- | -- | -- |
| 4030 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4031 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4032 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4033 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4034 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4035 | 201 | -- | 0.4 | <0.05 | -- | -- | -- |
| 4036 | 201 | -- | 0.8 | <0.05 | -- | -- | -- |
| 4037 | 201 | -- | 3.1 | 0.20 | -- | -- | -- |
| 4038 | 201 | -- | 0.8 | <0.05 | -- | -- | -- |
| 4039 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4040 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4041 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4042 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4043 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4044 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4045 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4046 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4047 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4048 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4049 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4050 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4051 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4052 | 201 | -- | 7.2 | <0.05 | -- | -- | -- |
| 4053 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4054 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4055 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4056 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |

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INVOICE # : I8518477
DATE : 2-DEC-85
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| Sample description | Prep code | Ag ppm | Bi ppm | Te ppm | | | |
|---|---|---|---|---|---|---|---|
| 4057 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4058 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4059 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4060 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4061 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4062 | 201 | -- | 0.3 | <0.05 | -- | -- | -- |
| 4063 | 201 | -- | 0.1 | <0.05 | -- | -- | -- |
| 4064 | 201 | -- | 0.2 | <0.05 | -- | -- | -- |
| 4065 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4066 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4067 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4068 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4069 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4070 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4071 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4072 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4073 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4074 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4075 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4076 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4077 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4078 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4079 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4080 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4081 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4082 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4083 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4084 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4085 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4086 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4087 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4088 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4089 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4090 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4091 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4092 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4093 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4094 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4095 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4096 | 201 | -- | 0.1 | -- | -- | -- | -- |

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INVOICE # : I8518477
DATE : 2-DEC-85
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| Sample description | Prep code | Ag ppm | Bi ppm | Te ppm | | | |
|---|---|---|---|---|---|---|---|
| 4097 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4098 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4099 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4100 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4101 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4102 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4103 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4104 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4105 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4106 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4107 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4108 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4109 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4110 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4111 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4112 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4113 | 201 | -- | 0.5 | -- | -- | -- | -- |
| 4114 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4115 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4116 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4117 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4118 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4119 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4120 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4121 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4122 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4123 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4124 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4125 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4126 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4127 | 201 | -- | 1.1 | -- | -- | -- | -- |
| 4128 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4129 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4130 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4131 | 201 | -- | 0.4 | -- | -- | -- | -- |
| 4132 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4133 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4134 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4135 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4136 | 201 | -- | 0.2 | -- | -- | -- | -- |

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INVOICE # : I8518477
DATE : 2-DEC-85
P.O. # :
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| Sample description | Prep code | Ag ppm | Bi ppm | Te ppm | | | |
|---|---|---|---|---|---|---|---|
| 4137 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4138 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4139 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4140 | 201 | -- | 0.4 | -- | -- | -- | -- |
| 4141 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4142 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4143 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4144 | 201 | -- | 0.8 | -- | -- | -- | -- |
| 4145 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4146 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4147 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4148 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4149 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4150 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4151 | 201 | -- | 0.2 | -- | -- | -- | -- |
| 4152 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4153 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4154 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4155 | 201 | -- | 0.1 | -- | -- | -- | -- |
| 4156 | 201 | -- | 0.2 | -- | -- | -- | -- |

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CERT. # : A8518761-001
INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
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| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4445 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4446 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4447 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4448 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4449 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4450 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4451 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4452 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4453 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4454 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4455 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4456 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 4457 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4458 | 201 | 1.5 | -- | -- | -- | -- | -- |
| 4459 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 4460 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 4461 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 4462 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4463 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4464 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4465 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4466 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4467 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4468 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4469 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4470 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4471 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4472 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4473 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4474 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4475 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 4476 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4477 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4478 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4479 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4480 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4481 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4482 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4483 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4484 | 201 | 0.2 | -- | -- | -- | -- | -- |

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CERT. # : A8518761-00
INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
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CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4485 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4486 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4487 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4488 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4489 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4490 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4491 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4492 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4493 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4494 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4495 | 201 | 0.7 | -- | -- | -- | -- | -- |
| 4496 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 4497 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 4498 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4499 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4500 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4537 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4538 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4539 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4540 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 4541 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4542 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4543 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4544 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4545 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4546 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4547 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4548 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 4549 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4550 | 201 | 0.4 | -- | -- | -- | -- | -- |
| 4551 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4552 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4553 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4554 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4555 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4556 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4557 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4558 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4559 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4560 | 201 | 0.1 | -- | -- | -- | -- | -- |

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INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4561 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4562 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4563 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4564 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4565 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4566 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4567 | 201 | 0.6 | -- | -- | -- | -- | -- |
| 4568 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4569 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4570 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4571 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4572 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4573 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4574 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4575 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4576 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4577 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4578 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4579 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4580 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4581 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4582 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4583 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4584 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4585 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4586 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4587 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4588 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4589 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4590 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4591 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4592 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4593 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4594 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4595 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4596 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4597 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4598 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4599 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4600 | 201 | 0.1 | -- | -- | -- | -- | -- |

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CERT. # : A8518761-00
INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4601 | 201 | 0.5 | -- | -- | -- | -- | -- |
| 4602 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4603 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4604 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4605 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4606 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4607 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4608 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4609 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4610 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4611 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4612 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4613 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4614 | 201 | 1.0 | -- | -- | -- | -- | -- |
| 4615 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4616 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4617 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4618 | 201 | 2.4 | -- | -- | -- | -- | -- |
| 4619 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4620 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4621 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4622 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4623 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4624 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4625 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4626 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4627 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4628 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4629 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4630 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4631 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4632 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4633 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4634 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4635 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4636 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4637 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4638 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4639 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4640 | 201 | 0.2 | -- | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518761-00
INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4641 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4642 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4643 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4644 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4645 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4646 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4647 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4648 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4649 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4650 | 202 | 0.1 | <5 | 93 | <0.05 | -- | -- |
| 4651 | 202 | 0.1 | <5 | 15 | 0.10 | -- | -- |
| 4652 | 202 | 0.1 | <5 | 16 | <0.05 | -- | -- |
| 4653 | 202 | 0.1 | <5 | 23 | 0.05 | -- | -- |
| 4654 | 202 | 0.2 | 15 | 62 | 0.10 | -- | -- |
| 4655 | 202 | 0.8 | <5 | 62 | 0.30 | -- | -- |
| 4656 | 202 | 0.9 | <10 | 100 | 0.40 | -- | -- |
| 4657 | 202 | 1.4 | <10 | 131 | 0.50 | -- | -- |
| 4658 | 202 | 2.4 | <10 | 137 | 0.60 | -- | -- |
| 4659 | 202 | 3.7 | <20 | 59 | 1.00 | -- | -- |
| 4660 | 202 | 0.4 | <10 | 118 | <0.05 | -- | -- |
| 4661 | 202 | 0.2 | 15 | 59 | 0.05 | -- | -- |
| 4662 | 202 | 1.0 | 150 | 82 | 0.10 | -- | -- |
| 4663 | 202 | 1.9 | 340 | 102 | 0.20 | -- | -- |
| 4664 | 202 | 0.8 | 70 | 84 | 0.10 | -- | -- |
| 4665 | 202 | 1.1 | 270 | 95 | 0.15 | -- | -- |
| 4666 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4667 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4668 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4669 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4670 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4671 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4672 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4673 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4674 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4675 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4676 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4677 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4678 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4679 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4680 | 201 | 0.1 | -- | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518761-006-
INVOICE # : I8518761
DATE : 13-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Bi ppm | Au ppb FA+AA | Cu ppm | Te ppm | | |
|---|---|---|---|---|---|---|---|
| 4681 | 201 | 0.3 | -- | -- | -- | -- | -- |
| 4682 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4683 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4684 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4685 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4686 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4687 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4688 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4689 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4690 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4691 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4692 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4693 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4694 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4695 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4696 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4697 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4698 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4699 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4700 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4701 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4702 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4703 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4704 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4705 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4706 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4707 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4708 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4709 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4710 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4711 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4712 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4713 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4714 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4715 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4716 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4717 | 201 | 0.1 | -- | -- | -- | -- | -- |
| 4718 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4719 | 201 | 0.2 | -- | -- | -- | -- | -- |
| 4720 | 201 | 0.2 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8518224-001-
INVOICE # : I8518224
DATE : 15-NOV-85
P.O. # : NONE
MADOC

CC: BEAVON CONS., MADOC, ONTARIO

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 001 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 035 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 047 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 059 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 066 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 068 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 069 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 071 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 076 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 157 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 167 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 682 | 214 | 0.35 | -- | -- | -- | -- | -- |
| 683 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 686 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 689 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 692 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 697 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 698 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 699 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 700 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 711 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 110 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 310 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 311 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 312 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 320 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 348 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 469 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 473 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 474 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 477 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 721 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 729 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 781 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 782 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 783 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 788 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 789 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 790 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 795 | 214 | <0.05 | -- | -- | -- | -- | -- |

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V7C 1S9

** CERT. # : A8518224-002-A
INVOICE # : I8518224
DATE : 15-NOV-85
P.O. # : NONE
MADOC

CC: BEAVON CONS., MADOC, ONTARIO

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 809 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 859 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 860 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 864 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 867 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 868 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 870 | 214 | 0.40 | -- | -- | -- | -- | -- |
| 1021 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1038 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1112 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518437-001-
INVOICE # : I8518437
DATE : 25-NOV-85
P.O. # :
MONO NE

THESE SAMPLES ARE FROM THE FIRST SUBMISSION ON A8514058

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 002 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 003 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 004 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 005 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 006 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 007 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 008 | 214 | N.S.S. | -- | -- | -- | -- | -- |
| 009 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 010 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 011 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 012 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 013 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 014 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 015 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 016 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 017 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 018 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 019 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 020 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 021 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 022 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 023 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 024 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 025 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 026 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 027 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 028 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 029 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 030 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 031 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 032 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 033 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 034 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 036 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 037 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 038 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 039 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 040 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 041 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 042 | 214 | <0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518437-002-
INVOICE # : I8518437
DATE : 25-NOV-85
P.O. # :
MONO NE

THESE SAMPLES ARE FROM THE FIRST SUBMISSION ON A8514058

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 043 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 044 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 045 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 046 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 048 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 049 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 050 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 051 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 052 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 053 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 054 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 055 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 056 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 057 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 058 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 060 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 061 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 062 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 063 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 064 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 065 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 067 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 070 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 072 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 073 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 074 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 075 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 077 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 078 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 079 | 214 | <0.05 | -- | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518438-001-
INVOICE # : I8518438
DATE : 25-NOV-85
P.O. # :
MADOC

CC:BEAVON CONSULTING,MADOC,ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 071 | 214 | 0.40 | -- | -- | -- | -- | -- |
| 075 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 082 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 112 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 113 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 114 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 115 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 116 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 117 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 118 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 119 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 120 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 121 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 122 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 123 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 124 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 125 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 126 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 127 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 128 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 129 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 130 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 131 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 132 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 133 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 469 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 470 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 471 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 472 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 473 | 214 | N.S.S. | -- | -- | -- | -- | -- |
| 474 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 475 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 476 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 477 | 214 | N.S.S. | -- | -- | -- | -- | -- |
| 478 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 713 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 714 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 715 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 716 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 717 | 214 | <0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518438-002-
INVOICE # : I8518438
DATE : 25-NOV-85
P.O. # :
MADOC

CC:BEAVON CONSULTING,MADOC,ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 718 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 719 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 720 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 721 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 722 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 723 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 724 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 725 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 726 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 727 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 728 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 729 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 730 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 731 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 732 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 733 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 734 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 735 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 736 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 737 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 738 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 739 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 740 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 741 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 742 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 743 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 744 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 745 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 746 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 747 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 748 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 749 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 750 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 751 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 752 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 753 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 754 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 755 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 756 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 757 | 214 | <0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518438-003-
INVOICE # : I8518438
DATE : 25-NOV-85
P.O. # :
MADOC

CC:BEAVON CONSULTING,MADOC,ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 758 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 759 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 760 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 761 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 762 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 832 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 883 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 885 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 886 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 892 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 925 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1144 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1145 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1146 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1149 | 214 | 0.40 | -- | -- | -- | -- | -- |
| 1168 | 214 | 1.10 | -- | -- | -- | -- | -- |
| 1189 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1203 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1224 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1225 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1226 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1227 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1228 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1229 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1230 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1231 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1232 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1233 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1234 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1237 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1244 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1249 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1251 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1333 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 1339 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1384 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1387 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1400 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1406 | 214 | 1.00 | -- | -- | -- | -- | -- |
| 1408 | 214 | <0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518438-004-
INVOICE # : I8518438
DATE : 25-NOV-85
P.O. # :
MADOC

CC:BEAVON CONSULTING,MADOC,ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1409 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1410 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1411 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1412 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1413 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1414 | 214 | 0.30 | -- | -- | -- | -- | -- |
| 1415 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1416 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1417 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1418 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1419 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1420 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1421 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1422 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1423 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1424 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1425 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1433 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1434 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1436 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1441 | 214 | <0.05 | -- | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518676-001-
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 098 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 099 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 100 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 101 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 102 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 103 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 104 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 105 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 106 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 107 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 108 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 109 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 111 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 152 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 153 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 154 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 155 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 156 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 158 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 159 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 160 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 161 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 162 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 163 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 164 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 165 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 166 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 168 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 169 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 461 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 462 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 463 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 464 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 465 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 674 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 675 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 676 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 677 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 678 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 679 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518676-002
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 680 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 681 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 684 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 685 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 687 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 772 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 773 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 774 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 779 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 780 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 784 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 785 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 786 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 787 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 791 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 884 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 887 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 888 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 889 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1007 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1008 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1009 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1010 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1011 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1014 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1015 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1016 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1139 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1140 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1141 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1142 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1143 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1147 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1148 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1150 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1151 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1152 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1135 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1136 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1137 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518676-003-
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1188 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1190 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1191 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1192 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1193 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1194 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1195 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1196 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1197 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1198 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1199 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1200 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1201 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1202 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1204 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1205 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1529 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1530 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1544 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1545 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1546 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1547 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1548 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1549 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1550 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1551 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1552 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1553 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1562 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1563 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1564 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1565 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1584 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1585 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1586 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1587 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1588 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1667 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1668 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1669 | 214 | <0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518676-004-A
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1671 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1672 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1673 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1674 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1675 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 1676 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 1696 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1698 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1699 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1700 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1780 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1781 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1858 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1859 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1860 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1861 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1862 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1863 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1864 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1866 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1881 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1882 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1883 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1884 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1886 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1887 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1888 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1889 | 214 | 0.05 | -- | -- | -- | -- | -- |

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RICHMOND, B.C.
V7C 1S9

CERT. # : A8518676-001-A
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 098 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 099 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 100 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 101 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 102 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 103 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 104 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 105 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 106 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 107 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 108 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 109 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 111 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 152 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 153 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 154 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 155 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 156 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 158 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 159 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 160 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 161 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 162 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 163 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 164 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 165 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 166 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 168 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 169 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 461 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 462 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 463 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 464 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 465 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 674 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 675 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 676 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 677 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 678 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 679 | 214 | <0.05 | -- | -- | -- | -- | -- |

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## CERTIFICATE OF ANALYSIS

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V7C 1S9

CERT. # : A8518676-002-A
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 680 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 681 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 684 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 685 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 687 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 772 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 773 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 774 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 779 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 780 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 784 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 785 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 786 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 787 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 791 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 884 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 887 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 888 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 889 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1007 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1008 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1009 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1010 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1011 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1014 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1015 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1016 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1139 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1140 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1141 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1142 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1143 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1147 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1148 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1150 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1151 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1152 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1185 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1186 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1187 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518676-003-
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1188 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1190 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1191 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1192 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1193 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1194 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1195 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1196 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1197 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1198 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1199 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1200 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1201 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1202 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1204 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1205 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1529 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1530 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1544 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1545 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1546 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1547 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1548 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1549 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1550 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1551 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1552 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1553 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1562 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1563 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1564 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1565 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1584 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1585 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1586 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1587 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1588 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1667 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1668 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1669 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518676-004
INVOICE # : I8518676
DATE : 5-DEC-85
P.O. # :
MADOC

CC: BEAVON CONSULTING, MADOC, ONT.

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 1671 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1672 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1673 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1674 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1675 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 1676 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 1696 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1698 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1699 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1700 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1780 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1781 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1858 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1859 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1860 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1861 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1862 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1863 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1864 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1866 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1881 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1882 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1883 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1884 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1886 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 1887 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 1888 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 1889 | 214 | 0.05 | -- | -- | -- | -- | -- |

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V7C 1S9

CERT. # : A8518828-001-
INVOICE # : I8518828
DATE : 10-DEC-85
P.O. # :
MADOC

CC: BEAVON COSULTING, MADOC, ONT.

| Sample description | Prep code | Au ppb FA+AA | | | | | |
|---|---|---|---|---|---|---|---|
| 4650 +80 | 217 | <5 | -- | -- | -- | -- | -- |
| 4651 +80 | 217 | <5 | -- | -- | -- | -- | -- |
| 4652 +80 | 217 | <5 | -- | -- | -- | -- | -- |
| 4653 +80 | 217 | <5 | -- | -- | -- | -- | -- |
| 4654 +80 | 217 | 20 | -- | -- | -- | -- | -- |
| 4655 +80 | 217 | 20 | -- | -- | -- | -- | -- |
| 4656 +80 | 217 | <5 | -- | -- | -- | -- | -- |
| 4657 +80 | 217 | 10 | -- | -- | -- | -- | -- |
| 4658 +80 | 217 | 5 | -- | -- | -- | -- | -- |
| 4659 +80 | 217 | 30 | -- | -- | -- | -- | -- |
| 4660 +80 | 217 | 25 | -- | -- | -- | -- | -- |
| 4661 +80 | 217 | 15 | -- | -- | -- | -- | -- |
| 4662 +80 | 217 | 175 | -- | -- | -- | -- | -- |
| 4663 +80 | 217 | 1300 | -- | -- | -- | -- | -- |
| 4664 +80 | 217 | 95 | -- | -- | -- | -- | -- |
| 4665 +80 | 217 | 220 | -- | -- | -- | -- | -- |

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CERT. # : A8518888-001
INVOICE # : I8518888
DATE : 16-DEC-85
P.O. # :
MADOC

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 3893 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 3895 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4127 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4160 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4267 | 214 | 0.25 | -- | -- | -- | -- | -- |
| 4268 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 4269 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4271 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4291 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4297 | 214 | 0.50 | -- | -- | -- | -- | -- |
| 4309 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4360 | 214 | 0.55 | -- | -- | -- | -- | -- |
| 4381 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 4383 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4506 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4515 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4456 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4458 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4548 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4614 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 4618 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4816 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4955 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4956 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8518888-001-A
INVOICE # : I8518888
DATE : 16-DEC-85
P.O. # :
MADOC

| Sample description | Prep code | Te ppm | | | | | |
|---|---|---|---|---|---|---|---|
| 3893 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 3895 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4127 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4160 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4267 | 214 | 0.25 | -- | -- | -- | -- | -- |
| 4268 | 214 | 0.20 | -- | -- | -- | -- | -- |
| 4269 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4271 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4291 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4297 | 214 | 0.50 | -- | -- | -- | -- | -- |
| 4309 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4360 | 214 | 0.55 | -- | -- | -- | -- | -- |
| 4381 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 4383 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4506 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4515 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4456 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4458 | 214 | 0.10 | -- | -- | -- | -- | -- |
| 4548 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4614 | 214 | 0.15 | -- | -- | -- | -- | -- |
| 4618 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 4816 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4955 | 214 | <0.05 | -- | -- | -- | -- | -- |
| 4956 | 214 | <0.05 | -- | -- | -- | -- | -- |

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CERT. # : A8519076-001-A
INVOICE # : I8519076
DATE : 20-DEC-85
P.O. # : NONE
MADOC

ATTN: ROY BEAVON

| Sample description | Prep code | Au ppb FA+AA | | | | | |
|---|---|---|---|---|---|---|---|
| 1671 | 214 | <5 | -- | -- | -- | -- | -- |
| 1672 | 214 | <5 | -- | -- | -- | -- | -- |
| 1673 | 214 | <10 | -- | -- | -- | -- | -- |
| 1674 | 214 | <5 | -- | -- | -- | -- | -- |
| 1675 | 214 | <10 | -- | -- | -- | -- | -- |
| 1676 | 214 | <5 | -- | -- | -- | -- | -- |
| 1881 | 214 | <5 | -- | -- | -- | -- | -- |
| 1882 | 214 | <5 | -- | -- | -- | -- | -- |
| 1883 | 214 | <5 | -- | -- | -- | -- | -- |
| 1884 | 214 | 450 | -- | -- | -- | -- | -- |
| 1885 | 214 | 800 | -- | -- | -- | -- | -- |
| 1886 | 214 | <15 | -- | -- | -- | -- | -- |
| 1887 | 214 | <10 | -- | -- | -- | -- | -- |
| 1888 | 214 | <15 | -- | -- | -- | -- | -- |
| 1889 | 214 | <50 | -- | -- | -- | -- | -- |
| 4027 | 214 | <5 | -- | -- | -- | -- | -- |
| 4028 | 214 | <5 | -- | -- | -- | -- | -- |
| 4029 | 214 | <5 | -- | -- | -- | -- | -- |
| 4030 | 214 | <5 | -- | -- | -- | -- | -- |
| 4031 | 214 | <5 | -- | -- | -- | -- | -- |
| 4032 | 214 | <5 | -- | -- | -- | -- | -- |
| 4033 | 214 | <5 | -- | -- | -- | -- | -- |
| 4034 | 214 | <10 | -- | -- | -- | -- | -- |
| 4035 | 214 | <25 | -- | -- | -- | -- | -- |
| 4036 | 214 | <5 | -- | -- | -- | -- | -- |
| 4037 | 214 | 85 | -- | -- | -- | -- | -- |
| 4038 | 214 | <5 | -- | -- | -- | -- | -- |
| 4039 | 214 | 5 | -- | -- | -- | -- | -- |
| 4043 | 214 | 5 | -- | -- | -- | -- | -- |
| 4044 | 214 | <5 | -- | -- | -- | -- | -- |
| 4045 | 214 | 35 | -- | -- | -- | -- | -- |
| 4046 | 214 | <5 | -- | -- | -- | -- | -- |
| 4047 | 214 | <5 | -- | -- | -- | -- | -- |
| 4048 | 214 | <5 | -- | -- | -- | -- | -- |
| 4049 | 214 | <5 | -- | -- | -- | -- | -- |
| 4050 | 214 | <5 | -- | -- | -- | -- | -- |
| 4051 | 214 | <15 | -- | -- | -- | -- | -- |
| 4052 | 214 | <20 | -- | -- | -- | -- | -- |
| 4053 | 214 | <5 | -- | -- | -- | -- | -- |
| 4054 | 214 | <5 | -- | -- | -- | -- | -- |

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ATTN: ROY BEAVON

CERT. # : A8519076-002-A
INVOICE # : I8519076
DATE : 20-DEC-85
P.O. # : NONE
MADOC

| Sample description | Prep code | Au ppb FA+AA | | | | | |
|---|---|---|---|---|---|---|---|
| 4055 | 214 | <15 | -- | -- | -- | -- | -- |

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ATTN: ROY BEAVON

CERT. # : A8519289-001-
INVOICE # : I8519289
DATE : 7-JAN-86
P.O. # : NONE
MADCC

| Sample description | Prep code | Au ppb FA+AA | | | | | |
|---|---|---|---|---|---|---|---|
| 440 | 214 | <10 | -- | -- | -- | -- | -- |
| 441 | 214 | <5 | -- | -- | -- | -- | -- |
| 442 | 214 | <5 | -- | -- | -- | -- | -- |
| 443 | 214 | <5 | -- | -- | -- | -- | -- |
| 444 | 214 | <5 | -- | -- | -- | -- | -- |
| 462 | 214 | <25 | -- | -- | -- | -- | -- |
| 463 | 214 | <10 | -- | -- | -- | -- | -- |
| 464 | 214 | <50 | -- | -- | -- | -- | -- |
| 465 | 214 | <50 | -- | -- | -- | -- | -- |
| 680 | 214 | <5 | -- | -- | -- | -- | -- |
| 681 | 214 | <5 | -- | -- | -- | -- | -- |
| 682 | 214 | <5 | -- | -- | -- | -- | -- |
| 683 | 214 | <5 | -- | -- | -- | -- | -- |
| 684 | 214 | <25 | -- | -- | -- | -- | -- |
| 685 | 214 | <5 | -- | -- | -- | -- | -- |
| 686 | 214 | <25 | -- | -- | -- | -- | -- |
| 687 | 214 | <5 | -- | -- | -- | -- | -- |
| 709 | 214 | 15 | -- | -- | -- | -- | -- |
| 710 | 214 | <5 | -- | -- | -- | -- | -- |
| 711 | 214 | 140 | -- | -- | -- | -- | -- |
| 712 | 214 | <5 | -- | -- | -- | -- | -- |
| 064 | 214 | <5 | -- | -- | -- | -- | -- |
| 065 | 214 | <5 | -- | -- | -- | -- | -- |
| 066 | 214 | <5 | -- | -- | -- | -- | -- |
| 067 | 214 | <5 | -- | -- | -- | -- | -- |
| 068 | 214 | <5 | -- | -- | -- | -- | -- |
| 069 | 214 | <5 | -- | -- | -- | -- | -- |
| 070 | 214 | <5 | -- | -- | -- | -- | -- |
| 071 | 214 | <50 | -- | -- | -- | -- | -- |
| 072 | 214 | <5 | -- | -- | -- | -- | -- |
| 073 | 214 | 50 | -- | -- | -- | -- | -- |
| 074 | 214 | <10 | -- | -- | -- | -- | -- |
| 119 | 214 | <15 | -- | -- | -- | -- | -- |
| 120 | 214 | <10 | -- | -- | -- | -- | -- |
| 121 | 214 | <5 | -- | -- | -- | -- | -- |
| 122 | 214 | <5 | -- | -- | -- | -- | -- |
| 1431 | 214 | <5 | -- | -- | -- | -- | -- |
| 1432 | 214 | <5 | -- | -- | -- | -- | -- |
| 1433 | 214 | N.S.S. | -- | -- | -- | -- | -- |
| 1434 | 214 | <50 | -- | -- | -- | -- | -- |

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CERT. # : A8519289-002-
INVOICE # : I8519289
DATE : 7-JAN-86
P.O. # : NONE
MACOC

ATTN: ROY BEAVON

| Sample description | Prep code | Au ppb FA+AA | | | | | |
|---|---|---|---|---|---|---|---|
| 1435 | 214 | <5 | -- | -- | -- | -- | -- |
| 1436 | 214 | 10 | -- | -- | -- | -- | -- |
| 1437 | 214 | 5 | -- | -- | -- | -- | -- |
| 1438 | 214 | 10 | -- | -- | -- | -- | -- |
| 1439 | 214 | <5 | -- | -- | -- | -- | -- |
| 4285 | 214 | <5 | -- | -- | -- | -- | -- |
| 4286 | 214 | <5 | -- | -- | -- | -- | -- |
| 4287 | 214 | <5 | -- | -- | -- | -- | -- |
| 4288 | 214 | <5 | -- | -- | -- | -- | -- |
| 4289 | 214 | 5 | -- | -- | -- | -- | -- |
| 4324 | 214 | <5 | -- | -- | -- | -- | -- |
| 4325 | 214 | <5 | -- | -- | -- | -- | -- |
| 4326 | 214 | <5 | -- | -- | -- | -- | -- |
| 4358 | 214 | 5 | -- | -- | -- | -- | -- |
| 4359 | 214 | <5 | -- | -- | -- | -- | -- |
| 4360 | 214 | <5 | -- | -- | -- | -- | -- |
| 4361 | 214 | 5 | -- | -- | -- | -- | -- |
| 4362 | 214 | <5 | -- | -- | -- | -- | -- |
| 4378 | 214 | <5 | -- | -- | -- | -- | -- |
| 4379 | 214 | <5 | -- | -- | -- | -- | -- |
| 4380 | 214 | <5 | -- | -- | -- | -- | -- |
| 4381 | 214 | <5 | -- | -- | -- | -- | -- |
| 4382 | 214 | <5 | -- | -- | -- | -- | -- |
| 4383 | 214 | <5 | -- | -- | -- | -- | -- |
| 4384 | 214 | <5 | -- | -- | -- | -- | -- |
| 4509 | 214 | <5 | -- | -- | -- | -- | -- |
| 4510 | 214 | <25 | -- | -- | -- | -- | -- |
| 4511 | 214 | <10 | -- | -- | -- | -- | -- |
| 4512 | 214 | 140 | -- | -- | -- | -- | -- |
| 4513 | 214 | <5 | -- | -- | -- | -- | -- |
| 4815 | 214 | <5 | -- | -- | -- | -- | -- |
| 4816 | 214 | 20 | -- | -- | -- | -- | -- |
| 4817 | 214 | 20 | -- | -- | -- | -- | -- |
| 4818 | 214 | <5 | -- | -- | -- | -- | -- |

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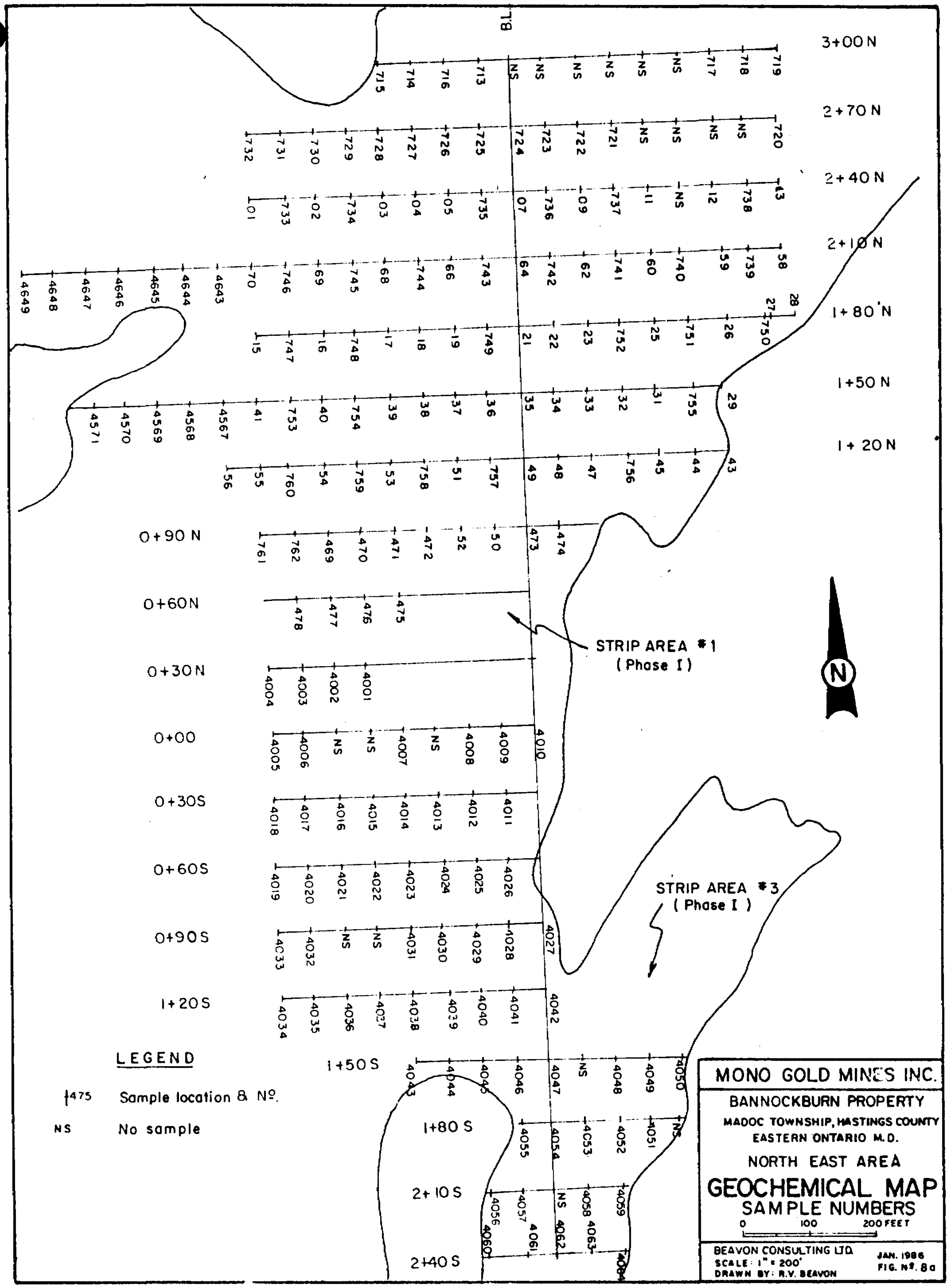

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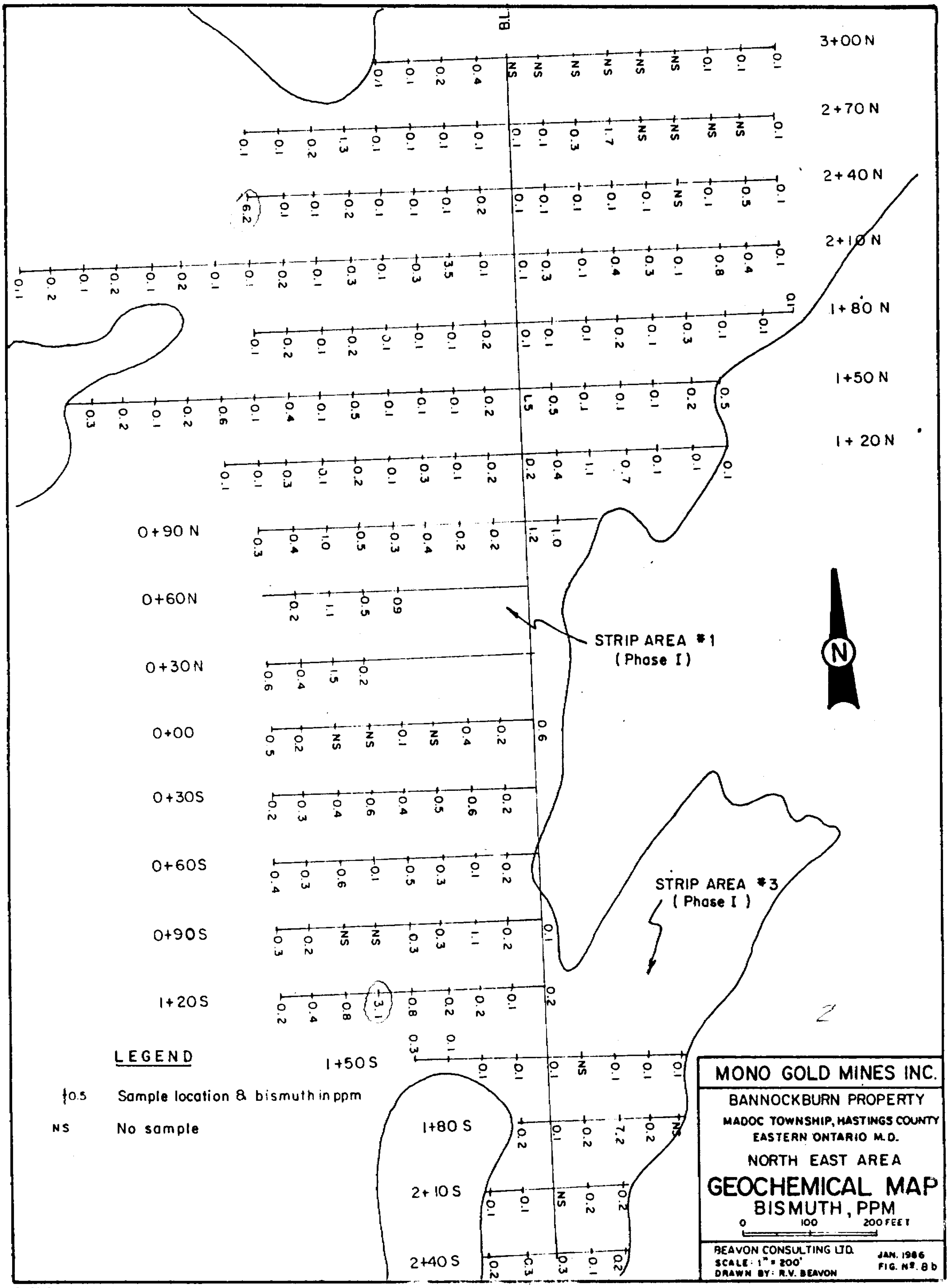
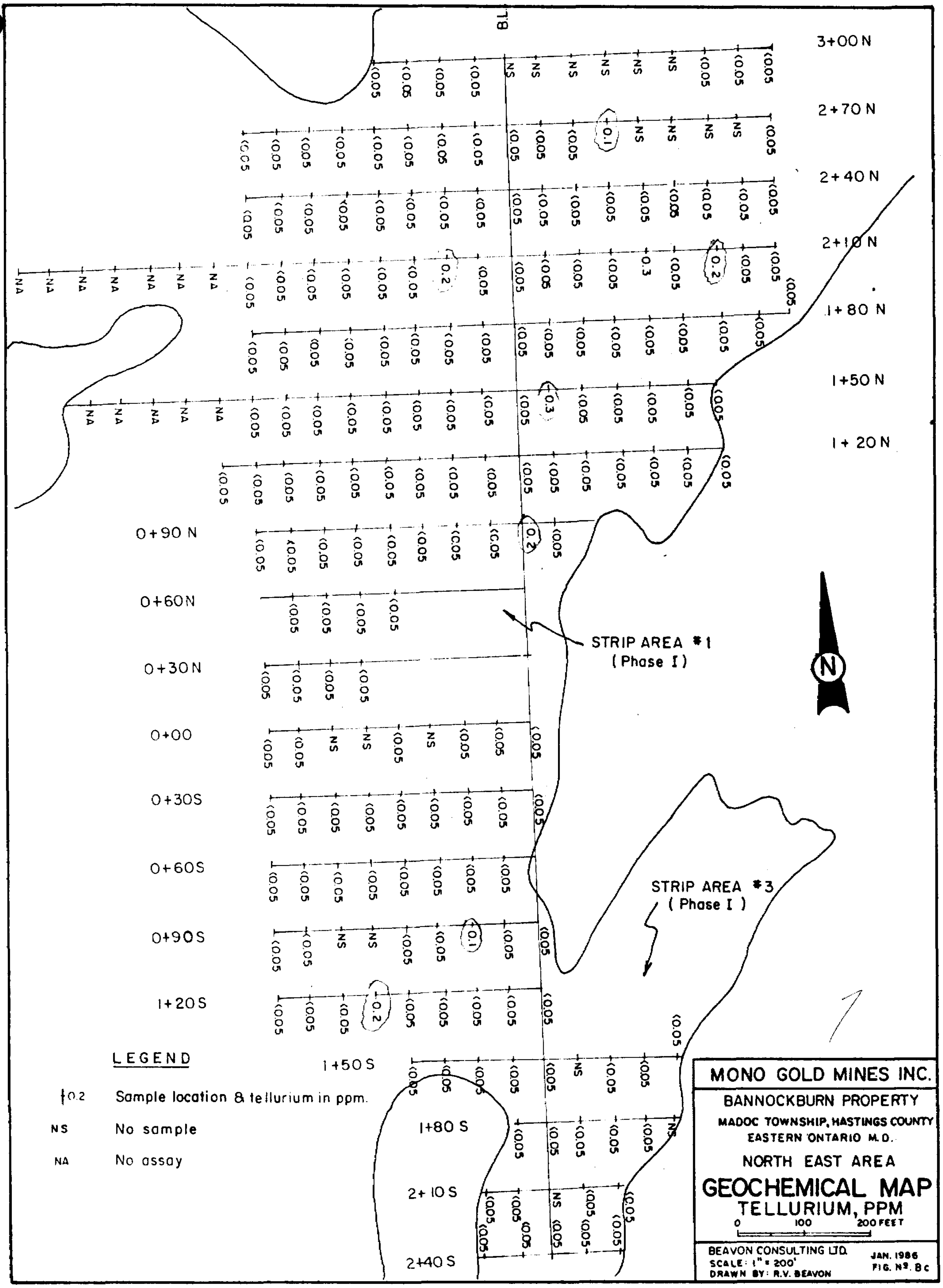
3+00 N
2+70 N
2+40 N
2+10 N
1+80 N
1+50 N
1+20 N
0+90 N
0+60N
0+30N
0+00
0+30S
0+60S
0+90S
1+20S
1+50S
1+80 S
2+10 S
2+40 S
STRIP AREA #1
( Phase I )
STRIP AREA #3
( Phase I )
N
LEGEND
475 Sample location & Nº.
NS No sample
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D.
NORTH EAST AREA
GEOCHEMICAL MAP
SAMPLE NUMBERS
0 100 200 FEET
BEAVON CONSULTING LTD.
SCALE: 1" = 200'
DRAWN BY: R.V. BEAVON
JAN. 1986
FIG. Nº. 8a


CHONG


BL
3+00 N
2+70 N
2+40 N
2+10 N
1+80 N
1+50 N
1+20 N
0+90 N
0+60N
0+30N
0+00
0+30S
0+60S
0+90S
1+20S
1+50S
1+80 S
2+10 S
2+40 S
STRIP AREA #1
( Phase I )
STRIP AREA #3
( Phase I )
N
LEGEND
0.5 Sample location & bismuth in ppm
NS No sample
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D.
NORTH EAST AREA
GEOCHEMICAL MAP
BISMUTH, PPM
0 100 200 FEET
BEAVON CONSULTING LTD.
SCALE: 1" = 200'
DRAWN BY: R.V. BEAVON
JAN. 1986
FIG. Nº 8 b
CHONG



BL
3+00 N
2+70 N
2+40 N
2+10 N
1+80 N
1+50 N
1+20 N
0+90 N
0+60N
0+30N
0+00
0+30S
0+60S
0+90S
1+20S
1+50 S
1+80 S
2+10 S
2+40 S
STRIP AREA #1
( Phase I )
STRIP AREA #3
( Phase I )
N
LEGEND
0.2 Sample location & tellurium in ppm.
NS No sample
NA No assay
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO M.D.
NORTH EAST AREA
GEOCHEMICAL MAP
TELLURIUM, PPM
0 100 200 FEET
BEAVON CONSULTING LTD.
SCALE: 1" = 200'
DRAWN BY: R.V. BEAVON
JAN. 1986
FIG. Nº. 8c


CHONG

LAKEFIELD RESEARCH
A DIVISION OF FALCONBRIDGE LIMITED

PHONE (705) 652-3341
TELEX NO. 06962842

November 25, 1985.

Mr. R. Beavan,
Colonial Inn Motel,
Madoc, Ontario
KOK 2KO

Dear Mr. Beavan:

The sample of drill core showing visible gold which you brought in on the 15th of November has been examined in pol-thin section. The unknown grey mineral visible in the sample has also been identified by x-ray powder diffraction as tellurbismuth, $Bi_2Te_3$. The following gives a brief description of PTS 219.

| Mineral | Est. % by Vol. |
|---|---|
| Quartz | 80-85 |
| Carbonate | 2-3 |
| Feldspar (Orthoclase) | < 1 |
| Muscovite | < 1 |
| Chlorite | Trace |
| Rutile | 1 |
| Pyrrhotite | 8-10 |
| Marcasite/Pyrite | 1 |
| Chalcopyrite | Trace |
| Tellurbismuth, $Bi_2Te_3$ | Trace |
| Native Gold | Trace |

The host rock is a recrystallized quartzite which contains areas of coarse recrystallized mosaic quartz, relict bands of argillaceous quartzite, disseminated and coarse sulphides. Carbonate occurs as scattered intergranular grains and rutile is prevalent in blocky and irregular grains. The mineralization consists mainly of coarse pyrrhotite with occasional spheroidal grains of botryoidal marcasite/pyrite. Tellurbismuth and native gold normally occur together adjacent to the pyrrhotite and in some cases enclosed in it. The tellurbismuth contains exsolutions or intergrowths of a dark grey mineral which is too small for positive optical identification. Of the nearly 300 grains of native gold observed in PTS 219, most are enclosed in or attached to tellurbismuth; some (<10 %) are enclosed in pyrrhotite and the remainder (<25 %) occur in gangue. The grain size averages about 20 μm diameter with the largest grain measuring about 75 μm diameter.

Yours sincerely
LAKEFIELD RESEARCH

R. Buchan

R. Buchan, P. Eng.,
Head, Mineralogy.

RB:tmg

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North V[redacted]uver, B.C.
Canada [redacted]5
Phone (0[redacted]5-0681
Telex: 04-352667

BONDAR-CLEGG

**Geochemical Lab Report**

REPORT: 025-3510 ( COMPLETE )

REFERENCE INFO:

CLIENT: MONO GOLD MINES LTD.
PROJECT: NONE GIVEN

SUBMITTED BY: R. BEVAN
DATE PRINTED: 2-DEC-85

| ORDER | ELEMENT | NUMBER OF ANALYSES | LOWER DETECTION LIMIT | EXTRACTION | METHOD |
|---|---|---|---|---|---|
| 1 | Cu Copper | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 2 | Pb Lead | 1 | 5 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 3 | Zn Zinc | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 4 | Mo Molybdenum | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 5 | Co Cobalt | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 6 | Ni Nickel | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 7 | Cr Chromium | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 8 | Mn Manganese | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 9 | Cd Cadmium | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 10 | Ag Silver | 1 | 0.5 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 11 | Bi Bismuth | 1 | 2 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 12 | Fe Iron | 1 | 0.05 PCT | MULT ACID TOT DIG | D.C. Plasma |
| 13 | V Vanadium | 1 | 1 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 14 | As Arsenic | 1 | 5 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 15 | Te Tellurium | 1 | 10 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 16 | U Uranium | 1 | 10 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 17 | W Tungsten | 1 | 10 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 18 | Sb Antimony | 1 | 5 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 19 | Se Selenium | 1 | 5 PPM | MULT ACID TOT DIG | D.C. Plasma |
| 20 | Sn Tin | 1 | 10 PPM | MULT ACID TOT DIG | D.C. Plasma |

| SAMPLE TYPES | NUMBER | SIZE FRACTIONS | NUMBER | SAMPLE PREPARATIONS | NUMBER |
|---|---|---|---|---|---|
| P PREPARED PULP | 1 | 4 AS REC'D | 1 | AS RECEIVED, NO SP | 1 |

REPORT COPIES TO: C/O BEVAN CONSULTING

INVOICE TO: C/O BEVAN CONSULTING

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North ... uver, B.C
Canad... 2R5
Phone ...) 985-0681
Telex ... 52667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: [illegible]

PROJECT: NONE GIVEN

PAGE 1A

| SAMPLE NUMBER | ELEMENT UNITS | Cu PPM | Pb PPM | Zn PPM | Mo PPM | Co PPM | Ni PPM | Cr PPM | Mn PPM | Cd PPM | Ag PPM | Bi PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P4 [illegible] | | 95 | <5 | 80 | 15 | 30 | 25 | 140 | 650 | 2 | <0.5 | <2 |

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Va[illegible]ver, B.C.
Canada V[illegible]
Phone: (6[illegible]-0681
Telex: 04-35[illegible]67

BONDAR-CLEGG

# Geochemical Lab Report

REPORT: [illegible]

PROJECT: NONE GIVEN



| SAMPLE NUMBER | ELEMENT UNITS | V PPM | As PPM | Te PPM | U PPM | W PPM | Sb PPM | Se PPM | Sn PPM |
|---|---|---|---|---|---|---|---|---|---|
| P4 159[illegible] | | [illegible] | [illegible] | <10 | <10 | <10 | 5 | <5 | <10 |

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Va[illegible]er, B.C.
Canada V[illegible]
Phone: (6[illegible]0681
Telex: 04-352667

BONDAR-CLEGG

**Geochemical Lab Report**

REPORT: 125-3816 PROJECT: NONE GIVEN



| SAMPLE NUMBER | ELEMENT UNITS | Bi PPM | Te PPM |
|---|---|---|---|
| P4 15808 | | 4 | <0.2 |
| P4 15809 | | 2 | 0.2 |
| P4 15810 | | 3 | 0.4 |
| P4 15811 | | 1 | <0.2 |
| P4 15812 | | 1 | <0.2 |
| P4 15813 | | <1 | <0.2 |
| P4 15814 | | 68 | 11.0 |
| P4 15815 | | 2 | 1.5 |
| P4 15816 | | 1 | <0.2 |
| P4 15817 | | 1 | 0.2 |
| P4 15818 | | 1 | <0.2 |
| P4 15819 | | <1 | <0.2 |
| P4 15820 | | <1 | 0.4 |
| P4 15821 | | 78 | 2.5 |

# REPORT ON THE NORTHEAST AREA, BANNOCKBURN PROPERTY
# MADOC TOWNSHIP, ONTARIO

FOR

MONO GOLD MINES INC.

MARCH 20, 1986

Brian R. King, Geologist

Mono Gold Mines Inc., Bannockburn

31C12NE0036 63.4698 MADOC 040C

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INTRODUCTION

The Bannockburn gold property of Mono Gold Mines Inc., is located in the northern part of Madoc township, Hastings County in Eastern Ontario (Fig. 1). The Northeast Area of the property, as described in this report, is located approximately 0.6 miles north-northeast of the settlement of Bannockburn and contains a significant gold deposit, discovered in September 1984. This deposit has been partially outlined by more than 15,000 feet of diamond drilling from its discovery to February 1986.

This report describes the most recent drilling (1986) and summarizes the current interpretation of the deposit, including a provisional reserve estimate.


# MONO GOLD MINES INC.

# BANNOCKBURN PROPERTY

MADOC TOWNSHIP

EASTERN ONTARIO MINING DIVISION

## GENERAL LOCATION MAP

FIGURE 1

## SUMMARY

The first discovery of gold on the Canadian Shield (and Ontario) in 1866 lead to a short lived gold rush in Madoc and surrounding townships of Eastern Ontario. Several miles north of the original discovery, the Bannockburn Gold Mine was opened circa 1894, with a number of shallow workings including a 70 foot shaft. A small mill on the site recovered small amounts of gold from an unknown tonnage.

In 1981, Mono Gold Mines Inc. carried out a preliminary exploration program covering the mine area. The work completed included geolgical mapping, geophysical surveys, a limited amount of stripping and trenching, and a preliminary diamond drilling program involving 1725 feet in eleven shallow holes.

In early 1984, Mono Gold Mines Inc. extended coverage of the property to include what is now known as the Northeast Area. A program of Geophysical surveys, Geological mapping and prospecting lead to the discovery of a significant gold deposit.

The First Phase Exploration program of stripping and trenching was completed in late 1984, with preliminary diamond drilling of eight shallow holes completed in February 1985 (Phase Two). These programs confirmed the existence of a gold bearing quartz vein system returning some spectacular assay results over narrow widths.

Continued diamond driling from May 1985 to February 1986 brought the total aggregate footage drilled at the Northeast Area to 15,920 feet. This has partially outlined a gold deposit containing an estimated 113,720 tons @ 0.242 oz. Au per ton (combined Drill Indicated and Inferred) over a five foot minimum width. Gold occurs in at least ten epigenetic quartz veins or systems and has been partially explored to an average depth of less than 350 vertical feet and along a known strike length of 900 feet. This deposit should be considered open at depth and along strike.

A program of continued diamond drilling, surface exploration (to include Geological mapping and Geophysics), and review of existing drill data is recommended. This program should complete the Geolgical sections and interpretations in preparation for future underground exploration. The total cost of this program is estimated at $345,629 (Can).

## PROPERTY AND OWNERSHIP

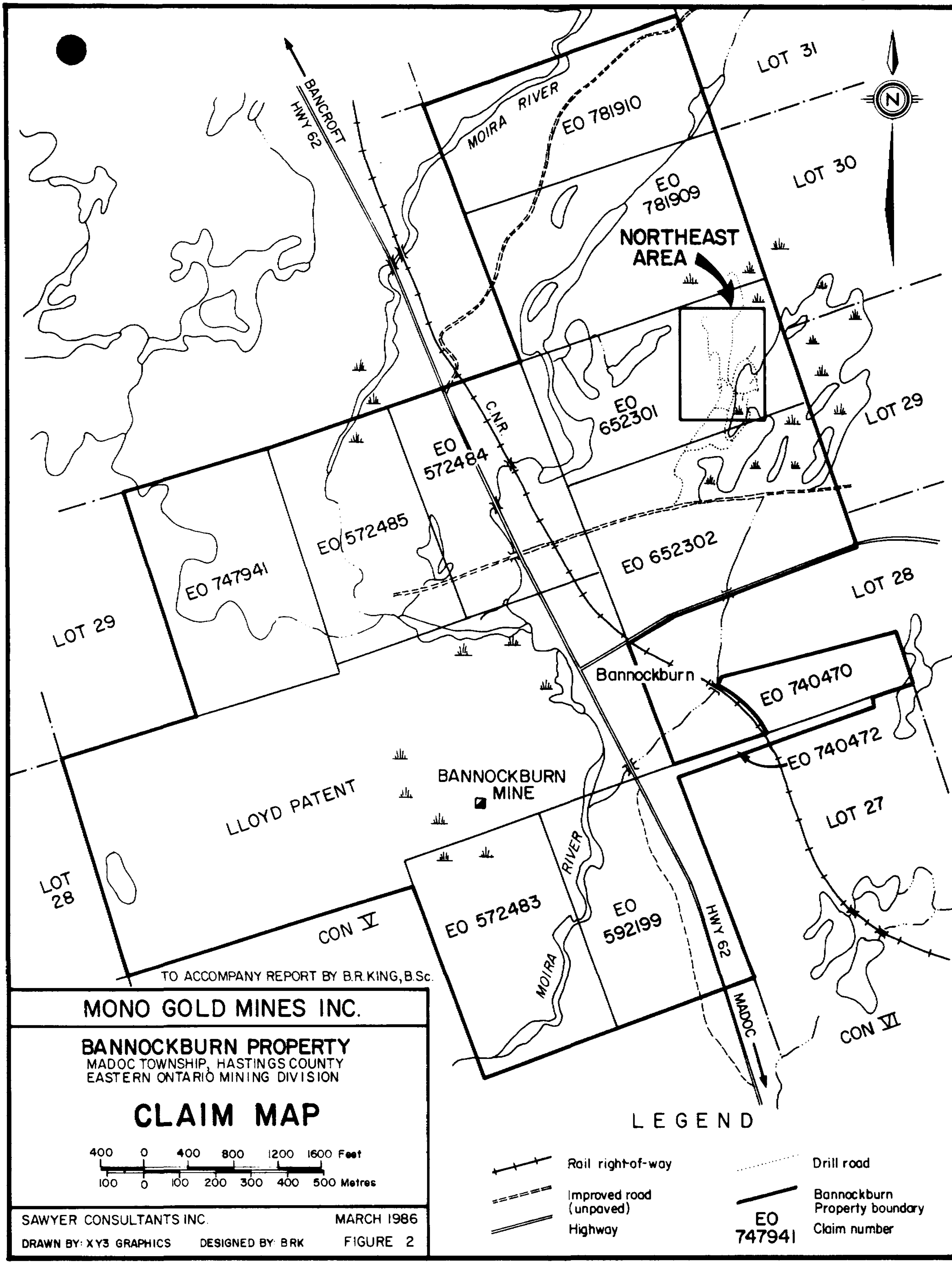
The Mono Gold Mines Inc. Bannockburn property consists of approximately 628 acres within Lots 27,28,29, and 30 of Concession V and VI of Madoc township in east-central Ontario. This report addresses a small portion of these holdings within lot 29-concession VI and is known as the "Northeast or Discovery Area", shown in figure 2.

The Northeast Area is within recorded claim # EO 652301 which is listed as "Patent,Surface Rights Only" on Ontario Claim Map M-120. This implies that the surface rights are privately held but mineral rights may be claimed. Through staking and ownership transfer, the mineral rights to this claim and adjacent claims has been acquired by Mono Gold Mines Inc. Table I indicates the property status of the entire Bannockburn holdings.

## LOCATION AND ACCESS

The Northeast Area is easily accessible from Hwy #62 linking the villages of Madoc and Bancroft, and connecting to Hwy #7 (Trans Canada Hwy). Access is by road and rail right of way, suitable for small truck under most conditions and directly links to Hwy #62. The Mono Gold Mines Inc. properties are approximately centred at the small settlement of Bannockburn, 16 km. north of Hwy #7.

National Topographic System (NTS) map 31C/12 shows the Bannockburn area at 1:50,000 scale. Recently published maps of the Ontario Basic Mapping Program also show the Bannockburn area at a scale of 1:10000 (OBM 10 18 2950 49450). The Bannockburn property is also shown on Ontario Mineral Potential map,P 1505 at a scale of 1:250,000, Ontario Dept. of Mines map NO. 157b, and Ontario Geological Survey map 2154.


N
BANCROFT
HWY 62
MOIRA RIVER
EO 781910
LOT 31
LOT 30
EO 781909
NORTHEAST AREA
EO 652301
LOT 29
C.N.R.
EO 572484
EO 572485
EO 747941
LOT 29
EO 652302
LOT 28
Bannockburn
EO 740470
EO 740472
BANNOCKBURN MINE
LLOYD PATENT
LOT 27
LOT 28
RIVER
EO 572483
EO 592199
HWY 62
CON V
MOIRA
MADOC
CON VI
TO ACCOMPANY REPORT BY B.R.KING, B.Sc.
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
CLAIM MAP
400 0 400 800 1200 1600 Feet
100 0 100 200 300 400 500 Metres
SAWYER CONSULTANTS INC.
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
FIGURE 2
LEGEND
Rail right-of-way
Improved road (unpaved)
Highway
Drill road
Bannockburn Property boundary
EO 747941
Claim number

## TABLE I

### Property Disposition and Claim Schedule**

| CLAIM | CONC. | LOT | ACRES | RECORDED | EXPIR. |
|---|---|---|---|---|---|
| Lloyd Patent | V | 28 | 140 | n/a | n/a |
| EO 572483 | V | W/4ofE/2'27 | 50 | May 14/80 | 1986+ |
| 572484* | V | E/4'29 | 50 | May 14/80 | 1986 |
| 572485* | V | W/4ofE/2'29 | 50 | May 14/80 | 1986 |
| 592199 | V | E/4'27 | 50 | Sept.20/82 | 1989+ |
| 747941 | V | E/4ofW/2'29 | 50 | May 16/85 | 1986+ |
| 652301* | VI | NW/4'29 | 50 | Feb.11/83 | 1988 |
| 652302* | VI | SW/4'29 | 50 | Feb.11/83 | 1988 |
| 781909 | VI | SW/4'30 | 50 | Feb.28/85 | 1986 |
| 781910 | VI | NW/4'30 | 50 | Feb.28/85 | 1986+ |
| 740470 | VI | partSW/4'28 | 30 | July 8/85 | 1986+ |
| 740472 | VI | partNW/4'27 | 8 | July 8/85 | 1986+ |

* permission granted for patent application survey

** after Table I, Beavon, (1986)

+ assessment reports completed/in preparation as of January'86

## HISTORY AND PREVIOUS WORK

The first discovery of gold on the Canadian Shield (and Ontario) at the Richardson farm of Eldorado in 1866, sparked a colourful yet short lived gold rush in the area. Although mining in the region was established as early as 1820 (at Marmora), it was not until the Eldorado find that extensive gold prospecting occurred in Madoc township. In the years that followed, numerous prospects were explored with several seeing limited production. However, none were commercially viable, in part due to the inferior extraction technology of the day.

At the Bannockburn Mine, four shallow shafts were sunk circa 1894 (OGS Mineral Deposits Circular #18) in addition to stripping and trenching. From one of the shafts, 17 feet of drifting was done, presumably along the "mine structure". A ten stamp mill was in operation at the site at this time. In 1897, one of the shafts was deepened to 75 feet, and another 35 foot shaft was put down.

Although records are incomplete, approximately 3.5 oz. of gold was produced from an unknown tonnage of "ore". Other accounts by local historians are somewhat more spectacular but cannot be substantiated. Today numerous pits, shafts and trenches can be seen ...attesting to turn of the century efforts.

In 1981, a program of surface exploration and diamond drilling was carried out by Sawyer Consultants Inc. of Vancouver. This program consisted of establishing a cut line grid to cover the mine area, VLF-EM and Magnetometer surveys, Geological mapping, stripping, trenching and drilling. In addition, the main shaft was partially dewatered and the "mine structure" sampled.

In early 1984, cut line grid coverage was extended to the remainder of the Bannockburn property and Geophysical survey coverage was completed. In September 1984, reconnaissance Geological mapping was completed to evaluate a number of Geophysical anomalies. This involved some sampling of sulphide rich zones and exposed quartz veins. Several areas of interest in the Northeast part of the property were outlined and recommendations were made for a trenching and sampling program to test the newly discovered gold bearing quartz veins.

By late November 1984, the first phase exploration program of trenching and stripping had confirmed the presence of significant gold mineralization within the exposed quartz veins. In February of 1985, 2027 feet of diamond drilling had been completed in eight holes (phase two). This drilling, confirmed the presence of a gold bearing vein system at shallow depths along a strike length of approximately 150 feet.

A third phase exploration program was partially completed by May

1985, but was temporarily suspended to allow for geological mapping and the establishment of a detailed drilling grid during June 1985. The third phase program resumed on June 29 and was completed by July 1985. This program outlined significant gold bearing quartz veining over a strike length of more than 500 feet. Much of this length could support a 5 foot mining width across several sub parallel veins. Third phase exploration tested the system to a vertical depth of only approximately 240 feet in 20 holes for a total drilled footage of 5258 ft.

Phase three drilling from August 29 to September 27, 1985 increased the total drilled footage to 9728 ft and formed the basis for a preliminary reserve estimation which included four or more gold bearing quartz vein structures. An inferred estimate of approximately 98,750 tons grading 0.34 oz. per ton was calculated based upon the aggregate strike length and aggregate dip length of the mineralized veins. Information upon which these early calculations were based was limited and several interpretations of the vein structure seemed probable due to difficulties in projecting narrow drill intersections.

In September 1985, a Geochemical soils survey of the entire Bannockburn property commenced. This project was completed in December 1985 the results indicating some success in identifying "indicator" or possible "pathfinder" trace elements in soils associated with known gold mineralization. Work in this respect is in progress and will be discussed under separate cover in reports dealing with specific areas of the Bannockburn property. A number of Geochemical anomalies were however identified both within the Northeast Area and elsewhere on the property. This Geochemical survey constituted phase four exploration.

From November 20 to December 8, 1985, phase five exploration was undertaken and included an additional four diamond drill holes which increased the aggregate footage drilled to 12,229 ft.

## CURRENT STUDY

In January 1986, the author continued diamond drilling (phase six?) to test in detail the interpretation of vein system continuity near the original discovery area and at depth. A portion of this latter drilling was completed from a "land bridge" crossing part of a flooded area immediately east of the discovery trench.

From January 9 to February 4, 1986 a total of 3691 feet of diamond drilling was completed bringing the total aggregate footage drilled to 15,920 ft. This drilling comprised DDH 86-1 through to 86-11 plus a 200 ft. extension of DDH 85-27.

DDH's 86-1 to 8 intersected the predicted mineralized zones, confirming the grades while providing new vein geometry data. Drilling from the flooded area (86-9,10,11) intersected strong quartz veining and alteration but did not return economic assays.

With this total footage, a provisional reinterpretation and new reserve estimate was calculated to reflect a better understanding of the vein geometry. A total reserve of 113,720 tons @ 0.242 oz. per ton Au consisting of 59,820 tons @ 0.279 oz. per ton Drill Indicated and 53,900 tons @ 0.200 oz. per ton Inferred.

Although the new reserve estimate is lower in overall grade, it is considered conservative and of greater confidence as a significant tonnage is now within the Drill Indicated category. The reinterpretation has also lead to the identification of several promising new deep drilling targets which were previously unknown or not understood.

All core from the current program was logged, with mineralized and other significant intervals split. Samples for assay were sent to Chemex Ltd. of Brampton Ontario for sample preparation then forwarded to the Chemex lab in Vancouver B.C. All samples were "screened" for coarse metallic mineralization. Assay results of all current holes (86-1 to 86-11, 86-27E) are listed in Appendix V.

The current study has also involved minor suface work which has provided important elevation corrections for diamond drill hole locations. This work is at present incomplete.

## REGIONAL GEOLOGY

### Introduction:

Madoc township and surrounding areas are well known for their Geology, containing good exposures of Precambrian greenstones, metasediments, intrusives and unconformably overlying (relatively undisturbed) Phanerozoic sediments. Several major structures are obvious and the area has a rich history of mineral production.The Geology of Madoc township is described by Hewitt (1968).

### Major Features:

The oldest rocks in the region (other than possible basement metatexite) are mafic metavolcanics of the Tudor Formation. These rocks occupy the base of the Hermon Group consisting of supracrustal clastic to carbonate metasediments and greenstones. The bulk of the Tudor Fm. metavolcanics are apparently tholeiitic basalt although some calc-alkaline/intermediate analyses have been reported.

A second sequence of metavolcanic rocks ("Madoc Volcanics") presumably overlying the Tudor Fm. is exposed in southern Madoc township. These rocks range from andesite to rhyolite and exhibit primary volcanic textures. Near Queensborough, the rhyolites and associated rocks indicate a possible volcanic centre.

Overlying, and in some cases intercalated with the volcanics are the Hermon Group metasediments. In the Madoc region, these rocks are primarily impure marbles with some semi-pelitic and psammitic schists. Other sedimentary rocks include slates, and several bands of metaconglomerate, the latter generally occurring in association with the volcano-sedimentary contact where present.

The major intrusive bodies of interest in the area are the Deloro Granite and the Gawley Creek Syenite. The Deloro Granite is a pink, medium crystalline granitic stock which occupies several square miles of southwest Madoc township and is associated with the Deloro gold occurrences in neighbouring Marmora township. The Gawley Creek Syenite body is located in the northwest quadrant of Madoc township and also extends into Marmora township. Generally, this intrusive is a medium to coarse crystalline biotite/hornblende syenite and includes a variety of granitic to dioritic differentiates. Other than at Bannockburn, the Gawley Creek Syenite is not known to be associated with major economic mineralization.

At least two major folds are present in the Madoc area. These are the Queensborough and Madoc synforms. The Queensborough structure has a northwest trending axis whereas the Madoc synform has a northeasterly trace, similar to most Grenville structures. The Bannockburn area contains numerous minor structures which are apparently related to a significiant antiformal feature which also has a northeast trend. This feature is currently being investigated and is discussed in more detail below.

Not unlike other Canadian greenstone areas, the Madoc region is crossed by numerous faults and shear zones. A general NE-SW trend for many lineaments is present, and generally parallels major lithological and structural boundaries within the Grenville.

Age determinations indicate that these rocks were last deformed approximately 1,000 million years ago during the "Grenville Orogeny". This metamorphic event has resulted in highly deformed rocks of middle greenschist to lower amphibolite facies in the Madoc township area. On a broad scale, metamorphic grade tends to increase from west to east with granitoid gneisses and "granulites" being present several townships east of Madoc.

# PROPERTY GEOLOGY

## Introduction:

The Northeast or Discovery Area contains essentially three principal rock types. These are the mafic to intermediate metavolcanics, semi-pelitic sulphide bearing metasediments, and minor intrusive rocks, all having their altered counterparts. Paleozoic rocks have not been mapped to date on the property and have presumably been removed by glacial erosion which has resulted in only minor surficial deposits. For the most part, bedrock is well exposed with drift thicknesses of only several feet. Overburden carrying abundant locally derived material is common, and is helpful in Geological mapping and Geochemical surveys where exposures are lacking.

## Metasedimentary Rocks:

### Rusty Schist;

Much of the Northeast Area consists of roughly banded, fine-medium grained, sericitic and siliceous semi-pelitic metasediments. These rocks, locally known as "Rusty Schists", are likely derivatives of the weathering of the underlying Tudor Volcanics. They have a relatively high sulphide content (primarily pyrite with minor pyrrhotite and traces of base metal sulphides) which appears syngenetic, although significant remobilization has occurred within the volcano-sedimentary contact zone. This unit may be loosely analagous to sulphide facies iron formation near the contact. The Rusty Schists are strongly deformed, often silicified and carbonatized, especially near the gold bearing zones.

Extensive deposits of Rusty Schist are found in Madoc township having similar features in conjunction with the Tudor volcanic contact.

### Garnet Schist;

A discontinuous band of garnetiferous, chlorite-biotite schist is found within the volcanic-sedimentary contact zone. This unit may range up to 70 ft. in thickness but is strongly deformed and thickness probably fold controlled. In part, this unit is sericitic and may be strongly carbonatized. Greater than 40% garnet content is not uncommon. Although occurring in association with the Rusty Schists at the volcano-sedimentary contact zone, these garnet schists are not necessarily sulphide enriched, although large blebs of pyrrhotite and pyrite have been noted.

The origin of this unit is unclear. In DDH 86-5, this unit strongly resembles an altered shear zone, having mylonitic bands and possible complexly deformed breccia fragments. In other intersections, this unit does not appear to have a structural origin, and may be a metamorphosed, altered tuff or tuffaceous sediment, possibly with a chemical sedimentary component.

Quartz-Sericite Schist;

Also along the volcano-sedimentary contact, especially in the vicinity of the "discovery trench", are the Quartz-Sericite Schists. These are apparently discontinuous lenses whose thickness are fold controlled. Unfortunately, as these rocks are at present only found at one location, little is known of their relationship to surrounding units.

Quartz-Sericite Schists are commonly associated with volcanic-sediment transitions within volcanogenic massive sulphide deposits where they are considered altered or metamorphosed exhalative cherts or rhyolites. Their presence along the main contact at the Northeast Area may in fact be of similar origin...as cherty exhalatives. Planned future work may help to solve this mystery.

Metavolcanic Rocks:

Mafic Volcanics;

The most important rock types in the "Northeast Area" are the metavolcanics of the Tudor Formation. These rocks are generally mafic to intermediate, massive greenstones. They are moderately foliated, chloritic and exhibit several alteration types.

Distinguishing between individual flow or tuffaceous units within the metavolcanics is difficult if not impossible without sophisticated techniques. There are however a number of features which may be of use in separating similar subunits. This includes the presence of cherty beds at probable flow contacts, magnetite content (magnetic susceptibility measurements useful!), presence of possible amygdaloidal flows and sharp textural changes such as increased foliation/alteration. At the present time, a stratigraphy of the volcanic subunits has not been derived, but is planned in future work.

Felsite;

Several diamond drill holes in the northern part of the area encountered siliceous, massive to foliated rock of unclear origin which has in the past been labeled "felsite" or "rhyolite intrusive". Current work indicates that these felsites may in fact be crosscutting features related to the quartz vein system and are actually silicified zones. Supporting evidence includes ghost textures continuous with adjacent mafic metavolcanics, and gradational transitions into partially altered volcanics. Both sharp and diffuse contacts between the mafic units and the "felsites" are observed, and to date, no primary flow or intrusive textures have been noted by the author within these siliceous rocks. Future work including whole rock geochemical analyses and thin section petrography will assist these interpretations.

Intrusive Rocks

Within the Northeast Area, intrusive rocks are the least important by volume. Generally, intrusives are narrow, mafic to intermediate sills or dikes. These are often difficult to identify but are recognized by uniform composition, possible chill contacts and strong penetrative cleavage or foliation development. The mafic sills are apparently very susceptible to carbonate alteration and often stand out from wall rocks on this basis.

Compositionally, these mafic intrusives are likely dioritic, and may have originated as mafic differentiates of the Gawley Creek Syenite body immediately west of the study area (also within the Bannockburn property). Similar intrusives have been encountered in diamond drilling within and near this body.

Structural Geology:

Within the Northeast Area, folding and structural breaks are common, being primarily related to polyphase Grenville deformation.

The Northeast Area is dominated by a northeast trending antiformal structure with fold closure in the immediate gold mineralized area. The S plunging fold is well expressed along the volcano-sedimentary contact zone where ductility contrasts between the Tudor Fm. and the Rusty Schists (and associated rocks) cause pronounced quasi-flexural folding.

The presence of this fold has resulted in the development of a strong, near vertical axial planar cleavage with associated axial shearing.Numerous parasitic folds have been noted, although much of the folding is complex and polyphase. This is especially noticeable in the Rusty Schists where refolded folds are obvious throughout the entire Bannockburn property. Within the metavolcanics, folding is virtually invisible due to the lack of marker horizons. These mafic rocks have however undergone a more brittle deformation style being of lower ductility. Brecciation and minor faultng (minor displacements) are fairly common within the volcanics, and large blocks have in some cases not been strongly deformed.

Faulting in the Northeast Area is dominated by the axial planar fabric of the antiform. Although a number of faults have been encountered in diamond drilling, these have not resulted in proven structural dislocation. An inferred fault which occurs

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APPENDIX I

PROPOSED BUDGET FOR NORTHEAST AREA EXPLORATION MARCH 1986

| | |
|---|---|
| Diamond Drilling 15,000 ft. @ $14.00 per foot | $210,000 |
| Mob & Demob | 2,000 |
| Bulldozer, site prep/road construction, | |
| 4 hrs x 38 set ups x $60/hr | 9,120 |
| extras (drill repositioning) | 1,000 |
| Geological Supervision, 112 days x 2 Geologists @ $200/day | 44,800 |
| Surface Mapping, (included in Geol. Supervision) | |
| Accomodation & Food, 112 days x 2 Geologist @ $50/day | 11,200 |
| Transportation, 112 day program @ $100/day | 11,200 |
| Assaying, 750 samples @ $11.25/sample | 8,438 |
| shipping | 450 |
| Geophysical Survey | 3,500 |
| Engineering and Supervision | 8,000 |
| Office Expense ( includes telephone) | 1,500 |
| Report Preparation | 3,000 |
| Contingency (10% of above) | 31,421 |
| Total............... | $345,629 |

APPENDIX II SUMMARY OF RESERVE CALCULATIONS

The following is a summary of calculations for each of the vein systems shown on the accompanying Geological map. Not all veins or vein systems contain continuous economic mineralization but are shown as these represent potential exploration targets. All zones have a minimum five foot width.

All calculations follow the same format:

(5.0 x Dip length x 0.75 x strike factor) / 12 = tons

where: 5.0 is the minimum 5 foot width;
: Dip length is the measured length of the economic zone in cross section.
:0.75 is the correction for off section exaggeration due to the angle between the strike of the veins and the arbitrary reference line.
:Strike Factor is the region of influence of the Geological cross-section. Note that this is not constant as the cross sections are not evenly spaced.
:12.0 is the tonnage factor...accepted average cubic feet per ton of low sulphide content, silicate rocks.

---

Vein System I

Minor quartz veining only---no economic values reported

Vein System II

Drill Indicated:

| | | | |
|---|---|---|---|
| Section K..... | (5 x 87 x 0.75 x 55) / 12 | | =1495 |
| | Average Sectional Grade | | 0.131 oz. Au per ton |
| Section M...... | 300 | 50 | =4688 |
| | | | 0.112 |
| | Total Drill Indicated | | 6183 tons @ 0.117 oz/ton |
| Inferred: | Total Inferred | | 12,650 tons @ 0.120 oz/ton |
| | TOTAL | | 18,833 TONS @ 0.119 oz/ton |

## Vein System III

Drill Indicated:

| | | | | | |
|---|---|---|---|---|---|
| Section L.... | (5.5 x 255 x 0.75 x 55) / 12 | | | =4823 tons | |
| | Average | Sectional | Grade | 0.129 oz. Au per ton | |
| Section N.... | 5 | 135 | 55 | =2320 | |
| | | | | 0.084 | |
| Section P.... | 5 | 120 | 60 | =2250 | |
| | | | | 0.327 | |
| Section Q.... | 5 | 135 | 65 | =2742 | |
| | | | | 0.324 | |
| Section R.... | 5 | 95 | 60 | =1781 | |
| | | | | 3.702 (1.00 cut) | |

Total Drill Indicated..13,916 tons @ 0.303 oz/ton (cut)

Inferred: Total Inferred.......... 4550 tons @ 0.384 oz/ton (cut)

TOTAL 18,466 TONS @ 0.323 oz/ton (cut)

## Vein System IV

minor quartz veining--no economic values reported

## Vein System V

Drill Indicated:

| | | | | |
|---|---|---|---|---|
| Section M.... | (5 x 150 x 0.75 x 50) / 12 | | | = 2344 tons |
| | Average | Sectional | Grade | 0.434 oz. Au per ton |
| Section N.... | 5 | 100 | 55 | = 1719 |
| | | | | 0.364 |
| Section P.... | 5 | 160 | 60 | = 3000 |
| | | | | 0.364 |
| Section Q.... | 5 | 200 | 65 | = 4063 |
| | | | | 0.324 |

Total Drill Indicated 11,126 tons @ 0.364 oz/ton

Inferred: Total Inferred 10,700 tons @ 0.297 oz/ton

TOTAL 21,826 tons @ 0.331 oz/ton

## Vein System VI

```
Drill Indicated:
Section H.... (5 x 135 x 0.75 x 75) / 12 = 3164 tons
               Average Sectional Grade      0.067 oz. Au per ton
Section K....  5    100          80       = 2500
                                            0.207
Section N      5    100          55       = 1719
                                            0.140
Section P      5    360          60       = 6750
                                            0.186
               5    120          60       = 2250   >>>
                                            0.975  >>> Vein VIb
                                          --------
               Total Drill Indicated      16,383 tons @ 0.269 oz/ton

Inferred:      Total Inferred              5,500 tons @ 0.193 oz/ton

                          TOTAL           21,883 TONS @ 0.250 oz/ton
```

Vein System VII
---------------

```
Drill Indicated:
Section M.... (5 x 120 x 0.75 x 50) / 12 = 1875 tons
               Average Sectional Grade      0.262 oz. Au per ton
Section N....   marginal ?
Section P....       120          60       = 2250
                                           0.610 (.511 cut)
                                          ----------------
              Total Drill Indicated         4125 tons @ 0.452 oz/ton

Inferred:     Total Inferred                9500 tons @ 0.168 oz/ton

                       TOTAL              13,625 TONS @ 0.254 oz/ton
```

Vein System VIII
----------------

```
Drill Indicated:
Section L.... (5 x 110 x 0.75 x 55) / 12 = 1891 tons
               Average Sectional Grade      0.076 oz. Au per ton
                                           ---------
              Total Drill Indicated         1891 tons @ 0.076 oz/ton

Inferred:     Total Inferred                1000 tons @ 0.100 oz/ton

                        TOTAL               2891 TONS @ 0.084 oz/ton
```

Vein System IX
--------------

Drill Indicated:
Section K.... (5 x 330 x 0.75 x 60) / 12 = 6188 tons
Average Sectional Grade 0.209 oz. Au per ton

| | | |
|---|---|---|
| | Total Drill Indicated | 6188 tons @ 0.209 oz/ton |
| Inferred: | Total Inferred | 10000 tons @ 0.200 oz/ton |
| | TOTAL | 16,188 TONS @ 0.203 oz/ton |

APPENDIX III

DIAMOND DRILL HOLE DATA

| DDH | LATITUDE | DEPARTURE | INCL. | AZM. | DEPTH |
|---|---|---|---|---|---|
| 85-1 | 2200N | 3881E | -50 | 112 | 246 |
| 2 | 2200N | 3881E | -60 | 112 | 296 |
| 3 | 2260N | 3918E | -50 | 112 | 236 |
| 4 | 2260N | 3918E | -60 | 112 | 263 |
| 5 | 2304N | 3930E | -50 | 112 | 226 |
| 6 | 2304N | 3930E | -60 | 112 | 256 |
| 7 | 2150N | 3865E | -50 | 112 | 246 |
| 8 | 2150N | 3865E | -60 | 112 | 256 |
| 9 | 2211N | 4050E | -50 | 292 | 300 |
| 10 | 2124N | 4028E | -50 | 292 | 225 |
| 11 | 2124N | 4028E | -90 | - | 100 |
| 12 | 2104N | 3800E | -50 | 112 | 305 |
| 13 | 2035N | 3862E | -90 | - | 200 |
| 14 | 2015N | 4016E | -90 | - | 200 |
| 15 | 2324N | 4100E | -60 | 272 | 256 |
| 16 | 2324N | 4100E | -75 | 272 | 286 |
| 17 | 2409N | 4084E | -45 | 272 | 404 |
| 18 | 2587N | 4134E | -90 | - | 284 |
| 19 | 2785N | 4258E | -45 | 272 | 274 |
| 20 | 1900N | 4274E | -45 | 272 | 400 |
| 21 | 2510N | 4082E | -45 | 272 | 204 |
| 22 | 2510N | 4082E | -90 | - | 355 |
| 23 | 2305N | 4246E | -72 | 272 | 435 |
| 24 | 2305N | 4246E | -45 | 225 | 305 |
| 25 | 2390N | 4235E | -55 | 272 | 334 |
| 26 | 2600N | 4046E | -45 | 235 | 284 |
| 27 | 2600N | 4046E | -70 | 235 | 300 |
| | | | 85-27 DEEPENED TO | | 510 |
| 28 | 2690N | 4005E | -45 | 235 | 324 |
| 29 | 2690N | 4005E | -70 | 235 | 364 |
| 30 | 2785N | 3976E | -45 | 235 | 304 |
| 31 | 2785N | 3976E | -70 | 235 | 373 |
| 32 | 2882N | 3772E | -45 | 235 | 300 |
| 33 | 2390N | 3900E | -45 | 235 | 288 |
| 34 | 2390N | 3900E | -70 | 235 | 300 |
| 43 | 2692N | 4162E | -70 | 235 | 593 |
| 46 | 2587N | 4134E | -50 | 235 | 500 |
| 49 | 2530N | 4240E | -70 | 125 | 1000 |
| 50 | 2305N | 4246E | -47 | 190 | 408 |
| 86-1 | 2408N | 4006E | -47 | 235 | 164 |
| 2 | 2476N | 3918E | -45 | 235 | 260 |
| 3 | 2588N | 3918E | -45 | 235 | 160 |
| 4 | 2324N | 4162E | -45 | 235 | 300 |
| 5 | 2324N | 4162E | -60 | 235 | 500 |

| DDH | LATITUDE | DEPARTURE | INCL. | AZM. | DEPTH |
|---|---|---|---|---|---|
| 86-6 | 2448N | 4016E | -45 | 235 | 200 |
| 7 | 2448N | 4016E | -60 | 235 | 359 |
| 8 | 2474N | 3993E | -45 | 235 | 234 |
| 9 | 2147N | 4237E | -45 | 235 | 400 |
| 10 | 2157N | 4335E | -45 | 235 | 500 |
| 11 | 2074N | 4224E | -45 | 235 | 404 |

Note: 85-27 was deepened to 500 ft. Jan 14-15/86
: Collar locations subject to survey update in progress

APPENDIX IV

## COPIES OF ASSAY CERTIFICATES

near the centre of the detail-cut line grid may have several feet of displacement, breaking the volcano-sedimentary contact. Preliminary hi-resolution magnetometer test work appears to have registered this fault as a near vertical, low displacement and possibly mineralized (pyrite?) zone. Planned future work will include a detailed reinterpretation of all faulting and geophysical signatures of such features. Current indications are that the faulting may predate the quartz vein systems, thus their effect on mineralized horizons may be minimal.

A "flexure" or "flexural fault" which was earlier inferred near the original discovery zone is now under review. Unfortunately, surface exposures in this vicinity do not substantiate the presence of such a zone. In fact, there does not appear to be a significant lack of quartz vein continuity or fold related cross-structures, therefore this flexure may not exist. Some shift in quartz vein strike direction in outcrop near this area may be due to either fissure vein refraction (across volcano-sedimentary contact) or due to the normal "wandering" nature of narrow quartz veins (not apparent in diamond drilling).

Metamorphism:

All of the rocks of the Northeast Area have undergone Grenville aged deformation and metamorphism to lower-medium greenschist facies. This results in chloritic greenstones in place of mafic volcanic rocks and siliceous, semi-pelitic schists in place of the original muddy, epiclastic iron rich sediments. The presence of abundant garnet in the more pelitic rocks implies the higher temperature ranges of low grade metamorphism, and this is consistant with the occurrence of minor actinolite in greenstones and development of biotite in both volcanics and sediments.

Geophysics:

In August of 1981, a VLF-EM and magnetometer survey of the Bannockburn property was carried out on approximately 6.2 miles of cut line grid with line spacing of 200 feet. VLF-EM readings were taken at 50 foot station intervals and magnetic stations were at 25 foot intervals. This survey was designed to cover the Mono Gold Mines Inc. property to identify the known mineralized structure at the Bannockburn Mine and explore for new extensions or otherwise new targets.

This survey was extended to cover part of the Northeast Area in February and March 1984 (in addition to other newly acquired claims). The new survey located numerous anomalies, including several near the currently known gold mineralization. A recent reexamination of this survey data indicates that it is of limited value in terms of the detail required for exploration of a quartz vein system deposit. This is due to the biasing of survey data with respect to the Geology of the old Bannockburn Mine. In addition, the data density is not sufficient and does not cover the entire Northeast Area, thus detailed interpretations of the vein system and host rocks is not possible.

A two line test survey of hi-resolution magnetometer readings was conducted in February 1986. This test was to ascertain the usefulnes of this technique in identifying the presence of major contacts, faults and perhaps quartz veins or associated silicified zones. The results of this test survey were encouraging and future work is planned.

ECONOMIC GEOLOGY AND DISCUSSION

Unlike the Bannockburn Mine, the Northeast Area gold mineralization does not appear to occupy a major structural break or shear zone. Gold mineralization is limited to quartz-carbonate veins which apparently cross-cut deformed Grenville metavolcanics and metasediments.

Gold occurs as a native metal, in association with pyrite/pyrrhotite, minor base metal sulphides, and in gold-silver tellurides. Minor vein constituents include Fe-carbonates, Illmenite, and Bismuthinite. A limited number of observations suggest that the gold tenor is not proportional to sulphide content and may occur with or without carbonate in the quartz veins. Gold is however, often concentrated near the vein margins where coarse calcite is also noted. High gold value quartz veins generally contain visible native gold or strongly disseminated, blue tinted telluride mineralization. Several strongly mineralized vein intersections have yielded spectacular assays in the order of > 5.00 oz. Au per ton.

The Quartz-carbonate vein system is comprised of numerous generally parallel, north-northwest striking veins which cross-cut folded Grenville supracrustal rocks. The veins are typically narrow, from three feet to several inches in true thickness. Although veins may be very narrow, significant gold mineralization will yield assays capable of supporting a diluted five foot width in continuous zones.

The veins appear to contain "ore shoots" in which grades are elevated and form potentially mineable zones. Outside the shoots, assay values of a typical mineralized vein are within the range of 0.025 to 0.050 oz. per ton. This feature, if proven to be consistant, would be of great importance in following non-ore into zones of ore grade material. The pattern of "ore shoot" development is at present unclear, but appears to rake to the north. Planned future drilling should define these zones. Unfortunately, narrow veins and high nugget effect mineralization will require a large number of samples in order that statistically significant interpretations can be made.

The quartz vein systems of the Northeast Area consist of sheeted, chamber, and dilation veins which strike north-northwest and dip at 45 - 50 degrees east. Displacement along the veins has not been recognized, and is assumed insignificant. As fissure veins react differently to differing host rock types, the Northeast Area system may experience a change in morphology and trend upon crossing the volcano-sedimentary contact. Limited observations suggest that the veins within mafic metavolcanics are sharp walled, continuous and largely singular, whereas those within the Rusty Schist (etc.) may break up into sheeted or composite veins. The original shallow drilling of early 1985 intersected metasediment hosted, sheeted quartz veins of exceptionally high grade. These grades may reflect the effects of the main contact on gold deposition. Planned deeper drilling in this area will hopefully define any changes in veining or deposition. At present, a typical description of an "ore" grade, gold bearing quartz vein cannot be made. A planned review of all core drilled to date will hopefully establish criteria for distingishing the potential ore from barren quartz zones.

Other types of quartz veins include a variety of more granular, cherty quartz segregations which largely occur along flow contacts within the mafic metavolcanics. In drill core, these appear to be completely conformable, generally regular quartz and quartz-carbonate veins that often carry sulphide mineralization. Quartz veins of this type may carry elevated gold contents although rarely "ore" grades. The cross-cutting mineralized veins may intersect such horizons and be conformably displaced for some distance in which case gold may become dispersed. In drill core, veins having both a cross-cutting and conformable nature are noted. These are interpreted as cross-cutting veins which have either intersected conformable quartz or have been chambered by diffusion along cleavage or bedding planes.

Quartz and/or carbonate stringers are a common feature within metamorphic rocks, and probably represent synmetamorphic siliceous segregations which are of little economic interest. Such stringers are however related in many cases to the regional or local alteration associated with gold deposition processes.

The Northeast Area contains quartz vein systems both within and outside of intensely altered host rocks. The alteration types include pervasive carbonatization, silicification and minor potassic alteration. In several cases, quartz veins are bordered by intense but localized carbonatization for several feet. Elsewhere, the entire drilled section exhibits varying degrees of carbonate enrichment.

Carbonatization is present throughout the entire Bannockburn property, thus it is difficult to determine if regional processes or "ore" forming processes are responsible. Many major gold producing areas contain abundant carbonatized host rocks, these being considered by many workers an effect of metamorphic events which may lead to gold deposition. These processes include hydrothermal alteration in which $CO_2$ rich fluids carrying a variety of gold bearing complexes pass through the host rocks.

Planned whole rock geochemical sampling may define alteration types and be useful in exploring for similarily altered host rocks elsewhere on the property.

Zones earlier interpreted as "felsite" are now under review and may in fact prove to be strongly silicified metavolcanics. Evidence for this includes ghost structures which are continuous with the enclosing volcanics, cross-cutting relationships and diffuse, gradational contacts. Recent drilling has encountered significant gold values within cross-cutting quartz veins that appear to be the culmination of such silicification. This may however be coincidental.

A recent Geochemical (soils) survey of the entire Bannockburn property has been undertaken. This has outlined a number of anomalies throughout the property including the Northeast Area. The latter however, are generally not of fine enough resolution to be of value in the drilled area. These of course do have significant value in locating new drill targets which may extend the area of known mineralization.

PROVISIONAL RESERVE ESTIMATE

As part of the review of exploration data on the Northeast Area, a provisional reserve estimate was calculated to include the recent 1986 drilling and reinterpretation of existing data. The total reserve is 113,720 tons @ 0.242 oz. per ton over a minimum five foot width. This is based upon incomplete and shallow diamond drilling to an average depth of less than 350 vertical feet. The total reserve is comprised of 59,820 tons @ 0.279 oz. per ton Drill Indicated, and 53,900 tons @ 0.200 oz. per ton Inferred.

Drill Indicated reserves are defined as identified tonnage and grade based on specific measurments, samples and projection for a reasonable distance on the basis of Geological evidence. Inferred reserves are defined as quantitative estimates based on Geological character, few if any samples or measurements, and comparison to known parts of this or similar deposit.

It should be noted that the previous reserve estimate of 98,750 tons @ 0.340 oz Au per ton should be considered 100% Inferred only.

To derive the new, provisional reserve estimate, all data was transferred to a set of Geological cross sections. These are oriented at a right angle to an arbitrary reference line which crudely parallels the vein system (in part). This transfer involved the plotting of "off section" drilling information via extrapolation and interpolation. Zones of apparently continuous economic mineralization were correlated and measured with respect to their volume (correcting for off section width exaggerations). With an assumed tonnage factor of 12 cubic feet per ton, these mineralized (and diluted) volumes were converted to tonnages having the average grade of the section for the vein in question. Normal ore reserve calulations (especially in "measured" categories) use a system of weighted averages to derive the mean grade of a zone. In the case at hand, the sample density is not sufficient to apply this method and many of the assay values belong to off section drilling.

Appendix VII includes provisional reserve longitudinals for each of the important vein systems. A summary of the calulations for each vein is also given in Appendix II.

## RECOMMENDATIONS AND CONCLUSIONS

Current and ongoing review of exploration of the Northeast Area indicates that a sizeable gold deposit is present. This deposit is essentially open at depth and along strike, with current exploration having outlined 113,720 tons @ 0.242 oz. Au per ton combined Drill Indicated and Inferred tonnage. This tonnage is derived across a minimum five foot width to an average depth of less than 350 vertical feet and explored strike length of 900 feet.

Diamond drilling to date includes only 15,920 feet and is far from complete. Much of the existing drilling has been done "off section" and was based upon an incomplete understanding of the vein geometries. This is a nominal condition that often occurs in the early stages of an exploration program, especially when dealing with narrow, high grade vein deposits that have poor surface exposure.

Although drilling has been done along a strike length of approximately 900 feet, this does not imply that the potentially mineralized horizons have been adequately sampled. In fact, much of this drilling has been too shallow as evidenced by the recent extension of DDH 85-27 which encountered strong gold mineralization and had a positive effect on reserves. Virtually all sections require deepening and fill in drilling, especially to test the west side of the area, where similar, deeper intersections suggest new veins nearer surface. The 1986 drilling from the flooded area (beaver pond) intersected strong quartz veining, but with disappointing gold values. DDH 86-9 did however intersect a 0.076 oz Au per ton zone over 1.7 feet. This type of value is certainly anomalous, and may indicate economic mineralization elsewhere within this particular vein. Unfortunately, this vein is only intersected at this one point. A similar situation exists for other vein systems elsewhere on the property, thus it is obvious that further drilling is required to properly test these zones.

Geological mapping of the Northeast Area has been conducted but has not covered areas recently cleared. This mapping has defined to some extent the nature of the major fold structure, but has not concentrated on possible faults or the tracing of mineralized quartz veins on surface. Further Geological mapping may provide better information concerning the vein geometries and their relationship to host rocks and alteration where present. Planned Geophysical work and existing Geochemical anomalies will also benefit from more detailed Geological mapping.

At present, it is not considered advisable to persue an underground exploration program until such time as the Geological cross sections are fully completed, and a better understanding of ore shoot development and vein geometry is available. A number of significant drill targets are untested and may positively change the reserves, thus altering underground planning.

It is therefore recommended that the following work progam be completed in order to prepare a reserve and Geological report suitable for an underground exploration decision.

....1) A diamond drilling program of 15,000 feet should be undertaken to fill in, deepen and otherwise complete the currrent Geological cross sections. A portion of this footage (approx. 500 ft.) should be allocated for testing a single gold-in-soil geochemical anomaly in the southern part of the Northeast Area (at 1+20South/ 0+60West).

Appendix IX contains the current Geological cross sections with proposed diamond drilling shown. This drilling should be carried out on an interactive basis such that consistantly positive or negative results will allow for reallocation of footage to other areas.

....2) A high resolution Geophysical survey should be undertaken on the detail drilling grid. Such a survey should include closely spaced magnetometer readings, susceptibility measurments, and modelling of the data with respect to known geological features to produce an integrated model of the deposit.

....3) Continued Geological mapping of new exposures and extended coverage should be done with emphasis on locating faults, quartz vein outcroppings, sampling (especially old pits & trenches etc.), and locating alteration trends. Geological mapping and hydraulic stripping near the original discovery area will serve to define a "flexure fault" (if present) and its effect on mineralization.

....4) A reexamination of all existing drill core (now stored and accessible) should be undertaken in order to check for zones which have not been properly sampled, to identify alteration trends, and to provide background magnetic susceptibility data. This work should be completed concurrently with core logging of the planned drilling, and facilities are available at the core storage location for this work at no charge.

....5) A small number of whole rock geochemical samples should be analysed in order to properly identify the wall rocks, and identify possible alteration trends. This should be augmented with several petrographic thin sections to aid identification of mineral assemblages present.

Appendix I contains a proposed budget for this program.

Respectfully submitted....

Brian R. King (HBSc)
Geologist

# CERTIFICATE OF QUALIFICATION

I, Brian R. King, of Bridgenorth, Ontario

DO HEREBY CERTIFY THAT

1.....I am a degree holding Geologist, a graduate of Brock University, St. Catharines, Ontario, with B.Sc. Honours in Geology.

2.....I have practised my profession as a Geologist since 1979 in the fields of Mineral Exploration and Mining Geology in Canada.

3.....I am a member of the Canadian Institute of Mining and Metallurgy, Association of Prospectors and Developers, and the Mineral Association of Canada.

4.... That the information, opinions and recommendations in this report are based on personal observations made at the Bannockburn propety, core storage facilities (Eldorado and Tweed, Ontario), and discussions with qualified persons who are familiar with the property and its history, during the period October 1985 to March 1986.

5.....That I have no direct or indirect interest in any of the subject properties of this report, nor in the shares or securities of Mono Gold Mines Inc., or associated companies, nor do I expect to receive such interest.

B. R. King

B. R. King, hB.Sc

Dated at Bridgenorth, Ontario, this 18th day of March, 1986.

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TO : MONO GOLD MINES INC.

709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

ATTN: D. IRWIN, CC: SAWYER CONSULTANTS

CERT. # : A8610294-001-A
INVOICE # : I8610294
DATE : 27-JAN-86
P.O. # : NONE
MADOC

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75001 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75002 | 207 | 0.012 | -- | -- | -- | -- | -- |
| 75003 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75004 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75005 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75006 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75007 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75008 | 207 | 2.554 | -- | -- | -- | -- | -- |
| 75009 | 207 | 1.938 | -- | -- | -- | -- | -- |
| 75010 | 207 | 0.096 | -- | -- | -- | -- | -- |
| 75011 | 207 | 0.010 | -- | -- | -- | -- | -- |
| 75012 | 207 | 0.220 | -- | -- | -- | -- | -- |
| 75013 | 207 | 0.014 | -- | -- | -- | -- | -- |

VOI rev. 4/85

W. [signature]

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VANCOUVER, B.C.
V6C 1B6

ATTN: D. IRWIN, CC: SAWYER CONS.

CERT. # : A8610296-001-A
INVOICE # : I8610296
DATE : 27-JAN-86
P.O. # : NONE
MADOC

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 75014 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75015 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75016 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75017 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75018 | 207 | 0.082 | -- | -- | -- | -- | -- |
| 75019 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75020 | 207 | 0.002 | -- | -- | -- | -- | -- |

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V6C 1B6

ATTN: MR. IRWIN, CC: SAWYER CONSULTANTS

CERT. # : A8610297-001-A
INVOICE # : I8610297
DATE : 27-JAN-86
P.O. # : NONE
MADOC

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75021 | 207 | 0.016 | -- | -- | -- | -- | -- |
| 75022 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75023 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75024 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75025 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75026 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75027 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75028 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75029 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75030 | 207 | 1.638 | -- | -- | -- | -- | -- |

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Telex: 043-52597

CERTIFICATE OF ASSAY

TO : MONO GOLD MINES INC.

709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

SAWYER CONSULTANTS
1201- 675 W. HASTINGS
VANCOUVER, BC
V6B 1N2

CERT. # : A8610310-001-A
INVOICE # : I8610310
DATE : 27-JAN-86
P.O. # : NONE
MADOC

ATTN: MR IRWIN

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75031 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75032 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75033 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75034 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75035 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75036 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75037 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75038 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75039 | 207 | 3.208 | -- | -- | -- | -- | -- |
| 75040 | 207 | 0.022 | -- | -- | -- | -- | -- |
| 75041 | 207 | 0.006 | -- | -- | -- | -- | -- |
| 75042 | 207 | 0.200 | -- | -- | -- | -- | -- |
| 75043 | 207 | 0.208 | -- | -- | -- | -- | -- |
| 75044 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75045 | 207 | 0.006 | -- | -- | -- | -- | -- |
| 75046 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75047 | 207 | 0.102 | -- | -- | -- | -- | -- |
| 75048 | 207 | 0.008 | -- | -- | -- | -- | -- |

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## CERTIFICATE OF ASSAY

TO : MOND GOLD MINES INC.
709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

1201-675 W. HASTINGS
VANCOUVER, BC.

CERT. # : A8610383-001-A
INVOICE # : I8610383
DATE : 3-FEB-86
P.O. # : NONE
MADOC

ATTN: B. IRWIN CC: SAWYER CONSULTANTS INC.

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75049 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75050 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75051 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75052 | 207 | 0.078 | -- | -- | -- | -- | -- |
| 75053 | 207 | 0.376 | -- | -- | -- | -- | -- |
| 75054 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75055 | 207 | 3.716 | -- | -- | -- | -- | -- |
| 75056 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75057 | 207 | 0.094 | -- | -- | -- | -- | -- |
| 75058 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75059 | 207 | 0.018 | -- | -- | -- | -- | -- |
| 75060 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75061 | 207 | 0.010 | -- | -- | -- | -- | -- |
| 75062 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75063 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75064 | 207 | 0.056 | -- | -- | -- | -- | -- |
| 75065 | 207 | 0.300 | -- | -- | -- | -- | -- |
| 75066 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75067 | 207 | 0.002 | -- | -- | -- | -- | -- |

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709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

501-675 W Hastings
Van BC
V6B 1N2

CERT. # : A8610457-001-A
INVOICE # : I8610457
DATE : 31-JAN-86
P.O. # : NONE
MADOC

ATTN: MR. IRWIN CC: SAWYER CONSULTANTS

| Sample description | Prep code | Au oz/T RUSH FA | | | | | |
|---|---|---|---|---|---|---|---|
| 75068 | 236 | 0.012 | -- | -- | -- | -- | -- |
| 75069 | 236 | 0.158 | -- | -- | -- | -- | -- |
| 75070 | 236 | 0.424 | -- | -- | -- | -- | -- |
| 75071 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75072 | 236 | 0.024 | -- | -- | -- | -- | -- |
| 75073 | 236 | 0.352 | -- | -- | -- | -- | -- |
| 75074 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75075 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75076 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75077 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75078 | 236 | <0.002 | -- | -- | -- | -- | -- |
| 75079 | 236 | 0.114 | -- | -- | -- | -- | -- |
| 75080 | 236 | 0.336 | -- | -- | -- | -- | -- |
| 75081 | 236 | 0.110 | -- | -- | -- | -- | -- |
| 75082 | 236 | 0.040 | -- | -- | -- | -- | -- |
| 75083 | 236 | 0.034 | -- | -- | -- | -- | -- |

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709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

CERT. # : A8610634-001-A
INVOICE # : 18610634
DATE : 13-FEB-86
P.O. # : NONE

ATTN: B. IRWIN ✓CC: SAWYER CONSULTANTS INC.

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75084 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75085 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75086 | 207 | 0.072 | -- | -- | -- | -- | -- |
| 75087 | 207 | 0.036 | -- | -- | -- | -- | -- |
| 75088 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75089 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75090 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75091 | 207 | 1.310 | -- | -- | -- | -- | -- |
| 75092 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75093 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75094 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75095 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75096 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75097 | 207 | 0.032 | -- | -- | -- | -- | -- |
| 75098 | 207 | 0.950 | -- | -- | -- | -- | -- |
| 75099 | 207 | 0.012 | -- | -- | -- | -- | -- |
| 75100 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 75101 | 207 | 0.046 | -- | -- | -- | -- | -- |
| 75102 | 207 | 0.010 | -- | -- | -- | -- | -- |
| 75103 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75104 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75105 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75106 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75107 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75108 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75109 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75110 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75111 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75112 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75113 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75114 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75115 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75116 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75117 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75118 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75119 | 207 | 0.076 | -- | -- | -- | -- | -- |
| 75120 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75121 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75122 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75123 | 207 | <0.002 | -- | -- | -- | -- | -- |

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V6C 1B6

CERT. # : A8610634-002-A
INVOICE # : I8610634
DATE : 13-FEB-86
P.O. # : NONE

ATTN: B. IRWIN CC: SAWYER CONSULTANTS INC.

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75124 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75125 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75126 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75127 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75128 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75129 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75130 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75131 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75132 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75133 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75134 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75135 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75136 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75137 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75138 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75139 | 207 | 0.012 | -- | -- | -- | -- | -- |
| 75140 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75141 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75142 | 207 | 0.002 | -- | -- | -- | -- | -- |
| 75143 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75144 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75145 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75146 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75147 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75148 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75149 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75150 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75151 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75152 | 207 | 0.012 | -- | -- | -- | -- | -- |
| 75153 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 75154 | 207 | 0.016 | -- | -- | -- | -- | -- |
| 75155 | 207 | 0.004 | -- | -- | -- | -- | -- |
| 75156 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 75157 | 207 | <0.002 | -- | -- | -- | -- | -- |

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TO : MONO GOLD MINES INC.

709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

SAWYER CONSULTANTS
1770-601 W. HASTINGS
VANCOUVER, BC
V6B 5A6

CERT. # : A8610747-001-A
INVOICE # : I8610747
DATE : 18-FEB-86
P.O. # : NONE

ATTN: B. IRWIN, ✓CC: SAWYER CONSULTANTS

| Sample description | Prep code | Ag FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 75129 | 214 | 0.13 | -- | -- | -- | -- | -- |
| 75130 | 214 | 0.01 | -- | -- | -- | -- | -- |
| 75131 | 214 | 0.01 | -- | -- | -- | -- | -- |
| 75138 | 214 | 1.24 | -- | -- | -- | -- | -- |
| 75150 | 214 | 0.05 | -- | -- | -- | -- | -- |
| 75151 | 214 | 0.45 | -- | -- | -- | -- | -- |

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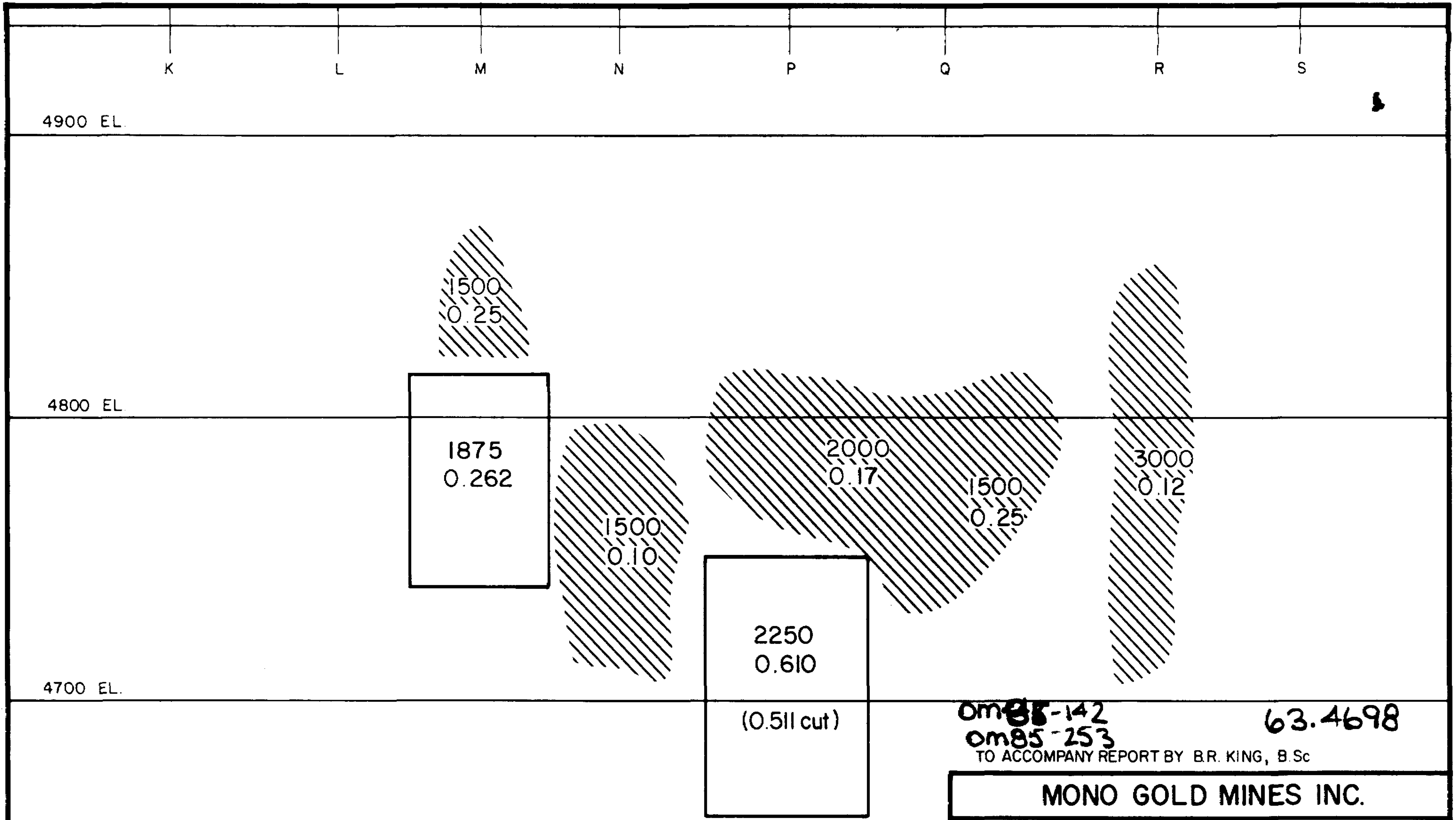



om85-142
om85-253

63.4698

TO ACCOMPANY REPORT BY B.R. KING, B.Sc

**MONO GOLD MINES INC.**

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

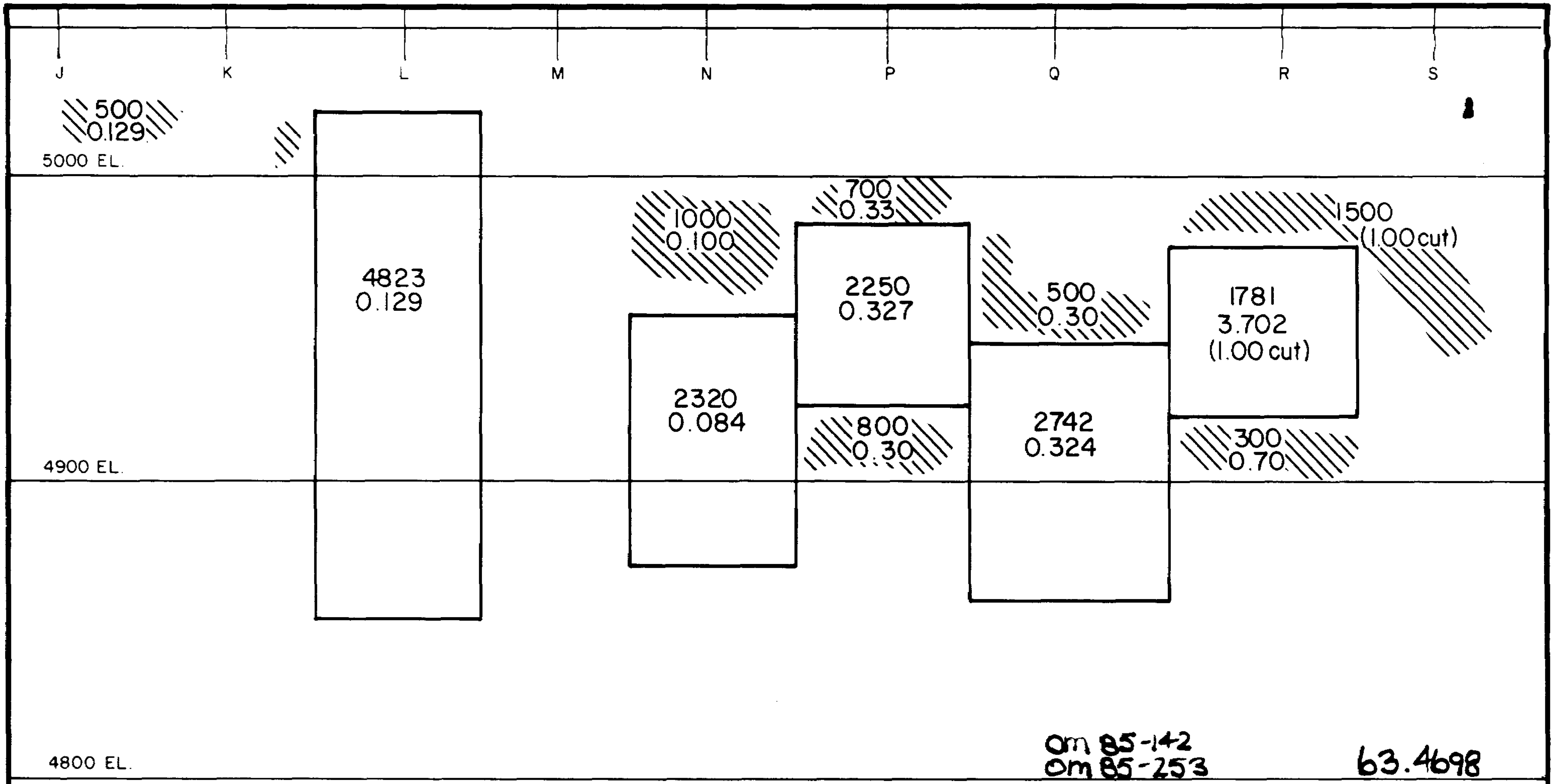
# RESERVE LONGITUDINAL-VERTICAL PROJECTION
# VEIN SYSTEM VII

25 0 25 50 75 Ft.

SAWYER CONSULTANTS INC — MARCH 1986
DRAWN BY: XY3 GRAPHICS — DESIGNED BY: BRK — APPENDIX VII

LEGEND

| | |
|---|---|
| K | Geological section |
| 1875<br>0.262 | Tonnage, grade - drill indicated |
| (hatched) | Area of inferred tonnage |




Om 85-142
Om 85-253

63.4698

TO ACCOMPANY REPORT BY B.R. KING, B.Sc.

# MONO GOLD MINES INC.

## BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

## RESERVE LONGITUDINAL-VERTICAL PROJECTION

## VEIN SYSTEM III

25 0 25 50 75 Ft.

SAWYER CONSULTANTS INC — MARCH 1986

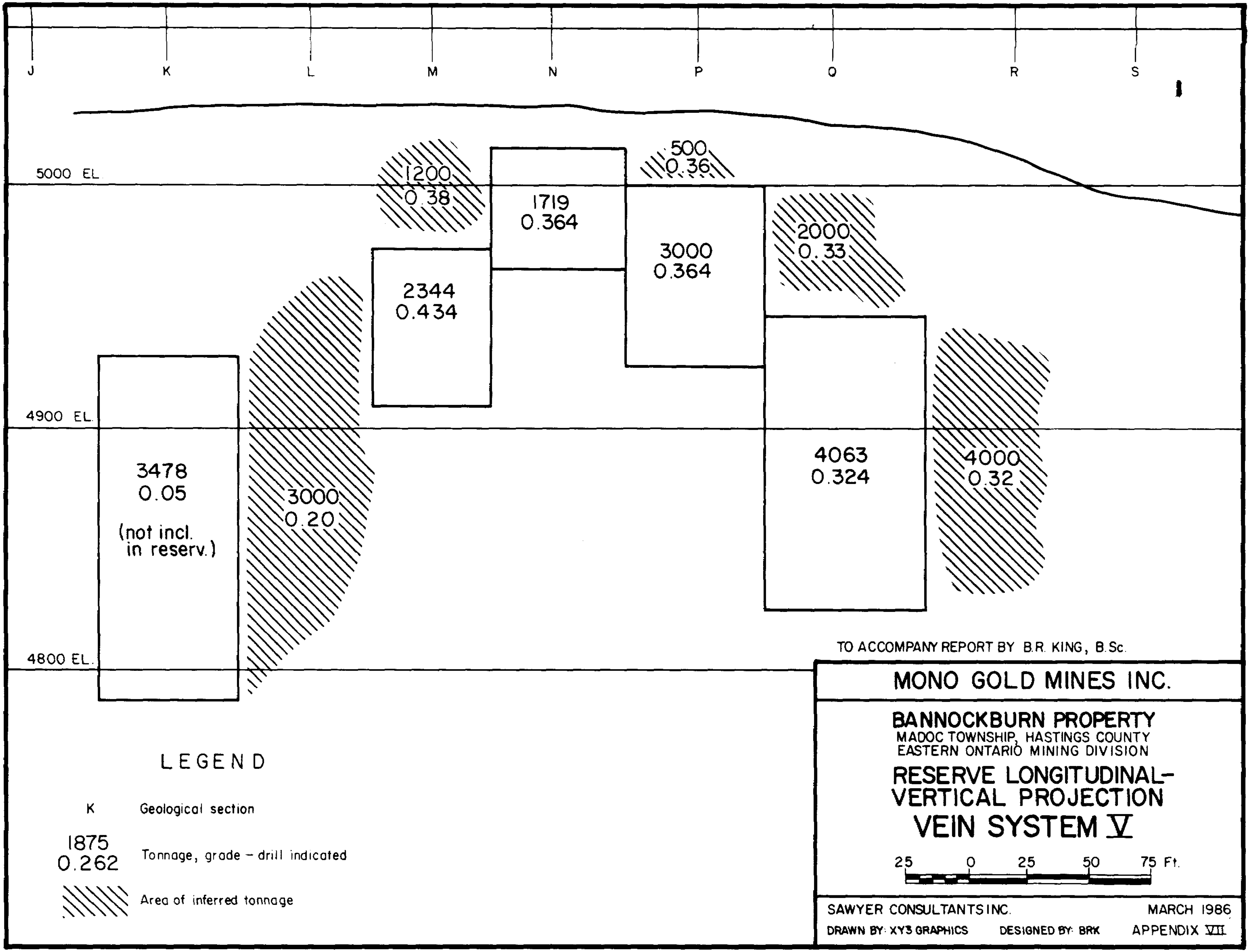
DRAWN BY: XY3 GRAPHICS — DESIGNED BY: BRK — APPENDIX VII

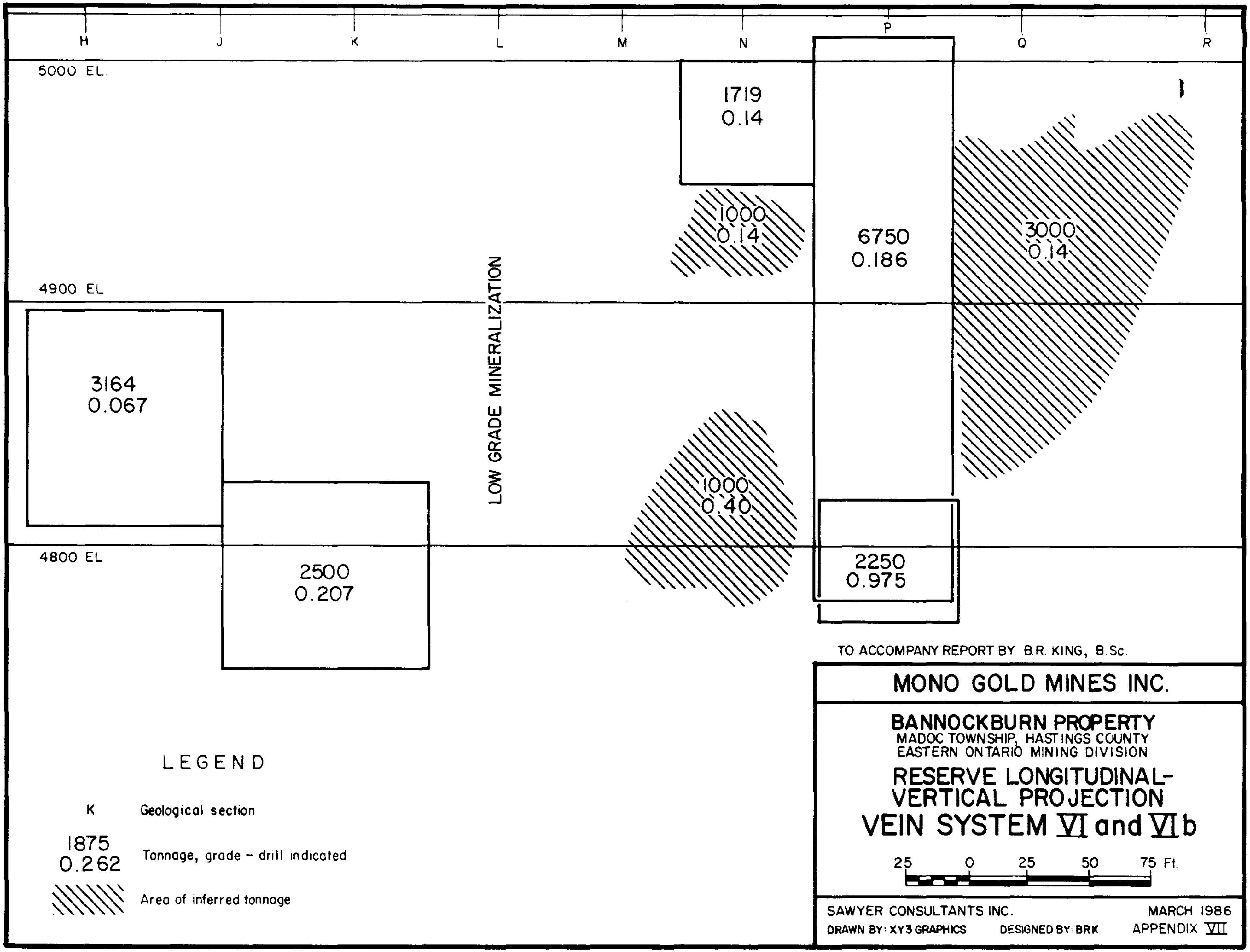
LEGEND

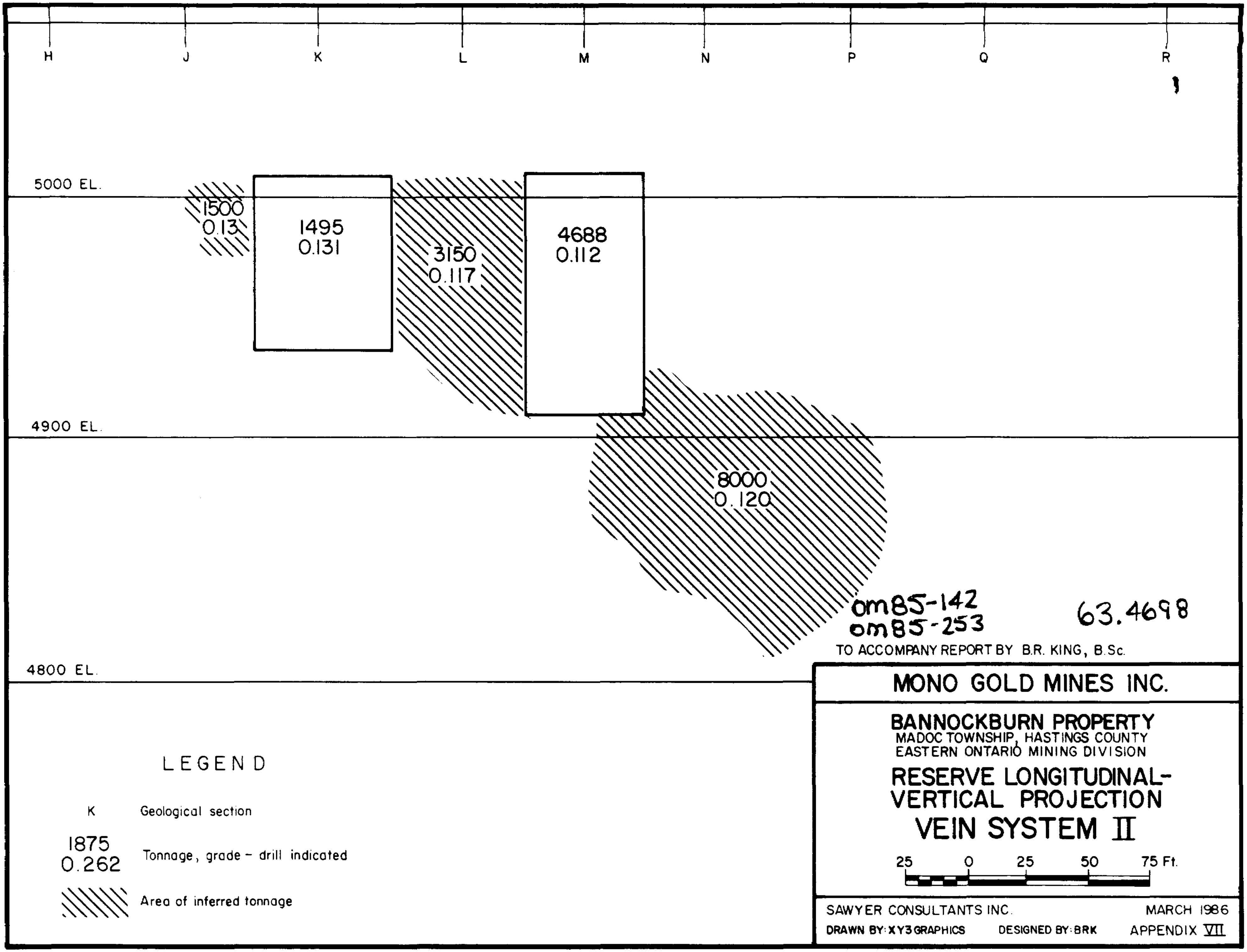
K — Geological section

1875
0.262 — Tonnage, grade - drill indicated

Area of inferred tonnage


J
K
L
M
N
P
Q
R
S
5000 EL.
4900 EL.
4800 EL.
1200
0.38
1719
0.364
500
0.36
3000
0.364
2000
0.33
2344
0.434
3478
0.05
(not incl.
in reserv.)
3000
0.20
4063
0.324
4000
0.32
TO ACCOMPANY REPORT BY B.R. KING, B.Sc.
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
RESERVE LONGITUDINAL-
VERTICAL PROJECTION
VEIN SYSTEM V
25 0 25 50 75 Ft.
SAWYER CONSULTANTS INC.
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
APPENDIX VII
LEGEND
K Geological section
1875
0.262
Tonnage, grade – drill indicated
Area of inferred tonnage


H
J
K
L
M
N
P
Q
R
5000 EL.
4900 EL
4800 EL
1719
0.14
1000
0.14
6750
0.186
3000
0.14
LOW GRADE MINERALIZATION
3164
0.067
1000
0.40
2500
0.207
2250
0.975
TO ACCOMPANY REPORT BY B.R. KING, B.Sc.
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
RESERVE LONGITUDINAL-
VERTICAL PROJECTION
VEIN SYSTEM VI and VI b
25 0 25 50 75 Ft.
SAWYER CONSULTANTS INC.
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
APPENDIX VII
LEGEND
K
Geological section
1875
0.262
Tonnage, grade – drill indicated
Area of inferred tonnage


H
J
K
L
M
N
P
Q
R
5000 EL.
4900 EL.
4800 EL.
1500
0.13
1495
0.131
3150
0.117
4688
0.112
8000
0.120
om85-142
om85-253
63.4698
TO ACCOMPANY REPORT BY B.R. KING, B.Sc.
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
RESERVE LONGITUDINAL-
VERTICAL PROJECTION
VEIN SYSTEM II
25 0 25 50 75 Ft.
SAWYER CONSULTANTS INC.
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
APPENDIX VII
LEGEND
K Geological section
1875
0.262 Tonnage, grade – drill indicated
Area of inferred tonnage

# REPORT ON THE HOUSTON OPTION DRILLING, BANNOCKBURN PROPERTY

# MADOC TOWNSHIP, ONTARIO

FOR

MONO GOLD MINES INC.

MARCH 20, 1986

Brian R. King, Geologist

TABLE OF CONTENTS:



LIST OF FIGURES



LIST OF TABLES

## INTRODUCTION

The Bannockburn gold property of Mono Gold Mines Inc., is located in the northern part of Madoc Township, Hastings County in Eastern Ontario (fig. 1). The Houston Option is located approximately 0.8 miles north-northeast of the settlement of Bannockburn and is the site of recent surface exploration and diamond drilling.

This report describes the preliminary diamond drilling on the Houston Option claims with respect to current exploration activities at the Bannockburn-Northeast Area (also known as the Discovery Area).


# MONO GOLD MINES INC.

# BANNOCKBURN PROPERTY

MADOC TOWNSHIP

EASTERN ONTARIO MINING DIVISION

## GENERAL LOCATION MAP

FIGURE 1

SUMMARY

The first discovery of gold on the Canadian Shield (and Ontario) in 1866 lead to a short lived gold rush in Madoc and surrounding townships of Eastern Ontario. Several miles north of the original discovery, the Bannockburn Gold Mine was opened circa 1894, with a number of shallow workings including a 70 foot shaft. A small mill on the site recovered small amounts of gold from an unknown tonnage.

In 1981, Mono Gold Mines Inc. carried out a preliminary exploration program covering the mine area. The work completed included geolgical mapping, geophysical surveys, a limited amount of stripping and trenching, and a preliminary diamond drilling program involving 1725 feet in eleven shallow holes.

In early 1984, Mono Gold Mines Inc. extended coverage of the property to include what is now known as the Northeast Area. A program of Geophysical surveys, Geological mapping and prospecting lead to the discovery of a significant gold deposit.

Diamond driling from May 1985 to February 1986 brought the total aggregate footage drilled at the Northeast Area to 15,920 feet. This has partially outlined a gold deposit containing an estimated 113,720 tons @ 0.242 oz. Au per ton (combined Drill Indicated and Inferred) over a five foot minimum width. Gold occurs in at least ten epigenetic quartz veins or systems and has been partially explored to an average depth of less than 350 vertical feet and along a known strike length of 900 feet. This deposit should be considered open at depth and along strike.

In mid 1985 Mono Gold Mines Inc., exercised an option to acquire two claims immediately north of the discovery from A. D. Houston in which possible "on strike" extensions of the known mineralization might be encountered.

Following a property wide Geochemical survey, several trace element anomalies were located on the Houston Option. Subsequent diamond drilling encountered very encouraging results in a strong "gold in soil" anomaly. A number of elevated gold values including a 0.780 oz. Au per ton over 1.3 ft. were revealed from a strong shear/breccia zone within mafic metavolcanics. This style of mineralization shares common elements with the Bannockburn Mine and the Northeast Area to the south. The new discovery is essentially on strike with the Northeast Area and continuity between the two is probable.

A program of continued diamond drilling and suface exploration (to include Geophysics and Geological mapping) is recommended. The total cost of this program is estimated at $246,765 (Can).

## PROPERTY AND OWNERSHIP

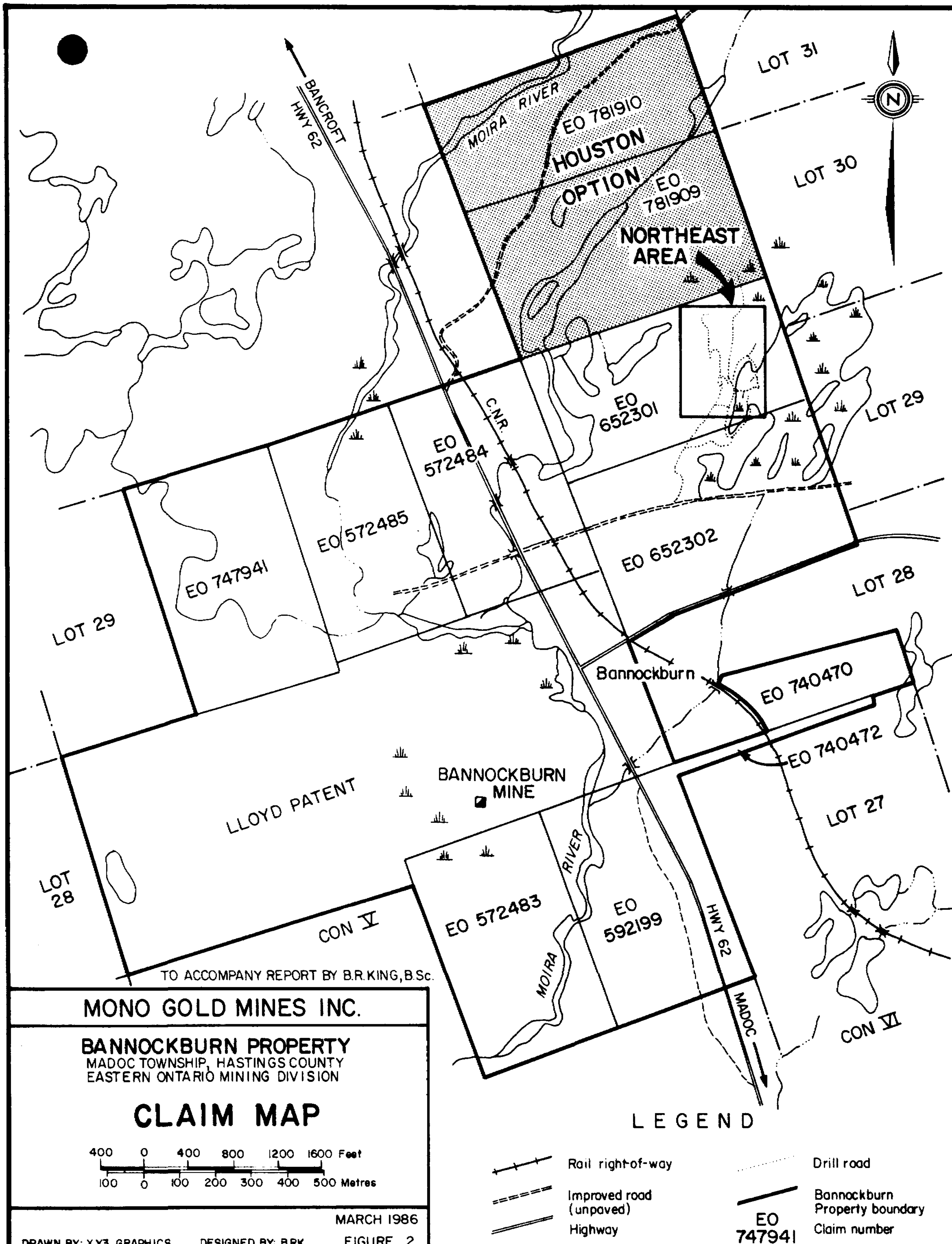
The Mono Gold Mines Inc. Bannockburn property consists of approximately 628 acres within Lots 27,28,29, and 30 of Concession V and VI of Madoc township in east-central Ontario. This report addresses a portion of these holdings within lot 30-concession VI and is known as the "Houston Option", shown in figure 2.

The Houston Option is within recorded claims # EO 781909 and 781910 which is listed as "Patent,Surface Rights Only" on Ontario Claim Map M-120. This implies that the surface rights are privately held but mineral rights may be claimed. Through staking and ownership transfer, the mineral rights to this claim and adjacent claims have been acquired by Mono Gold Mines Inc. Table I indicates the property status of the entire Bannockburn holdings.

## LOCATION AND ACCESS

The Houston Option is easily accessible from Hwy #62 linking the villages of Madoc and Bancroft, and connecting to Hwy #7 (Trans Canada Hwy). Access is by road and rail right of way, suitable for small truck under most conditions and directly links to Hwy #62. The northern portion of the Houston Option is accessible by drill trail from the Wolf Lake Road, which also connects to Hwy #62 just north of Bannockburn. The Mono Gold Mines Inc. properties are approximately centred at the small settlement of Bannockburn, 16 km. north of Hwy #7.

National Topographic System (NTS) map 31C/12 shows the Bannockburn area at 1:50,000 scale. Recently published maps of the Ontario Basic Mapping Program also show the Bannockburn area at a scale of 1:10000 (OBM 10 18 2950 49450). The Bannockburn property is also shown on Ontario Mineral Potential map,P 1505 at a scale of 1:250,000, Ontario Dept. of Mines map NO. 1957b, and Ontario Geological Survey map 2154.


BANCROFT
HWY 62
MOIRA RIVER
EO 781910
HOUSTON
OPTION
EO
781909
NORTHEAST
AREA
LOT 31
LOT 30
LOT 29
LOT 28
LOT 27
EO
652301
C.N.R.
EO
572484
EO 572485
EO 747941
EO 652302
LOT 29
Bannockburn
EO 740470
EO 740472
BANNOCKBURN
MINE
LLOYD PATENT
LOT
28
RIVER
EO 572483
EO
592199
MOIRA
HWY 62
MADOC
CON V
CON VI
TO ACCOMPANY REPORT BY B.R.KING,B.Sc.
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
CLAIM MAP
400 0 400 800 1200 1600 Feet
100 0 100 200 300 400 500 Metres
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
FIGURE 2
LEGEND
Rail right-of-way
Improved road (unpaved)
Highway
Drill road
Bannockburn Property boundary
EO 747941
Claim number

# TABLE I

## Property Disposition and Claim Schedule**

| CLAIM | CONC. | LOT | ACRES | RECORDED | EXPIR. |
|---|---|---|---|---|---|
| Lloyd Patent | V | 28 | 140 | n/a | n/a |
| EO 572483 | V | W/4ofE/2'27 | 50 | May 14/80 | 1986+ |
| 572484* | V | E/4'29 | 50 | May 14/80 | 1986 |
| 572485* | V | W/4ofE/2'29 | 50 | May 14/80 | 1986 |
| 592199 | V | E/4'27 | 50 | Sept.20/82 | 1989+ |
| 747941 | V | E/4ofW/2'29 | 50 | May 16/85 | 1986+ |
| 652301* | VI | NW/4'29 | 50 | Feb.11/83 | 1988 |
| 652302* | VI | SW/4'29 | 50 | Feb.11/83 | 1988 |
| 781909 | VI | SW/4'30 | 50 | Feb.28/85 | 1986 |
| 781910 | VI | NW/4'30 | 50 | Feb.28/85 | 1986+ |
| 740470 | VI | partSW/4'28 | 30 | July 8/85 | 1986+ |
| 740472 | VI | partNW/4'27 | 8 | July 8/85 | 1986+ |

* permission granted for patent application survey

** after Table I, Beavon, (1986)

+ assessment reports completed/in preparation as of January'86

## HISTORY AND PREVIOUS WORK

The first discovery of gold on the Canadian Shield (and Ontario) at the Richardson farm of Eldorado in 1866, sparked a colourful yet short lived gold rush in the area. Although mining in the region was established as early as 1820 (at Marmora), it was not until the Eldorado find that extensive gold prospecting occurred in Madoc township. In the years that followed, numerous prospects were explored with several seeing limited production. However, none were commercially viable, in part due to the inferior extraction technology of the day.

At the Bannockburn Mine, four shallow shafts were sunk circa 1894 (OGS Mineral Deposits Circular #18) in addition to stripping and trenching. From one of the shafts, 17 feet of drifting was done, presumably along the "mine structure". A ten stamp mill was in operation at the site at this time. In 1897, one of the shafts was deepened to 75 feet, and another 35 foot shaft was put down.

Although records are incomplete, approximately 3.5 oz. of gold was produced from an unknown tonnage of "ore". Other accounts by local historians are somewhat more spectacular but cannot be substantiated. Today numerous pits, shafts and trenches can be seen ...attesting to turn of the century efforts.

In 1981, a program of surface exploration and diamond drilling was carried out by Sawyer Consultants Inc. of Vancouver. This program consisted of establishing a cut line grid to cover the mine area, VLF-EM and Magnetometer surveys, Geological mapping, stripping, trenching and drilling. In addition, the main shaft was partially dewatered and the "mine structure" sampled.

In early 1984, cut line grid coverage was extended to the remainder of the Bannockburn property and Geophysical survey coverage was completed. In September 1984, reconnaissance Geological mapping was completed to evaluate a number of Geophysical anomalies. This involved some sampling of sulphide rich zones and exposed quartz veins. Several areas of interest in the Northeast part of the property were outlined and recommendations were made for a trenching and sampling program to test the newly discovered gold bearing quartz veins.

By late November 1984, the first phase exploration program of trenching and stripping had confirmed the presence of significant gold mineralization within the exposed quartz veins. In February of 1985, 2027 feet of diamond drilling had been completed in eight holes (phase two). This drilling, confirmed the presence of a gold bearing vein system at shallow depths along a strike length of approximately 150 feet.

From May 1985 to February 1986, the aggregate total footage drilled at the Northeast Area was increased to 15,920 ft. A provisional reinterpretation and reserve estimate of 113,720 tons

@ 0.242 oz. Au per ton consisting of 59,820 tons @ 0.279 oz. @ ton Drill Indicated, and 53,900 tons @ 0.200 oz. @ ton Inferred was calculated.

In mid 1985, Mono Gold Mines Inc. exercised an option to acquire two claims immediately north of the discovery from A. D. Houston in which possible on-strike extensions of the known mineralization might be encountered.

From September to December 1985, a Geochemical (soils) survey was undertaken across the entire Bannockburn property. Semi-quantitative, multi element analyses of known gold mineralization at the Northeast area revealed several "indicator" elements which could be used to locate new or continuations of gold bearing vein systems.

This survey resulted in the location of several "indicator" or "path finder" trace element anomalies on the Houston Option. As part of general exploration activities, diamond drill footage was allocated to test two of the more significant zones.

## CURRENT STUDY

In conjunction with the property wide Geochemical survey, a reconnaissance , 1" to 200' scale Geological mapping program of the Houston Option was undertaken to examine the structural similarity to the Northeast or Discovery Area. It is believed that the stratigraphy of the Northeast Area is repeated through a major anitiform in the central Houston Option, and that mineralization trends may also be similar.

In late December 1985, a Geochemical anomaly in the northern Houston Option was tested by a single, shallow diamond drill hole. An earlier attempt at drilling the same anomaly had failed due to mechanical difficulties thus it was decided to relocate a second machine and drill a parallel hole.

This hole (DDH 85-52) was collared at 14+38N x 1+84E appoximately 650 feet south of the Wolf Lake Road on December 18, 1985. A total of 454 feet was drilled in a -45 degree hole.

In February 1986, a second hole on another Geochemical anomaly was drilled, this one being near the southern boundary of the Houston Option, approximately 1200 feet north of the Discovery trench. Access to this site was difficult due to swamp conditions which necessitated winter drilling. A single, -45 degree hole was drilled for 344 ft., collared at 2+51N x 10+00E.

All core from the current program was logged, with mineralized and other significant intervals split. Samples for assay were sent to Chemex Ltd. of Brampton Ontario for sample preparation, then forwarded to the Chemex lab in Vancouver, B.C.. All samples were "screened" for coarse metallic mineralization. Assay results of all current holes are listed in Appendix III.

## REGIONAL GEOLOGY

### Introduction:

Madoc township and surrounding areas are well known for their Geology, containing good exposures of Precambrian greenstones, metasediments, intrusives and unconformably overlying (relatively undisturbed) Phanerozoic sediments. Several major structures are obvious and the area has a rich history of mineral production.The Geology of Madoc township is described by Hewitt (1968).

### Major Features:

The oldest rocks in the region (other than possible basement metatexite) are mafic metavolcanics of the Tudor Formation. These rocks occupy the base of the Hermon Group consisting of supracrustal clastic to carbonate metasediments and greenstones. The bulk of the Tudor Fm. metavolcanics are apparently tholeiitic basalt although some calc-alkaline/intermediate analyses have been reported.

A second sequence of metavolcanic rocks ("Madoc Volcanics") presumably overlying the Tudor Fm. is exposed in southern Madoc township. These rocks range from andesite to rhyolite and exhibit primary volcanic textures. Near Queensborough, the rhyolites and associated rocks indicate a possible volcanic centre.

Overlying, and in some cases intercalated with the volcanics are the Hermon Group metasediments. In the Madoc region, these rocks are primarily impure marbles with some semi-pelitic and psammitic schists. Other sedimentary rocks include slates, and several bands of metaconglomerate, the latter generally occurring in association with the volcano-sedimentary contact where present.

The major intrusive bodies of interest in the area are the Deloro Granite and the Gawley Creek Syenite. The Deloro Granite is a pink, medium crystalline granitic stock which occupies several square miles of southwest Madoc township and is associated with the Deloro gold occurrences in neighbouring Marmora township. The Gawley Creek Syenite body is located in the northwest quadrant of Madoc township and also extends into Marmora township. Generally, this intrusive is a medium to coarse crystalline biotite/hornblende syenite and includes a variety of granitic to dioritic differentiates. Other than at Bannockburn, the Gawley Creek Syenite is not known to be associated with major economic mineralization.

At least two major folds are present in the Madoc area. These are the Queensborough and Madoc synforms. The Queensborough structure has a northwest trending axis whereas the Madoc synform has a northeasterly trace, similar to most Grenville structures. The Bannockburn area contains numerous minor structures which are apparently related to a significiant antiformal feature which also has a northeast trend. This feature is currently being investigated and is discussed in more detail below.

Not unlike other Canadian greenstone areas, the Madoc region is crossed by numerous faults and shear zones. A general NE-SW trend for many lineaments is present, and generally parallels major lithological and structural boundaries within the Grenville.

Age determinations indicate that these rocks were last deformed approximately 1,000 million years ago during the "Grenville Orogeny". This metamorphic event has resulted in highly deformed rocks of middle greenschist to lower amphibolite facies in the Madoc township area. On a broad scale, metamorphic grade tends to increase from west to east with granitoid gneisses and "granulites" being present several townships east of Madoc.

# PROPERTY GEOLOGY

## Introduction:

The Houston Option claims contain essentially three principal rock types. These are the mafic to intermediate metavolcanics, semi-pelitic or argillitic metasediments and minor intrusives. Paleozoic rocks have not been mapped to date in the area and have presumably been removed by glacial erosion. For the most part, bedrock is well exposed with drift thicknesses of only several feet. Overburden carrying abundant locally derived material is common, and is helpful in Geological mapping and Geochemical surveys where exposures are lacking.

## Metasedimentary Rocks:

### Calcareous Metasediments;

The central Houston Option area is dominated by calcareous or "limy" metasediments. These rocks are generally medium grained marbles and carbonate bearing, siliceous, semi-pelitic sediments. Similar impure "marbles" are common in the Grenville and throughout Madoc township.

### Rusty Schist, Argillite and Quartzite;

Bordering the Calcareous Metasediments are the Rusty Schists and Argillites which are considered the lowermost sediments in the local stratigraphy. These rocks are common on the Bannockburn property, and consist of fine to medium grained siliceous mudstones and sulphide enriched argillites. These are thought to be derivatives of the weathering of the underlying Tudor Volcanics. The relatively high sulphide content of this unit is distinctive and may be considered loosely analagous to sulphide facies "iron formation". Sulphide content (esp. pyrite) appears to increase significantly near the volcano-sedimentary contact. Within a "transition zone" between the metasedimentary and metavolcanic rocks, a number of hybrid types exist. These include varieties of Quartz-Sericite Schist and semi-pelitic rocks which are interpreted as "Tuffs and Epiclastic Sediments".

## Metavolcanic Rocks:

### Mafic Volcanics;

The most important rock type in the Houston Option and adjacent parts of the Bannockburn property are metavolcanics of the Tudor Formation. These rocks are generally massive or foliated greenstones which exhibit several alteration types.

Distinguishing between individual flow or tuffaceous units within the volcanics is difficult if not impossible without sophisticated techniques. Cherty bands or segregations appear to mark flow contacts between massive and amygdaloidal flows throughout the Bannockburn property forming poor marker horizons. Accessory and alteration minerals include magnetite, biotite and carbonates.

Intrusive Rocks:

Although of minor importance volumetrically, "felsite" intrusives occur within the metavolcanics and metasediments. These are generally narrow, segregations or pods which tend to be conformable with the enclosing rocks. The origin of this "felsite" is at present unclear, but there does appear to be a relationship or association with silicification in the Northeast Area to the south. These rocks may in fact be the culmination of pervasive silicification resulting in metasomatic emplacement of a "felsite".

Also present in the Houston Option are a number of minor mafic sills or dikes. These units are generally narrow, of limited strike length and most easily recognized by strong carbonatization and shear foliation development. Compositionally, these mafic intrusives are likely dioritic, and may have originated as mafic differentiates of the Gawley Creek Syenite body immediately southwest of the study area. Similar intrusives are encountered throughout the entire Bannockburn property.

Structural Geology:

The main structural feature of the Houston Option is a south westerly plunging antiform with axial trace crossing the southwest portion of the area. According to Kryklywy (1985), this structure is complete with dip reversal between the northern and southern limb. In addition, a second fold set with northwest trend may be superimposed. This is also common within the Bannockburn property.

## ECONOMIC GEOLOGY AND DISCUSSION

At the Northeast Area, a significant gold deposit is hosted within a series of sheeted quartz veins that apparently crosscut the antiformal-folded metavolcanics and metasediments. This style of mineralization was the logical target for exploration on the Houston Option, as "on strike" quartz veining was possible, especially where stratigraphy was repeated along the northern limb of the antiform. Two Geochemical anomalies were tested by shallow diamond drilling in December 1985 and February 1986.

The first hole (DDH 85-52) intersected essentially conformable quartz-carbonate veining carrying minor pyrite/pyrrhotite and basemetal sulphides within calcareous, semi-pelitic metasediments. Unfortunately, due to the drill azimuth required to intersect the anomaly, a poor cross section of the local Geology was realized. In fact, drilling stayed within a single rock type, although minor alteration of varying degrees was encountered.

Unfortunately, the assay results were not encouraging, although slightly anomalous silver values were returned from the quartz veins, in association with Zn and Pb sulphides. This area, although not immediately favourable for gold may have potential for silver, in a similar environment to the Hollandia Mine, located nearby to the north.

A second drill hole (DDH 86-12) was drilled in the southernmost portion of the Houston Option in February 1986. This hole was designed to test a very strong (450 and 800 ppb Au) "gold in soil" anomaly occurring approximately 1200 feet north of the Discovery trench, and essentially on strike with the Northeast Area.

This hole intersected a strong sheared and brecciated structure crossing mafic metavolcanics. The zone contained several narrow quartz veins which appear to be conformable to the enclosing shear, and likely has a general north strike direction, similar to the vein system present in the Northeast Area to the south. A number of encouraging assays were returned for this hole, including 0.780 oz. per ton Au over a width of 1.3 ft. Other values of interest include a number of assays between 0.01 and 0.1 oz per ton, most within similar quartz veins. These results are comparable to typical results from the Northeast Area, where mineralized quartz veins return assays in this range when intersected outside of the main ore shoots.

This recent discovery appears to be related to the mineralization at the Northeast Area, although the structural style encountered may not be the same. Although difficult to determine from only a single drill hole, the structure encountered is more analagous to that found at the Bannockburn Mine, ie; quartz vein bearing-mineralized shear/breccia zones. Future work will address the genetic or depositional model when further drilling or surface data is available. It is entirely possible that the Northeast Area and this zone are linked by this structure or are at least related to the same depositional event.

An interesting and potentially important feature of this new zone is the associated style of alteration. This includes apparently anomalous concentrations of magnetite, as well as carbonatization and minor potassic alteration. The elevated magnetite content, if persistent, will produce a strong geophysical anomaly due to the very high susceptibility contrast.

Another feature of this zone is the presence of short intersections of felsic intrusive, at present, undefined. These rocks may be related to the "felsite" previously reported from the Northeast Area, and in fact, some evidence of silicification emanating(?) from these intrusives was noted.

RECOMMENDATIONS AND CONCLUSIONS

Although results of drilling in the northern part of the Houston Option were disappointing, the second hole (86-12) encountered very significant gold mineralization within a strong breccia/ shear structure. As a number of anomalously mineralized quartz veins were intersected, the potential exists for further discoveries of this nature. Future work should concentrate on expanding this horizon along strike, especially to the south where the zone may link up with the known gold deposit at the Northeast Area. As the Geochemical anomaly above this discovery extends for a minimum of 200 ft. to the north, the zone will likely be expanded in this direction also.

It is therefore recommended that the following work program be undertaken to evaluate this new discovery on a preliminary basis:

1)....... Prior to continuation of drilling or other exploratory work, a geophysical survey of the Houston Option should be completed. The minimum coverage should include a magnetometer survey in light of the magnetite enrichment associated with recently discovered gold mineralization.

Ideally, this survey should be a continuation of Geophysical work planned for the Northeast Area, although of lower resolution due to the differing cut line grid between the two areas.

2)...... Diamond drilling of 10,000 ft. to cover the on strike extension of the new gold bearing zone between the Northeast Area to the south and the geochemical anomaly. A further 400 ft. extension north of DDH 85-12, should be drilled to give coverage at 50 ft. intervals along a 1000 ft. strike length total. Each section should contain a 200 ft. and a 300 ft. hole in order to provide sufficient data for correlation.

3).......A program of detailed Geological mapping should be undertaken which will specifically focus on the newly discovered structure and gold bearing quartz veins. This should provide detailed and useful information for sectional interpretations and follow up work. Mapping is also recommended as normal procedure to follow up presently untested Geochemical and Geophysical anomalies.

Appendix I contains a proposed budget for this program.

Respectfully submitted...

Brian R. King

Brian R. King (hBSc)
Geolgist

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# CERTIFICATE OF QUALIFICATION

I, Brian R. King, of Bridgenorth, Ontario

DO HEREBY CERTIFY THAT

1.....I am a degree holding Geologist, a graduate of Brock University, St. Catharines, Ontario, with B.Sc. Honours in Geology.

2.....I have practised my profession as a Geologist since 1979 in the fields of Mineral Exploration and Mining Geology in Canada.

3.....I am a member of the Canadian Institute of Mining and Metallurgy, Association of Prospectors and Developers, and the Mineral Association of Canada.

4.... That the information, opinions and recommendations in this report are based on personal observations made at the Bannockburn propety, core storage facilities (Eldorado and Tweed, Ontario), and discussions with qualified persons who are familiar with the property and its history, during the period October 1985 to March 1986.

5.....That I have no direct or indirect interest in any of the subject properties of this report, nor in the shares or securities of Mono Gold Mines Inc., or associated companies, nor do I expect to receive such interest.

Brian R. King

B. R. King, hB.Sc

Dated at Bridgenorth, Ontario, this 20th day of March, 1986.

APPENDIX I

PROPOSED BUDGET FOR HOUSTON OPTION EXPLORATION MARCH 1986

| | |
|---|---|
| Diamond Drilling 10,000 ft. @ $14.00 per foot | $140,000 |
| Mob & Demob | 2,000 |
| Bulldozer, site prep/road construction, | |
| 4 hrs x 20 set ups x $60/hr | 4,800 |
| extras (drill repositioning) | 500 |
| Geological Supervision, 87 days x 2 Geologists @ $200/day | 34,800 |
| Surface Mapping. | 3,000 |
| Accomodation & Food, 90 days x 2 Geologist @ $50/day | 9,000 |
| Transportation, 90 day program @ $100/day | 9,000 |
| Assaying, 600 samples @ $11.25/sample | 6,750 |
| shipping | 300 |
| check assays etc. 25 samples | 282 |
| Geophysical Survey | 2,700 |
| Engineering and Supervision | 7,500 |
| Office Expense ( includes telephone) | 1,200 |
| Report Preparation | 2,500 |
| Contingency (10% of above) | 22,433 |
| Total............... | $246,765 |

APPENDIX II

DIAMOND DRILL HOLE DATA

| HOLE# | LATITUDE | DEPARTURE | INCL. | AZM. | LENGTH |
|---|---|---|---|---|---|
| 85-52 | 14+38N | 1+84E | -45 | 235 | 454 |
| 86-12 | 2+51N | 10+00E | -45 | 239 | 344 |

APPENDIX III

ASSAY SUMMARY

| Assay Tag No. | D.D.H. | Footage | Width | Assay, gm/tonne Au. | Ag. |
|---|---|---|---|---|---|
| 13151 F | 85-52 | 16.6-20.0 | 3.4 | <0.07 | 1.00 |
| 52 | | 20.0-23.0 | 3.0 | <0.07 | 2.30 |
| 53 | | 32.0-34.5 | 2.5 | <0.07 | 0.50 |
| 54 | | 90.0-93.0 | 3.0 | <0.07 | ---- |
| 55 | | 93.0-97.4 | 4.4 | <0.07 | ---- |
| 56 | | 157.7-159.7 | 2.0 | <0.07 | ---- |
| 57 | | 259.5-260.5 | 1.0 | <0.07 | 1.70 |
| 58 | | 382.5-383.6 | 1.1 | <0.07 | <0.3 |
| 59 | | 388.7-392.9 | 4.2 | <0.07 | <0.3 |
| 60 | | 397.7-398.7 | 1.0 | <0.07 | 0.3 |
| 61 | | 416.8-417.9 | 1.1 | <0.07 | 0.5 |
| 62 | | 417.9-422.8 | 4.9 | <0.07 | 0.5 |
| 63 | | 424.5-425.5 | 1.0 | <0.07 | 0.3 |

| | | | | Au oz./ton | |
|---|---|---|---|---|---|
| 13164 F | 86-12 | 15.4-16.4 | 1.0 | <0.002 | --- |
| 65 | | 23.8-24.8 | 1.0 | <0.002 | --- |
| 66 | | 33.8-36.5 | 2.7 | <0.002 | --- |
| 67 | | 37.4-39.2 | 1.8 | <0.002 | --- |
| 68 | | 39.2-41.7 | 2.5 | <0.002 | --- |
| 69 | | 49.0-50.8 | 1.8 | 0.008 | --- |
| 70 | | 51.3-52.3 | 1.0 | 0.006 | --- |
| 71 | | 77.3-78.6 | 1.3 | 0.070 | --- |
| 72 | | 87.4-88.4 | 1.0 | 0.020 | --- |
| 73 | | 102.0-103.0 | 1.0 | 0.026 | --- |

| | | | | |
|---|---|---|---|---|
| 74 | 108.8-109.8 | 1.0 | 0.014 | --- |
| 75 | 139.5-140.5 | 1.0 | <0.002 | --- |
| 76 | 140.5-141.6 | 1.1 | <0.002 | --- |
| 77 | 145.0-146.6 | 1.6 | <0.002 | --- |
| 78 | 152.4-153.7 | 1.3 | 0.780 | --- |
| 79 | 153.7-156.0 | 2.3 | 0.008 | --- |
| 80 | 156.0-158.1 | 2.1 | <0.002 | --- |
| 81 | 158.1-159.3 | 1.2 | <0.002 | --- |
| 82 | 160.0-162.0 | 2.0 | 0.012 | --- |
| 83 | 162.0-164.6 | 2.6 | <0.002 | --- |
| 84 | 164.6-167.9 | 3.3 | <0.002 | --- |
| 85 | 167.9-171.5 | 3.6 | <0.002 | --- |
| 86 | 171.5-172.5 | 1.0 | 0.034 | --- |
| 87 | 172.5-174.9 | 2.4 | <0.002 | --- |
| 88 | 174.9-176.6 | 1.7 | 0.014 | --- |
| 89 | 176.6-177.6 | 1.0 | <0.002 | --- |
| 90 | 183.4-184.8 | 1.4 | <0.002 | --- |
| 91 | 187.0-188.0 | 1.0 | <0.002 | --- |
| 92 | 234.0-235.9 | 1.9 | <0.002 | --- |
| 93 | 266.3-267.8 | 1.5 | <0.002 | --- |
| 94 | 298.0-299.0 | 1.0 | 0.004 | --- |

Appendix IV - Copies of Assay Certificates

# Chemex Labs Ltd.

*Analytical Chemists • Geochemists • Registered Assayers*

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597

## CERTIFICATE OF ASSAY

TO : MONO GOLD MINES INC.
C/O BEAVON CONSULTING LTD.
8720 MILLMORE RD.
RICHMOND, B.C.
V7C 1S9

CERT. # : A8610014-001-A
INVOICE # : I8610014
DATE : 9-JAN-86
P.O. # : NONE
MADOC

ATTN: ROY BEAVON CC: B. KING

| Sample description | Prep code | Ag FA g/tonne | Au g/tonne | | | | |
|---|---|---|---|---|---|---|---|
| 13151 | 207 | 1.0 | <0.07 | -- | -- | -- | -- |
| 13152 | 207 | 2.3 | <0.07 | -- | -- | -- | -- |
| 13153 | 207 | 0.5 | <0.07 | -- | -- | -- | -- |
| 13154 | 207 | -- | <0.07 | -- | -- | -- | -- |
| 13155 | 207 | -- | <0.07 | -- | -- | -- | -- |
| 13156 | 207 | -- | <0.07 | -- | -- | -- | -- |
| 13157 | 207 | 1.7 | <0.07 | -- | -- | -- | -- |
| 13158 | 207 | <0.3 | <0.07 | -- | -- | -- | -- |
| 13159 | 207 | <0.3 | <0.07 | -- | -- | -- | -- |
| 13160 | 207 | 0.3 | <0.07 | -- | -- | -- | -- |
| 13161 | 207 | 0.5 | <0.07 | -- | -- | -- | -- |
| 13162 | 207 | 0.5 | <0.07 | -- | -- | -- | -- |
| 13163 | 207 | <0.3 | <0.07 | -- | -- | -- | -- |

VOI rev. 4/85

Registered Assayer, Province of British Columbia

# Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597

*Analytical Chemists • Geochemists • Registered Assayers*

## CERTIFICATE OF ASSAY

TO : MONO GOLD MINES INC.

709 - 837 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 1B6

SUITE 1270-601 W. HASTINGS
VANCOUVER, B C
V6B 5A6.

CERT. # : A8611092-001-A
INVOICE # : I8611092
DATE : 7-MAR-86
P.O. # : NONE
BANNOCKBURN/MADOC

✓ CC: SAWYER CONSULTANTS

| Sample description | Prep code | Au FA oz/T | | | | | |
|---|---|---|---|---|---|---|---|
| 13164 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13165 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13166 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13167 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13168 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13169 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 13170 | 207 | 0.006 | -- | -- | -- | -- | -- |
| 13171 | 207 | 0.070 | -- | -- | -- | -- | -- |
| 13172 | 207 | 0.020 | -- | -- | -- | -- | -- |
| 13173 | 207 | 0.026 | -- | -- | -- | -- | -- |
| 13174 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 13175 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13176 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13177 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13178 | 207 | 0.780 | -- | -- | -- | -- | -- |
| 13179 | 207 | 0.008 | -- | -- | -- | -- | -- |
| 13180 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13181 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13182 | 207 | 0.012 | -- | -- | -- | -- | -- |
| 13183 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13184 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13185 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13186 | 207 | 0.034 | -- | -- | -- | -- | -- |
| 13187 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13188 | 207 | 0.014 | -- | -- | -- | -- | -- |
| 13189 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13190 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13191 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13192 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13193 | 207 | <0.002 | -- | -- | -- | -- | -- |
| 13194 | 207 | 0.004 | -- | -- | -- | -- | -- |

RECEIVED
MAR 1 7 1986
SAWYER CONSULTANTS INC.

VOI rev. 4/85

W. [illegible]
Registered Assayer, Province of British Columbia

# Diamond Drill Record

| COLLAR: | |
|---|---|
| 14 + 38 N | |
| 1 + 84 E | |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Dec. 22/86 |
| MAP REFERENCE No. | |
| Dip -45° | |
| Azm 235° | |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 454 | -- | 52½ U/G |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Houston Option
DRILLING CONTRACTOR McKnight
ASSAYER CHEMEX
PURPOSE OF HOLE To test geochemical anomaly

HOLE No. 85-52
CLAIM NAME/No. EO 781910
COMMENCED Dec 18/85
FINISHED Dec 21/85
FINAL DEPTH 454'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS gm/tonne Au | Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.0 | 97.4 | | SEMI - PELITIC METASEDIMENTS | | | | | | | | | | | |
| | | | -fine grained, banded/foliated, qtzfeldspathic - bio/chl schist | | | | | | | | | | | |
| | | | -minor calc-sil bands (carbonate-epidote) | | | | | | | | | | | |
| | | | -hem in vugs, on fractures & minor dissem in foliation plane | | | | | | | | | | | |
| | | | -varying amounts of cc + dol | | | | | | | | | | | |
| | | | -py, generally 3% | | | | | | | | | | | |
| | | | -8', foliation/banding @ 5° to core axis | | | | | | | | | | | |
| | | | -16', foliation/banding shifts to 16° to core axis | | | | | | | | | | | |
| | | | -16.6 - 19.0, tectonic breccia, shear or fault zone | 16.6 | 20.0 | 3.4 | 13151F | 0.07 | 1.00 | | | | | |
| | | | -protomylonite with dark siliceous fragments | 20.0 | 23.0 | 3.0 | 52 | 0.07 | 2.3 | | | | | |
| | | | -matrix of qtz - dol - sericite, slickensides @ 90° | | | | | | | | | | | |
| | | | -vuggy py | | | | | | | | | | | |
| | | | -small seam of malachite | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-52

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS gm/tonne Au | Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.0 | 97.4 | | SEMI PELITIC METASEDIMENTS (cont) | | | | | | | | | | | |
| | | | -no real qtz veining | | | | | | | | | | | |
| | | | 19.0 - 20.0, minor breccia, in pelite | | | | | | | | | | | |
| | | | 20.0 - 22.6, altered zone, dol, sil, possible kspar, hem, tourmaline | | | | | | | | | | | |
| | | | -single 1" (tw) qtz vein with cc, py @ 40° | | | | | | | | | | | |
| | | | -possible mafic dike/sill? immediately below qtz vein | | | | | | | | | | | |
| | | | -poor recovery, possible additional qtz | | | | | | | | | | | |
| | | | 29', fol/banding @ 8° | | | | | | | | | | | |
| | | | 32.2 - 34.5', altered zone, dol, chl, sericite, minor brecciation | 32.0 | 34.5 | 2.5 | 13153 | 0.07 | 0.5 | | | | | |
| | | | -strong qtz vein, qtz-dol-py vein (5") | | | | | | | | | | | |
| | | | -grey - dendritic mineral -- argentite? etc. | | | | | | | | | | | |
| | | | 34.5 , folding/banding @ 5° | | | | | | | | | | | |
| | | | 39.2, small "s" style shear fold | | | | | | | | | | | |
| | | | 48° - 70.0, alternating hem, sericite - dol ± ep alteration, minor py | | | | | | | | | | | |
| | | | 56.0' foliation/banding @ 30° | | | | | | | | | | | |
| | | | 70.0 - 74.5, gneissic appearance, qtz segregations | | | | | | | | | | | |
| | | | 73.0 - 85.2 - sim 48.0 - 70.0, stronger hem | | | | | | | | | | | |
| | | | 82', fol/banding @ 18° (constant) | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 85-52

| FROM | TO | RECOVY | DESCRIPTION (cont) | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS gm/tonne Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 85.3 - 86.6', fol/banding turns to near 90°, then becomes chaotic | | | | | | | | | | | |
| | | | -siliceous and sericitic alteration, with brecciation/faulting | | | | | | | | | | | |
| | | | -sericite rimmed fragments, also with dol, cc, rusty sulphides | | | | | | | | | | | |
| | | | -fault gouge, low density rk, porous | | | | | | | | | | | |
| | | | 86.6 - 90.0'', massive mudstone/pelite, fol/banding @ 22° | | | | | | | | | | | |
| | | | 90.0 - 97.4', tectonic breccia, massive silic, sericite with dol, hem, minor | 90.0 | 93.0 | 3.0 | 13154 | 0.07 | -- | | | | | |
| | | | sulphides, sim to 85.3 - 86.6 | 93.0 | 97.4 | 4.4 | 55 | 0.07 | -- | | | | | |
| | | | | | | | | | | | | | | |
| 97.4 | 164.6 | | SEMI PELITIC METASEDIMENTS | | | | | | | | | | | |
| | | | -sim to 5.0 - 97.4, but generally more coarse, more siliceous | | | | | | | | | | | |
| | | | -97.4 - 108.0, sericitic banding, minor py | | | | | | | | | | | |
| | | | -generally a nondescript rk | | | | | | | | | | | |
| | | | -125.6 - 126.6, minor breccia, minor silicification, minor py | | | | | | | | | | | |
| | | | -134.0, fol/banding @ 22° | | | | | | | | | | | |
| | | | -141.4 - 142.3', minor breccia, sim to 125.6 - 126.6 | | | | | | | | | | | |
| | | | -147.0', 4" breccia, few tensional features | | | | | | | | | | | |
| | | | -156.0 - 164.6', silicified/altered zone, brecciation | | | | | | | | | | | |
| | | | -chloritic/sericitic, minor cc, spks py | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 85-52

| FROM | TO | RECOVY | DESCRIPTION (cont) | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | gm/tonne ASSAYS Au | Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 157.7 -159.7', very silicified, few qtz stringers | 157.7 | 159.7 | 2.0 | 13156 | 0.07 | — | | | | | |
| | | | qtz veining is brecciated, minor chl, spks py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 164.6 | 454.0 | | SERICITIC, SEMI PELITIC METASEDIMENT | | | | | | | | | | | |
| | EOH | | -sim to above units, sericitic content increasing, possibly due to proximity to | | | | | | | | | | | |
| | | | volcanic contact??, minor garnet | | | | | | | | | | | |
| | | | -fol/banding parallel to core | | | | | | | | | | | |
| | | | -minor enrichment of po 5% (sporadic) | | | | | | | | | | | |
| | | | -patches of carbonatization | | | | | | | | | | | |
| | | | -259.9', 1"(tw) qtz -cc, sp -po vein @ 58° | 259.5 | 260.5 | 1.0 | 57 | 0.07 | -- | | | | | |
| | | | -302', fol/banding @ 12° | | | | | | | | | | | |
| | | | -280', cc dol. | | | | | | | | | | | |
| | | | -332.6 - 333.5, qtz - dol - po pod - (metamorphic segregation) not a vein | | | | | | | | | | | |
| | | | -357', fol/banding @ 18° | | | | | | | | | | | |
| | | | -382.5 - 383.4', qtz -cc/dol -po vein, minor breccia chl, possible sp | 382.5 | 383.6 | 1.1 | 58 | 0.07 | 0.3 | | | | | |
| | | | -irregular contacts | | | | | | | | | | | |
| | | | -388.9 - 392.3', sim to 382.5 - 383.4, qtz is granular, upper ctc @ 30° | 388.7 | 392.9 | 4.2 | 59 | 0.07 | 0.3 | | | | | |
| | | | -strong sp in seams, minor chl | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 85-52

| FROM | TO | RECOVY | DESCRIPTION (cont) | SAMPLE | | | | gm/tonnes ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | Ag | | | | | |
| | | | 397.7 - 398.7', qtz - cc/dol vein, minor po, sp, chloritic partings | 397.7 | 398.7 | 1.0 | 13160 | 0.07 | 0.3 | | | | | |
| | | | -upper ctc irreg., lower coc conformable | | | | | | | | | | | |
| | | | -416.8 - 417.9 - sim to 397.7 - 398.7, ctc's irreg, @ 24° | 416.8 | 417.9 | 1.1 | 61 | 0.07 | 0.5 | | | | | |
| | | | -417.9 - 422.8 - altered sil and dol zone, conformable, minor po, tr, sp, py, cpy | 417.9 | 422.8 | 4.9 | 62 | 0.07 | 0.5 | | | | | |
| | | | -424.5 - 425.5 - conformable qtz - dol - po vein, sim 416.8 - 417.9 | | | | | | | | | | | |
| | | | -440.0 - EOH, very badly broken core, rk has very strong cleavage, less sericite | 424.5 | 425.5 | 1.0 | 63 | 0.07 | 0.3 | | | | | |
| | | | -448.0', probable qtz veining, core too badly broken -not economic | | | | | | | | | | | |
| 164.6 | 454.0 | | | | | | | | | | | | | |
| | EOH | | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2+51N |
| | 10+00 E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Feb 26,27, 1986 |
| MAP REFERENCE No. | |
| | Dip -45° |
| | Azm 239° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 344 | -------- | -42½° |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn - Houston Option
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to test significant gold-in-soil Geochemical anomaly

HOLE No. 86-12
CLAIM NAME/No. EO 781909
COMMENCED Feb 24, 1986
FINISHED Feb 26, 1986
FINAL DEPTH 344'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4.0 | 56.6 | | Brecciated-Altered Greenstone (Altered, Mafic Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -dark to pale green, f-med gr, foliated, semi-schistose rk, strongly altered, calc-sil | | | | | | | | | | | |
| | | | with ep, cc, qtz,py, po | | | | | | | | | | | |
| | | | -strongly brecciated, frag's up to 1½", some shear textures? | | | | | | | | | | | |
| | | | -15.4-16.4; espec altered zone, with elevated py, conformable | 15.4 | 16.4 | 1.0 | 13164 | <0.002 | | | | | | |
| | | | -24.5; fol/banding @ 43° | | | | | | | | | | | |
| | | | -unit appears recrystallized, almost diabasic in texture | | | | | | | | | | | |
| | | | -23.8-24.8; sheared GS?, appears to be minor shear with ep, red ferugenous cc, poss. | 23.8 | 24.8 | 1.0 | 13165 | <0.002 | | | | | | |
| | | | mt, granular qtz, dissem py (5%) | | | | | | | | | | | |
| | | | -33.8-36.5; silicified zone, may be diffused felsite?, minor ep, minor cc, possible | 33.8 | 36.5 | 2.7 | 13166 | <0.002 | | | | | | |
| | | | ang frags | | | | | | | | | | | |
| | | | -37.4-41.7; sim 33.8-36.5, contains several conformable? qtz-cc stringers (½") | 37.4 | 39.2 | 1.8 | 13167 | <0.002 | | | | | | |
| | | | - 39.0-42.0 very sil very minor brecciation, 42-45.1, returns to breccia | 39.2 | 41.7 | 2.5 | 13168 | <0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 45.1-46.0; essentially un altered chloritic GS, massive | | | | | | | | | | | |
| | | | 46.0-48.3; coarse, ep altered breccia | | | | | | | | | | | |
| | | | 48.3-49.0; shear zone, chloritic, cc, qtz, with minor py, 49-50.8, sim | | | | | | | | | | | |
| | | | -49.0-50.8; med ep breccia, cc, elevated subhedral py, generally @ 50° | 49.0 | 50.8 | 1.8 | 13169 | 0.008 | | | | | | |
| | | | -51.5-52.3; zone of potassic alt, conformable kspar, especially lower 4", vein of | | | | | | | | | | | |
| | | | kspar-qtz-cc with chl slips, few spks py | 51.3 | 52.3 | 1.0 | 13170 | 0.006 | | | | | | |
| | | | -53.0-55.0; very coarse ep breccia, 2-6"range | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 56.6 | 87.9 | | Greenstone (Mafic Tuff?; Altered, Brecciated, Magnetite Bearing; Tudor Fm) | | | | | | | | | | | |
| | | | -arbitrary ctc, shift from massive volcanic to foliated GS | | | | | | | | | | | |
| | | | -unit is f-med gr, strongly carbonatized, dark green, also strongly brecciated with | | | | | | | | | | | |
| | | | calc-silicate alteration | | | | | | | | | | | |
| | | | -66.0; fol @ 65° | | | | | | | | | | | |
| | | | -63.5; ½" conformable qtz-cc vein, chl slips on ctc's, barren | | | | | | | | | | | |
| | | | -66.7-67.5; coarse ep breccia | | | | | | | | | | | |
| | | | -69.0; 2" conformable sil/kspar zone | | | | | | | | | | | |
| | | | -71.9-75.3; coarse sil, ep breccia | | | | | | | | | | | |
| | | | -75.3-75.7; possible shear, chl schist, mod consolidated, minor cc, barren, @ 53° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 75.7-76.7; sim71.9-75.3, but less intense | | | | | | | | | | | |
| | | | -77.7; 2" tw conformable qtz-cc vein, spks py | 77.3 | 78.6 | 1.3 | 13171 | 0.070 | | | | | | |
| | | | -78.0-78.5; qtz-cc vein, upper ctc is conformable, lower is xcutting, both irreg and | | | | | | | | | | | |
| | | | diffuse | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 87.9 | | | Greenstone (Mafic Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -generally massive, green, chloritic rk, f gr, much lower mt than unit above, minor | | | | | | | | | | | |
| | | | dissem py | | | | | | | | | | | |
| | | | -upper ctc is conformable, sheared qtz-cc zone, appears barren, lower ctc is possibly | 87.4 | 88.4 | 1.0 | 13172 | 0.020 | | | | | | |
| | | | xcutting @ 85° | | | | | | | | | | | |
| | | | -90.6-91.0; ep, feldspathized, recrystallized (possible kspar alteration) zone, looks | | | | | | | | | | | |
| | | | like a metamorphic sweat...pegmatitic | | | | | | | | | | | |
| | | | -97.6-101.8; sim 90.6-91.0, mt content increasing with depth , rk is sim to granodior- | | | | | | | | | | | |
| | | | ite, but more of a felsite? | | | | | | | | | | | |
| | | | -102.5; conformable qtz-kspar-cc vein, 2½" tw with host rk inclusions, few spks py, | 102.0 | 103.0 | 1.0 | 13173 | 0.026 | | | | | | |
| | | | appears to be sheared, vein may be split? | | | | | | | | | | | |
| | | | 103.4; 4" ep alt zone with minor brecciation | | | | | | | | | | | |
| | | | -109.3; 1" xcutting qtz-cc vein with strong py, str mt alt @55° | 108.8 | 109.8 | 1.0 | 13174 | 0.014 | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | oz/ton Au | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -109.6-125.6; ep, minor breciation, carbonatization, silicified with pegmatitic | | | | | | | | | | | |
| | | | felsite material | | | | | | | | | | | |
| | | | -125.9-137.7; felsitic/granodioritic zone with ep, breccia, with significant mt | | | | | | | | | | | |
| | | | -137.7-142.0; minor brecciation with ep and felsite, @ 140', 2" xcutting massive white | 139.5 | 140.5 | 1.0 | 13175 | <0.002 | | | | | | |
| | | | quartz-cc vein, with minor py, sharp and reg ctc's @ 85° | | | | | | | | | | | |
| | | | -141.1; 3" shear @ 52°, carbonatized, chl schist, slightly elevated py | 140.5 | 141.6 | 1.1 | 13176 | < 0.002 | | | | | | |
| | | | -145.0-147.0; minor brecciated, ep, carbonatized, marginally sheared, spks py, | | | | | | | | | | | |
| | | | elevated mt | 145.0 | 146.6 | 1.6 | 13177 | <0.002 | | | | | | |
| | | | -151.0-158.1; pervasive sil begins, related to felsite margins?, with some kspar, | | | | | | | | | | | |
| | | | carbonatized, dissem py | | | | | | | | | | | |
| | | | -strong, coarse mt 151-152.5', very little other alt | | | | | | | | | | | |
| | | | -152.5-153.6; xcutting, qtz-cc vein @ 80°, sharp irreg ctc's, massive white qtz with | 152.4 | 153.7 | 1.3 | 13178 | 0.780 | | | | | | |
| | | | inclusions of host rk, vein is culmination of intense pervasive felsitic? | 153.7 | 156.0 | 2.3 | 13179 | 0.00[illegible] | | | | | | |
| | | | alt zone | 156.0 | 158.1 | 2.1 | 13180 | <0.002 | | | | | | |
| | | | -158.2-159.3; possible shear zone, carbonatized, chloritic, mt, very minor qtz-cc | | | | | | | | | | | |
| | | | -bio stringers, 2, ½" xcutting veins which intersect cherty, blue qtz | 158.1 | 159.3 | 1.2 | 13181 | <0.002 | | | | | | |
| | | | -159.5-164.5; pervasive sil (felsitic) zone, dissem po, minor py, tr cpy, mt veining: | | | | | | | | | | | |
| | | | 162.4; ½" xcutting @ 80° diffuse qtz vein | 160.0 | 162.0 | 2.0 | 13182 | 0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 163.2; 1½" xcutting vein @ 80°, sim above | 162.0 | 164.6 | 2.6 | 13183 | <0.002 | | | | | | |
| | | | 163.6, 163.8; similar stringers within minor sheared zone | | | | | | | | | | | |
| | | | -164.5-167.9; sheared, altered mafic volcanics, carbonatized, few sil zones all | 164.6 | 167.9 | 3.3 | 13184 | <0.002 | | | | | | |
| | | | conformable @ 45° | | | | | | | | | | | |
| | | | -167.9-177.6; pervasive sil zone with several xcutting qtz-cc veins | | | | | | | | | | | |
| | | | -169.6; ½" gen conformable qtz-cc vein, spks py | 167.9 | 171.5 | 3.6 | 13185 | <0.002 | | | | | | |
| | | | -172.0; 2" xcutting qtz-cc vein @ 75°, massive white-grey, po on ctc's | 171.5 | 172.5 | 1.0 | 13186 | 0.034 | | | | | | |
| | | | -172.7; qtz-cc-tourmaline pod | 172.5 | 174.9 | 2.4 | 13187 | <0.002 | | | | | | |
| | | | -173.0; ½" xcutting, very diffuse qtz vein, sim 173.7 | 174.9 | 176.6 | 1.7 | 13188 | 0.014 | | | | | | |
| | | | -174.5; vuggy py/po, ¼" xcutting seam of sp | 176.6 | 177.6 | 1.0 | 13189 | <0.002 | | | | | | |
| | | | -175.5; xcutting, po rich 1" qtz-cc vein, tr cpy, irridescent grey-blue min? | | | | | | | | | | | |
| | | | -177.5; xcutting, irreg, slightly diffuse qtz-cc vein, elevated po in wall | | | | | | | | | | | |
| | | | rks | | | | | | | | | | | |
| | | | -183.4-184.8; biotite altered, sheared GS with qtz-cc veining, xcutting @ 184.3', 1½" | 183.4 | 184.8 | 1.4 | 13190 | <0.002 | | | | | | |
| | | | -186.0-186.6; granodiorite/felsitic mat'l, ep, breccia | | | | | | | | | | | |
| | | | -187.2-187.8; cherty flow ctc, conformable @ 35°, carries strong py, in a 3/4" qtz-cc | 187.0 | 188.0 | 1.0 | 13191 | <0.002 | | | | | | |
| | | | vein with strong mt, minor po | | | | | | | | | | | |
| | | | -189.1-189.6; intense chloritic shear and carbonatized GS, some brecciation | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -191.5-197.7; felsitic/granodioritic mat'l, with ep, minor brecciation, some carbonat'n | | | | | | | | | | | |
| | | | minor dissem po,py | | | | | | | | | | | |
| | | | - 97.7-204.0; relatively unaltered massive GS, minor carbonatization, few minor | | | | | | | | | | | |
| | | | sheared zones with elevated py | | | | | | | | | | | |
| | | | -212.3-213.4; felsite | | | | | | | | | | | |
| | | | 218.6 224.1; felsite | | | | | | | | | | | |
| | | | -225.0-228.9; sim above, 231.0-231.6 sim | | | | | | | | | | | |
| | | | -234.0-235.9; shear zone @ 75°, chl, bio, with xcutting qtz-cc vein (4") at 234.9 | 234.0 | 235.9 | 1.9 | 13192 | <0.002 | | | | | | |
| | | | 239.3-244.0, 246.2-248.0; felsite | | | | | | | | | | | |
| | | | -262.3-271.4; brecciated, ep, silicified zone (felsite) with possible, very diffuse | 266.3 | 267.8 | 1.5 | 13193 | 0.002 | | | | | | |
| | | | cutting vein | | | | | | | | | | | |
| | | | -274.0-278.0; minor sil zone, ep, fracturing and minor brecciation | | | | | | | | | | | |
| | | | -278.0-282.0; sil zone with felsitic material | | | | | | | | | | | |
| | | | -286.2-301.8; ep, brecciated-felsite bearing mafic volcanic, 298.5; 1" xcutting qtz-cc | 298.0 | 299.0 | 1.0 | 13194 | 0.004 | | | | | | |
| | | | vein @ 80°, with heavy po | | | | | | | | | | | |
| | | | 301.8-334.0; sheared carbonatized well foliated GS, shearing is conformable and not | | | | | | | | | | | |
| | | | related to the above xcutting and mineralized zones, but rather is regional | | | | | | | | | | | |
| | | | shear foliation | | | | | | | | | | | |

# Diamond Drill Record

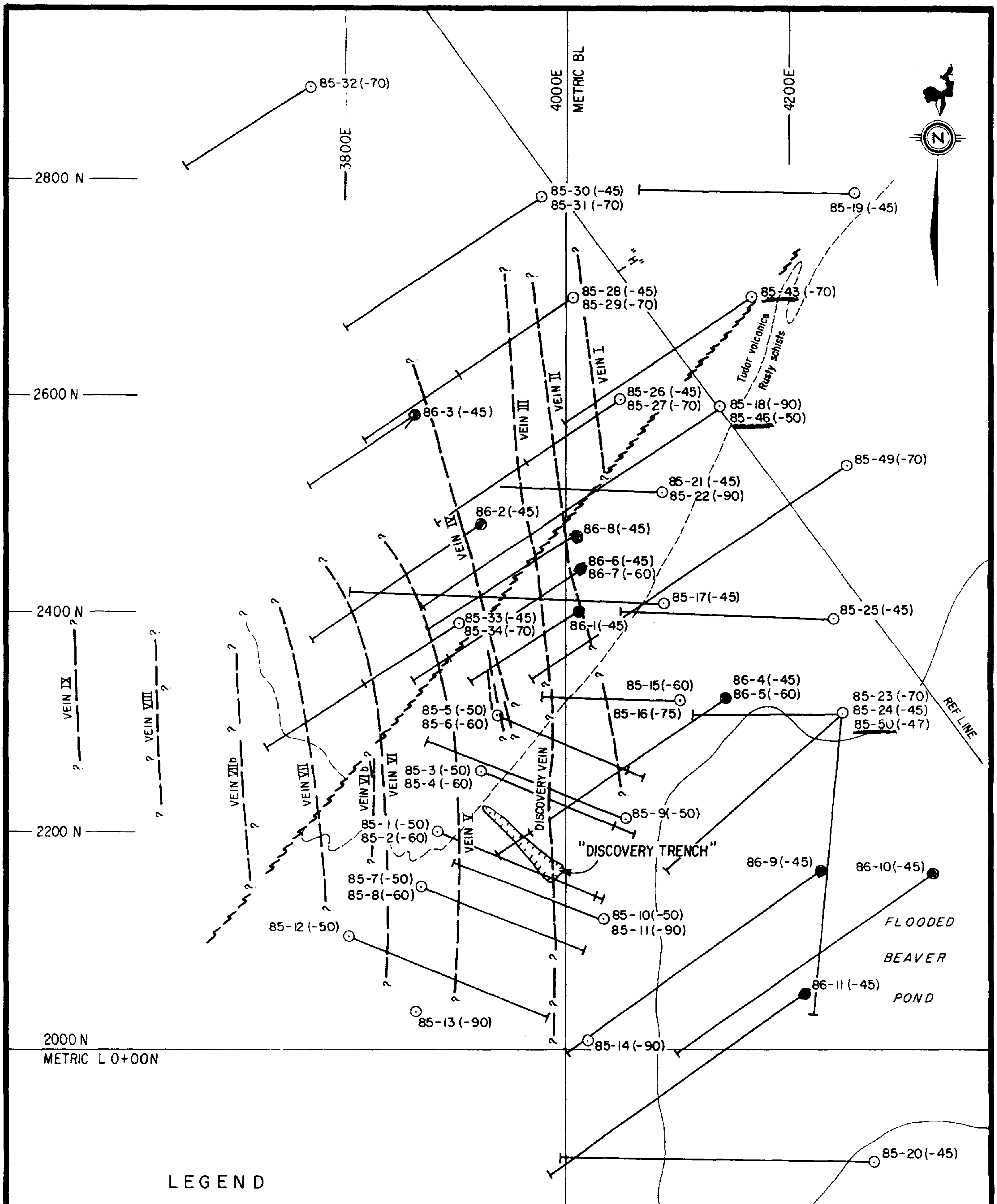
DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| | | | 303.0; fol/shearing @ 23° | | | | | | | | | | | |
| | | | -313.0-314.0; core is badly broken due to sub parallel foliation, fol has rotated | | | | | | | | | | | |
| | | | to near parallel | | | | | | | | | | | |
| | | | -339.0-341.5; conformable qtz-cc pods with few spks py, mt, non economic | | | | | | | | | | | |
| | 344.0 | | -341.5-344.0; f gr grey, carbonatized, bio-sericitic rk, may be possible sediment, or | | | | | | | | | | | |
| | EOH | | volcano-sediment transition rk, or altered zone near the transition | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | Note; Casing left in hole for future deepening | | | | | | | | | | | |




## LEGEND

- Lithological contact
- Inferred fault
- VEIN III — Quartz vein (termination unknown) projection to 5000 el (pond level)
- "H" REF. LINE — Geological reference line with geological section
- 86-3 (-45) — Diamond drill hole location and vertical projection with dip

om85-253
om85-142

63.4698

TO ACCOMPANY REPORT BY B.R. KING, B.Sc.

# MONO GOLD MINES INC.

## BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

## NORTHEAST AREA

# GEOLOGICAL and DRILL PLAN

50 0 50 100 150 Ft

SAWYER CONSULTANTS INC — MARCH 1986

DRAWN BY: XY3 GRAPHICS — DESIGNED BY: B.K. — FIGURE 3

MONO GOLD MINES INC.

SECOND PHASE EXPLORATION PROGRAM

DIAMOND DRILLING

on the

NORTHEAST AREA

of the

BANNOCKBURN PROPERTY

Madoc Township, Ontario

Diamond Drill Logs

and

Assay Summary Sheets

**DDH-85-1 to DDH-85-8 inclusive**

To accompany Report by

**SAWYER CONSULTANTS INC.**

dated March 14th, 1985

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 38+25N |
| | 31+35E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 11-12, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD ACID ETCH | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 105° | -50° |
| 246' | 105° | -48° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test depth extensions of surface veins

HOLE No DDH-85-1
CLAIM NAME No. EO 652301
COMMENCED Feb. 7, 1985
FINISHED Feb. 9, 1985
FINAL DEPTH 246.0'
PROJECT No -

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 4.0' | 0' | Overburden. | | | | | | | | | | | |
| 4.0' | 7.0' | 1.5' | Surface oxidized, broken ground, siliceous dark grey quartzite foliation at 35°- 40° to core axis. Quartz vein laminae parallel to foliation, disseminated pyrite. | | | | | | | | | | | |
| 7.0' | 12.5' | 4.5' | Medium grey, bleached looking foliated quartz feldspar/sericite schist, pyritic, contorted foliation, crinkle foliation at 30° to core axis. Pyrrhotite from 9.0'. | | | | | | | | | | | |
| 12.5' | 14.0' | 0.5' | Healed shear, quartz carbonate vein at 50° to core axis, barren, pyrite and pyrrhotite on margin. | | | | | | | | | | | |
| 14.0' | 17.6' | 3.6' | Darker grey quartz-feldspar-chlorite schist, foliation; contorted; at varying angles - generally 30°-40° - silicified - | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.0' | 17.6' | (cont.) | quartz stringers randomly cross-cutting pyrite-pyrrhotite to 15%, | | | | | | | | | | | |
| | | | chalcopyrite disseminated in pyrrhotite, disseminated red-brown | | | | | | | | | | | |
| | | | garnets to 1-2 mm in silicified groundmass, chlorite much | | | | | | | | | | | |
| | | | increased, knots/blebs high relief sericite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 17.6' | 22.0' | 3.4' | 1.0' LOST CORE, casing to 19.0'. | | | | | | | | | | | |
| | | | Quartz vein, pyrite on fractures + minor disseminated, milky white | | | | | | | | | | | |
| | | | quartz. Contact at 17.6' at 60° to core axis, brown oxide gouge - | | | | | | | | | | | |
| | | | LOST CORE HERE? | | | | | | | | | | | |
| | | | 17.6'-18.5' - large amounts pyrite along fractures. | 17.6' | 19.0' | 1.4' | 15882 | 0.045 | L0.02 | | | | | |
| | | | 19.0'-21.0' - ground core, stringers pyrite on fractures. | 19.0' | 22.0' | 3.0' | 15883 | 0.010 | L0.02 | | | | | |
| | | | 21.0'-22.0' - fractures + healed pyrite, blebs + masses. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 22.0' | 32.5' | 10.5' | Dark greenish-brown, faintly foliated quartzite, siliceous, | | | | | | | | | | | |
| | | | chloritic, foliation at 40°-45° to core axis. Quartz-feldspar | | | | | | | | | | | |
| | | | laminae to ½" parllel to foliation, much disseminated pyrite- | | | | | | | | | | | |
| | | | pyrrhotite - up to 25% with very minor chalcopyrite in pyrrhotite, | | | | | | | | | | | |
| | | | disseminated light red-brown garnets up to 1.5 to 2 mm across | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22.0' | 32.5' | (cont.) | throughout. | | | | | | | | | | | |
| | | | 23.0'-24.5' - series thin quartz feldspar laminae parallel to | | | | | | | | | | | |
| | | | foliation, medium green foliated chlorite. | | | | | | | | | | | |
| | | | 27.0'-28.5' - series quartz veins, main vein 27.5'-28.0' at 40° | 27.0' | 28.5' | 1.5' | 15884 | 0.015 | L0.02 | | | | | |
| | | | to core axis, blebs pyrite associated, minor carbonate. | | | | | | | | | | | |
| | | | 30.0'-31.0' - thin quartz feldspar laminae 2-3 mm. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 32.5' | 38.0' | 5.5' | Healed shear zone? silicified zone with quartz vein segregations | | | | | | | | | | | |
| | | | with carbonate, foliated dark green-brown quartzite, disseminated | | | | | | | | | | | |
| | | | pyrite, minor chalcopyrite, light pink-brown garnets, contorted | | | | | | | | | | | |
| | | | foliation. | | | | | | | | | | | |
| | | | 32.5'-34.5' - quartz veined zone, vein crosscutting foliation at | 32.5' | 34.5' | 2.0' | 15885 | 0.010 | L0.02 | | | | | |
| | | | 60°, smoky white quartz with pyrrhotite-chalcopyrite, garnetiferous | | | | | | | | | | | |
| | | | chlorite schist caught up in quartz zone, high relief carbonate | | | | | | | | | | | |
| | | | 34.0'. Pyrite from 32.0'-34.0', pyrrhotite with chalcopyrite | | | | | | | | | | | |
| | | | from 34.0'. | | | | | | | | | | | |
| | | | 34.5'-36.0' - dark green-brown laminated quartzite, increased | | | | | | | | | | | |
| | | | pyrrhotite and chalcopyrite foliation/laminations - talcose | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.5' | 38.0' | (cont.) | chlorite - (soapstone veins), also quartz-feldspar laminations, | | | | | | | | | | | |
| | | | minor crinkles. | | | | | | | | | | | |
| | | | 36.0'-38.0' - quartz-carbonate vein zone, 36.0'-37.0' - quartz | 36.0' | 38.0' | 2.0' | 15886 | 0.005 | L0.02 | | | | | |
| | | | carbonate vein at $10^{\circ}$-$20^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 37.5'-38.0' - quartz vein at $70^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 38.0' | 42.0' | 4.0' | Foliated dark green chlorite garnet quartzite, quartz feldspars, | | | | | | | | | | | |
| | | | minor quartz stringers parallel to foliation. Foliation at | | | | | | | | | | | |
| | | | $30^{\circ}$-$35^{\circ}$ to core axis, much pyrrhotite - to 20% in part. | | | | | | | | | | | |
| | | | 39.0'-41.0' - quartz stringer, stronger pyrite and pyrrhotite | | | | | | | | | | | |
| | | | in laminations. | | | | | | | | | | | |
| | | | 41.0'-41.5' - quartz vein 0.5' across at $20^{\circ}$ to core axis, | | | | | | | | | | | |
| | | | healed shear. | | | | | | | | | | | |
| | | | 41.5'-42.0' - contact, contorted chloritic biotite quartzite- | | | | | | | | | | | |
| | | | carbonate. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 42.0' | 57.0' | 15.0' | Dark brownish-green biotite quartzite, siliceous, chloritic | | | | | | | | | | | |
| | | | with chlorite stringers, in fine grained quartz feldspar groundmass, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au | ASSAYS Ag |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton |
| 42.0' | 57.0' | (cont.) | much decreased pyrrhotite content. | | | | | | |
| | | | 42.0'-44.0' - strongly biotitic quartzite, biotite content and | | | | | | |
| | | | pyrrhotite content decreases. | | | | | | |
| | | | 44.0'-50.0' - fine grained chloritic biotite quartzite, foliation | | | | | | |
| | | | at 30°, disseminated pyrrhotite parallel to foliation, | | | | | | |
| | | | approx. 5-10% content. | | | | | | |
| | | | 50.0'-51.0' - bluish translucent quartz vein, contacts at 35° | 50.0' | 51.0' | 1.0' | 15887 | L0.002 | 0.04 |
| | | | to core axis, minor disseminated pyrite. | | | | | | |
| | | | 51.0'-56.5' - chloritic biotite quartzite, siliceous zone with | | | | | | |
| | | | quartz stringers around 54.0'-56.0'. 56.5'-57.0' - quartz vein | | | | | | |
| | | | contacts at 50° with blebs pyrite on footwall contact. | 56.5' | 57.5' | 1.0' | 15888 | 0.390 | 0.04 |
| | | | . | | | | | | |
| 57.0' | 68.0' | 11.0' | Dark grey-green foliated quartzite, chloritic biotite quartzite, | | | | | | |
| | | | siliceous zones with quartz veins, healed shear zone, disseminated | | | | | | |
| | | | pyrrhotite. | | | | | | |
| | | | 57.0'-62.0' - faintly foliated chloritic quartzite, biotite schist, | | | | | | |
| | | | foliated at 20° to core axis, disseminated pyrrhotite. | | | | | | |
| | | | 62.0'-63.0' - healed shear, quartz filled, at 10°-20° to core axis. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57.0' | 68.0' | (cont.) | quartz carbonate. | | | | | | | | | | | |
| | | | 63.0'-64.0' - finely laminated dark biotite quartzite, contact at | | | | | | | | | | | |
| | | | 64.0' at 30° to core axis with speckled feldspar alteration. | | | | | | | | | | | |
| | | | 64.0'-67.0' - healed shear, quartz veins with chloritic | 64.0' | 66.0' | 2.0' | 15889 | 3.250 | 0.22 | | | | | |
| | | | schlieren, pyrite, pyrrhotite and chalcopyrite, disseminated | 66.0' | 68.0' | 2.0' | 15889 | 0.105 | 0.06 | | | | | |
| | | | pyrite. | | | | | | | | | | | |
| | | | 67.0'-68.0' - healed shear margin, laminated/foliated at 30° | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 68.0' | 98.5' | 30.5' | Dark grey-green siliceous chloritic quartzite, foliated - | | | | | | | | | | | |
| | | | laminated with zones of quartz veining, chlorite biotite quartz | | | | | | | | | | | |
| | | | feldspar quartzite. Foliation at 25°-30° to core axis. | | | | | | | | | | | |
| | | | Disseminated pyrrhotite, minor pyrite. | | | | | | | | | | | |
| | | | 68.0'-72.0' - laminated chloritic biotite quartzite, laminated | | | | | | | | | | | |
| | | | to 1-2 mm at 20° to core axis. | | | | | | | | | | | |
| | | | 72.0'-85.0' - chloritic quartzite, foliated, alternating biotite | | | | | | | | | | | |
| | | | laminations, chloritic bands, disseminated pyrrhotite, foliation | | | | | | | | | | | |
| | | | at 20° to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | Ag | | | | | |
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 68.0' | 98.5' | (cont.) | 85.0'-90.0' - increase in quartz feldspar bands parallel to | | | | | | | | | | | |
| | | | foliation, chloritic bands, disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 90.0'-93.5' - healed fracture zone in dark brown biotite | | | | | | | | | | | |
| | | | quartzite, disseminated pyrrhotite, quartz stringers at varying | | | | | | | | | | | |
| | | | angles from $20^{\circ}$-$90^{\circ}$ to core axis. 93.5' - thin quartz chlorite | | | | | | | | | | | |
| | | | vein at $30^{\circ}$ with pyrrhotite. | | | | | | | | | | | |
| | | | 93.5'-98.5' - dark brown pyrrhotite rich biotite quartzite, | | | | | | | | | | | |
| | | | chlorite bands, foliation at $10^{\circ}$-$15^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 98.5' | 102.0' | 3.5' | Healed shear/fracture with quartz veins from 98.5'-100.2'. | 98.5' | 100.0' | 1.5' | 15891 | 0.010 | L0.02 | | | | | |
| | | | 100.2'-102.0' - foliated speckled quartzite, chlorite biotite | | | | | | | | | | | |
| | | | feldspar blebs, foliation at $20^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 102.0' | 120.0' | 18.0' | Dark brown, medium grained, roughly foliated quartzite, quartz | 109.0' | 110.5' | 1.5' | 15892 | 0.015 | L0.02 | | | | | |
| | | | stringers, disseminated pyrrhotite, biotite-quartz-feldspar | 110.5' | 112.0' | 1.5' | 15893 | 0.020 | 0.02 | | | | | |
| | | | quartzite, minor chlorite, increasing chlorite to 116.0'. | | | | | | | | | | | |
| | | | Silicified zones with quartz veins + pyrrhotite with chalcopyrite, | | | | | | | | | | | |
| | | | laminated quartzite with pyrrhotite + quartz stringers to 120.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102.0' | 120.0' | (cont.) | 102.0'-106.0' - biotite quartzite, minor pyrrhotite, | | | | | | | | | | | |
| | | | occasional quartz stringers parallel to foliation. | | | | | | | | | | | |
| | | | Foliation at 35° to core axis. | | | | | | | | | | | |
| | | | 106.0'-108.0' - biotite quartzite, foliation at 20°, quartz | | | | | | | | | | | |
| | | | carbonate stringer with pyrrhotite-pyrite at 10° to core axis. | | | | | | | | | | | |
| | | | Pyrrhotite on planes. | | | | | | | | | | | |
| | | | 108.0' - healed shear, quartz carbonate vein/shear, chlorite, | | | | | | | | | | | |
| | | | pyrrhotite-pyrite-chalcopyrite. | | | | | | | | | | | |
| | | | 109.5'-112.0' - silicified zone, healed shear? quartz veins with | | | | | | | | | | | |
| | | | pyrrhotite, chalcopyrite and pyrite. | | | | | | | | | | | |
| | | | Visible gold at 110.5'. Chlorite quartz carbonate 110.5'-111.5' | | | | | | | | | | | |
| | | | with quartz veins. | | | | | | | | | | | |
| | | | 112.0'-113.0' - foliated biotite quartzite, chlorite, silicified. | | | | | | | | | | | |
| | | | 113.0'-114.5' - quartz vein in silicified zone, pyrrhotite- | 113.0' | 114.5' | 1.5' | 15894 | L0.002 | L0.02 | | | | | |
| | | | chalcopyrite-pyrite. | | | | | | | | | | | |
| | | | 114.5' - more chloritic biotite quartzite, pyrrhotite disseminated, | | | | | | | | | | | |
| | | | foliation/laminations at 20° to core axis. | | | | | | | | | | | |
| | | | 114.5'-118.5' - dark green-brown quartzite, chloritic biotite schist. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No | Au | Ag |
| 102.0' | 120.0' | (cont.) | 118.5'-120.0' - lighter bands/laminae, quartz-feldspar laminae, | | | | | oz/ton | oz/ton |
| | | | biotite rich bands with chlorite, minor pyrrhotite, foliation | | | | | | |
| | | | at 20° to core axis. | | | | | | |
| | | | | | | | | | |
| 120.0' | 130.0' | 10.0' | Silica flooded, healed shear with quartz veins and stringers, | 120.0' | 122.0' | 2.0' | 15895 | L0.002 | L0.02 |
| | | | disseminated pyrrhotite-pyrite. | | | | | | |
| | | | 120.0'-122.0' - quartz vein at 50° to core axis - upper contact, | | | | | | |
| | | | diffuse lower contact at 121.0' to quartz vein parallel foliation at | | | | | | |
| | | | 122.0', foliation at 40° to core axis. | | | | | | |
| | | | 122.0'-123.5' - dark biotite rich quartzite, much disseminated | | | | | | |
| | | | pyrrotite with accessory chalcopyrite. | | | | | | |
| | | | 123.5'-126.0' - more chloritic biotite quartzite, series of | | | | | | |
| | | | quartz veins at 30° to core axis, at 125.0' & 124.0', minor | | | | | | |
| | | | pyrite, pyrrhotite commoner, chlorite bands. | | | | | | |
| | | | 126.0'-130.0' - chloritic foliated quartzite, quartz stringers | | | | | | |
| | | | at medium angles, foliation at 25° to core axis. | | | | | | |
| | | | | | | | | | |
| 130.0' | 157.0' | 27.0' | Dark brown to dark green-brown foliated/laminated quartzite, | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 12, 1985

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 130.0' | 157.0' | (cont.) | lighter zones with silicification and quartz veining, quartz | | | | | | | | | | | |
| | | | stringer zones, carbonate stringer zones and healed shear zones, | | | | | | | | | | | |
| | | | disseminated pyrrhotite and accessory chalcopyrite, pyrite | | | | | | | | | | | |
| | | | associated with quartz veining, "foliation" generally at $25^{\circ}$ | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | 130.0'-137.0' - dark brown biotite rich foliated quartzite, | | | | | | | | | | | |
| | | | disseminated pyrrhotite-pyrite sub-equal amounts quartz stringers. | | | | | | | | | | | |
| | | | 137.0'-143.0' - dark green-brown chloritic biotite quartzite, | | | | | | | | | | | |
| | | | silicified quartz vein 1" at 137.0' at $45^{\circ}$ to core axis, | | | | | | | | | | | |
| | | | carbonate vein at 138.0' at $5^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 139.0'-140.5' - silicified zone, quartz veins/blebs with specks | | | | | | | | | | | |
| | | | pyrite, chalcopyrite. | | | | | | | | | | | |
| | | | 143.0' - quartz vein, 1" at $50^{\circ}$ to core axis, pyrite on fracture | | | | | | | | | | | |
| | | | faces, with chalcopyrite specks. 143.0'-147.0' - dark green-brown | | | | | | | | | | | |
| | | | quartzite, foliation at $30^{\circ}$ to core axis, fine laminated biotite | | | | | | | | | | | |
| | | | laminae, disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 147.0'-149.0' - silicified zone, quartz "vein" at 147.8'-148.9', | 147.5' | 148.5' | 1.0' | 15896 | L0.002 | 0.10 | | | | | |
| | | | at $80^{\circ}$ to core axis with much disseminated and vein pyrrhotite | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 12, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 130.0' | 157.0' | (cont.) | with chalcopyrite. | | | | | | | | | | | | |
| | | | 149.0'-157.0' - laminated dark green-brown quartzite, laminae of quartz feldspar - light coloured, crinkled foliation at 35° to core axis. 154.0'-156.0' - contorted foliation with quartz carbonate veining at 10° to core axis. | | | | | | | | | | | | |
| 157.0' | 166.0' | 9.0' | Finely laminated grey-brown quartzite, laminae/foliation at 30°-35°, suspect "fold" closures, lighter coloured quartz feldspar segreations in layers/bands parallel to laminae/foliation, disseminated pyrrhotite with chalcopyrite. | | | | | | | | | | | | |
| 166.0' | 174.0' | 8.0' | Dark brown laminated to finely laminated quartzite, patches and blebs, veins of carbonate, alteration?, foliation at 20° to core axis to 40° to core axis, disseminated pyrrhotite on laminae/foliation. | | | | | | | | | | | | |
| | | | 174.0' - 1" quartz vein at 90° to core axis, pyrite on contacts. | | | | | | | | | | | | |
| 174.0' | 214.0' | 40.0' | Healed shear zone, dark brown laminated quartzite, green-brown | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 12, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 174.0' | 214.0' | (cont.) | foliated quartzite, quartz veins, silicified zones with | | | | | | |
| | | | quartz-carbonate veining, chloritic zones associated silicified | 185.0' | 187.5' | 2.5' | 15897 | L0.002 | 0.06 |
| | | | breccia/fracture zones, disseminated pyrrhotite with chalco- | | | | | | |
| | | | pyrite, pyrite associated quartz veins. | | | | | | |
| | | | 174.0'-175.0' - quartz vein parallel foliation at 75° to core | | | | | | |
| | | | axis, very minor pyrrhotite. | | | | | | |
| | | | 175.0'-184.0' - dark green quartzite, chloritic, biotite laminae, | | | | | | |
| | | | foliation at 30° to core axis, quartz-carbonate stringers in part. | | | | | | |
| | | | 184.0'-187.5' - healed shear zone, quartz vein to 0.5' with | | | | | | |
| | | | disseminated pyrrhotite-chalcopyrite, biotite schlieren + chlorite | | | | | | |
| | | | bands/laminae, quartz-carbonate veining at 45°-50° to core axis. | | | | | | |
| | | | 187.5'-191.0' - fine grained, faintly foliated, foliated, massive | | | | | | |
| | | | dark green quartzite, foliation at 40° to core axis, minor | | | | | | |
| | | | disseminated pyrrhotite. | | | | | | |
| | | | 191.0'-199.0' - grey-green dark and light coloured silicified | 197.0' | 199.0' | 1.0' | 15898 | L0.002 | L0.02 |
| | | | healed shear zone with quartz veining +. stringers, blebs quartz | | | | | | |
| | | | + disseminated pyrrhotite-pyrite, veining/shearing at approximately | | | | | | |
| | | | 20° to core axis. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 12, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 174.0' | 214.0' | (cont.) | 199.0'-210.0' - silicified shear zone, quartz carbonate veining | | | | | | |
| | | | at 201.0'-203.0' at 20° to core axis, from 205.0'-206.0' and | 201.0' | 202.0' | 1.0' | 15889 | L0.002 | L0.02 |
| | | | 207.0'-207.5' - veins at approximately 25° to core axis, | 205.0' | 207.5' | 2.5' | 15900 | L0.002 | L0.02 |
| | | | quartzite with broken up laminae, brecciated laminae, contorted | | | | | | |
| | | | foliation, 210.0'-214.0' - faintly laminated dark brown | | | | | | |
| | | | quartzite, slightly chloritic, biotite, disseminated pyrrhotite, | | | | | | |
| | | | laminae at 25° to core axis. | | | | | | |
| | | | | | | | | | |
| 214.0' | 224.0' | 10.0' | Massive, faintly laminated quartzite, medium grey-green, faint | | | | | | |
| | | | foliation at 40° to core axis to 219.0', then 219.0'-224.0' | | | | | | |
| | | | laminated quartzite, laminae at 20° to core axis, minor | | | | | | |
| | | | disseminated pyrrhotite. | | | | | | |
| | | | | | | | | | |
| 224.0' | 242.0' | 18.0' | Medium green-brown laminated quartzite, quartz stringers at low | | | | | | |
| | | | angles 15°-25° to core axis, foliation at 30° to core axis, | | | | | | |
| | | | becomes more chloritic to 242.0'. | | | | | | |
| | | | | | | | | | |
| 242.0' | 246.0' | 4.0' | Dark blue-green-grey quartzite, banded/laminated at 20° to core | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 12, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 242.0' | 246.0' | (cont.) | axis, quartz vein ½" with pyrite at 20°/parallel/ to core axis | | | | | | | | | | | |
| | | | at 245.0', "bands"/laminae chlorite/biotite - quartz feldspathic. | | | | | | | | | | | |
| | | | 246.0' - End of Hole. | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

| COLLAR: | |
|---|---|
| | 38+25N |
| | 31+35E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 12-13, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD | ACID ETCH | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 105° | -60° |
| 295' | 105° | -54° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test depth extension of surface veins

HOLE No DDH-85-2
CLAIM NAME No. EO 652301
COMMENCED Feb. 10, 1985
FINISHED Feb. 12, 1985
FINAL DEPTH 295.0'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No | Au oz/ton | Ag oz/ton | | | | | |
| 0' | 4.0' | 0' | Overburden. | | | | | | | | | | | |
| 4.0' | 6.0' | 1.0' | Oxidized broken ground. | | | | | | | | | | | |
| 6.0' | 10.0' | 4.0' | Bleached, broken, quartz with biotite schist, very pyritic, | | | | | | | | | | | |
| | | | foliation at 20°. | | | | | | | | | | | |
| 10.0' | 17.5' | 5.0' | Siliceous and quartz veined zone, 10.0'-11.5' - quartz stringers | | | | | | | | | | | |
| | | | parallel to foliation at 40° - displaced foliation, bluish | 11.5' | 16.0' | 4.5' | 15901 | 0.130 | 0.34 | | 2.0' | Recovered | | |
| | | | quartz veins, disseminated pyrite. 11.5'-17.0' - massive | 16.0' | 17.5' | 1.5' | 15902 | 0.120 | 0.06 | | | | | |
| | | | quartz vein, vuggy in part, very pyritic, oxidized zones. | | | | | | | | | | | |
| | | | Massive pyrite 11.5'-12.0', oxide at 13.0'-13.5' and at 16.0'. | | | | | | | | | | | |
| | | | Bottom contact at 30° to core axis. | | | | | | | | | | | |
| 17.5' | 28.0' | 10.5' | Contorted, banded, dark brown-grey quartzite, biotite rich, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.5' | 28.0' | (cont.) | very pyrrhotite rich, pyrrhotite to 50%, disseminated and in | | | | | | | | | | | | |
| | | | bands, highly magnetic, quartz veins in part, foliation at 70° | | | | | | | | | | | | |
| | | | at 26.0' and 35° at 23.0', quartz carbonate veins, quartz | | | | | | | | | | | | |
| | | | "boudin" at 19.5' 20.7' - 0.2' pyrite-carbonate vein at 75° | | | | | | | | | | | | |
| | | | to core axis. 20.5'-21.0' - quartz veins at 60° and 90° to core | | | | | | | | | | | | |
| | | | axis, 1", contorted foliation, associated quartz carbonate | | | | | | | | | | | | |
| | | | stringers around 21.0' and 22.0'. | | | | | | | | | | | | |
| | | | 27.0'-28.0' - quartz veins at 70° to core axis at 27.0', and | | | | | | | | | | | | |
| | | | 0.5' quartz carbonate vein at 30° to core axis, pyritic. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 28.0' | 49.0' | 21.0' | Dark brown pyrrhotite rich quartzite, garnetiferous schist, | | | | | | | | | | | | |
| | | | quartz veins in silicified zones, massive dark green faintly | | | | | | | | | | | | |
| | | | laminated quartzite. | | | | | | | | | | | | |
| | | | 28.0'-31.5' - laminated dark brown quartzite, 25%-30% pyrrhotite | | | | | | | | | | | | |
| | | | disseminated and in bands, lamination at 45° to core axis, | | | | | | | | | | | | |
| | | | increasing garnet content. | | | | | | | | | | | | |
| | | | 31.5'-36.0' - garnet rich schist, silicified, garnet-chlorite- | | | | | | | | | | | | |
| | | | pyrrhotite schist, foliation at varying angles from 25° to 65° | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 28.0' | 49.0' | (cont.) | to core axis, quartz veining at 70° to core axis at 31.5', 33.0' | | | | | | |
| | | | and 36.0', pyrrhotite associated or replacing garnet in part. | | | | | | |
| | | | 36.0'-38.0' - massive faintly foliated silicified schist/quartzite, | | | | | | |
| | | | foliation at 60° to core axis, carbonate laminae at 37.0'. | | | | | | |
| | | | 38.0'-49.0' - massive silicified chlorite-biotite schist/quartzite, | | | | | | |
| | | | foliation at 35° to core axis, laminated mixed chlorite and lesser | | | | | | |
| | | | biotite in quartz-feldspar groundmass, foliation, schlieren at | | | | | | |
| | | | 35° to core axis, disseminated pyrrhotite to 5%-10% throughout. | | | | | | |
| | | | | | | | | | |
| 49.0' | 78.0' | 29.0' | Dark greenish-brown faintly foliated to laminated, siliceous | | | | | | |
| | | | schist/quartzite, chlorite-biotite schist in part, foliation | | | | | | |
| | | | generally at 30°-40° to core axis, silicified zones with quartz | | | | | | |
| | | | veins, disseminated pyrrhotite, with pyrite associated quartz | 50.0' | 51.0' | 1.0' | 15903 | L0.002 | L0.06 |
| | | | veins + silicified zones. | | | | | | |
| | | | 49.0'-60.0' - foliated quartzite, chlorite-biotite "quartz-sericite" | | | | | | |
| | | | foliation at low angles 20°-25° to core axis. | | | | | | |
| | | | Silicified zones at from 49.0'-51.0', 53.0'-54.0', 56.0'-57.0', | 56.0' | 57.0' | 1.0' | 15904 | 0.150 | 0.02 |
| | | | 59.0'-60.0'. Pyrite associated quartz veins, with pyrrhotite | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 49.0' | 78.0' | (cont.) | and exsolved chalcopyrite, visible gold specks with pyrite at | | | | | | | | | | | |
| | | | 56.5' - vein at 50$^{o}$ to core axis at 56.0'. | | | | | | | | | | | |
| | | | 60.0'-62.0' - dark brown biotite-pyrrhotite quartzite, foliation | | | | | | | | | | | |
| | | | at 35$^{o}$ to core axis, much disseminated pyrrhotite, biotite. | | | | | | | | | | | |
| | | | 62.0'-65.5' - foliated chloritic biotite quartzite, foliation at | | | | | | | | | | | |
| | | | 30$^{o}$ to core axis, disseminated pyrrhotite and associated | | | | | | | | | | | |
| | | | exsolved chalcopyrite. | | | | | | | | | | | |
| | | | 65.5'-72.5' - laminated quartzite, laminae of chlorite-biotite- | | | | | | | | | | | |
| | | | pyrrhotite with light grey quartz feldspar laminae associated | | | | | | | | | | | |
| | | | disseminated pyrite (minor), pyrrhotite + chalcopyrite laminae | | | | | | | | | | | |
| | | | at 35$^{o}$ to core axis. Quartz veins at 65.5', 67.8', 68.0', 69.0' | | | | | | | | | | | |
| | | | and 70.0' to 72.5" - quartz carbonate stringers with quartz zones. | | | | | | | | | | | |
| | | | 72.5'-78.0' - dark brown faintly laminated quartzite, chlorite- | | | | | | | | | | | |
| | | | biotite-pyrrhotite laminae + disseminated laminations at | | | | | | | | | | | |
| | | | 10$^{o}$-20$^{o}$ to core axis, quartz carbonate stringers at low angles. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 78.0' | 93.0' | 15.0' | Dark brown faintly laminated quartzite, biotite rich with | | | | | | | | | | | |
| | | | pyrrhotite, silicified zones with quartz veins and pyrite, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 78.0' | 93.0' | (cont.) | quartz carbonate stringers. | | | | | | | | | | | |
| | | | 76.0'-82.0' - chloritic biotite quartzite, faint laminations at | | | | | | | | | | | |
| | | | 20° to core axis, minor pyrrhotite from 78.0'-81.0', increases | | | | | | | | | | | |
| | | | to 81.0'. | | | | | | | | | | | |
| | | | 82.0'-93.0' - slightly bleached silicified zones in dark brown | | | | | | | | | | | |
| | | | biotite quartzite, much increased chlorite, disseminated | | | | | | | | | | | |
| | | | pyrrhotite, quartz veins at 82.5' with pyrite and quartz carbonate | | | | | | | | | | | |
| | | | from 85.0'-87.0' - stringers, 89.0'-90.0' - quartz carbonate | | | | | | | | | | | |
| | | | stringers at 55° to core axis, pyrite associated. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 93.0' | 99.0' | 6.0' | Lighter grey-green quartzite, minor biotite in laminations, mainly | | | | | | | | | | | |
| | | | chlorite, very faint laminations at 30° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 99.0' | 106.0' | 7.0' | Silicified zone, grey quartzite, bleached chlorite laminae, also | 99.0' | 100.0' | 1.0' | 15905 | L0.002 | 0.02 | | | | | |
| | | | biotite, fine grained, disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 99.0'-99.5' - quartz vein - crosscutting laminae, at 35° but cut | 103.0' | 104.5' | 1.5' | 15906 | 0.010 | L0.02 | | | | | |
| | | | by shear/joint and offset - shear at 30° to core axis - pyrite + | 104.5' | 106.0' | 1.5' | 15907 | 0.005 | L0.02 | | | | | |
| | | | chalcopyrite associated shear where cuts quartz vein. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99.0' | 106.0' | (cont.) | 99.5'-103.5' - chloritic quartzite, faint lamination at 45° to | | | | | | | | | | | | |
| | | | core axis, minor biotite, pyrrhotite. | | | | | | | | | | | | |
| | | | 103.5'-105.5' - quartz vein zone, quartz flooding, pyrite on | | | | | | | | | | | | |
| | | | fractures + disseminations, some quartz carbonate and chlorite | | | | | | | | | | | | |
| | | | schlieren. | | | | | | | | | | | | |
| | | | 105.5'-106.0' - laminated chlorite quartzite. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 106.0' | 115.0' | 9.0' | Medium green-brown quartzite, faint lamination, generally at 20° | | | | | | | | | | | | |
| | | | to core axis, minor biotite, mostly chloritic, siliceous, quartz | | | | | | | | | | | | |
| | | | carbonate stringers at low angles - parallel to lamination | | | | | | | | | | | | |
| | | | with minor pyrite, disseminated pyrrhotite throughout. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 115.0' | 136.0' | 21.0' | Dark greenish brown quartzite, laminated, disseminated pyrrhotite | | | | | | | | | | | | |
| | | | on laminations, lamination at 5°-10° to core axis throughout, | | | | | | | | | | | | |
| | | | quartz stringers at 120.0' and 121.0' to 122.0', from 133.0'- | | | | | | | | | | | | |
| | | | 135.0' series quartz carbonate stringers parallel to lamination, | | | | | | | | | | | | |
| | | | minor pyrite. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 136.0' | 159.0' | 23.0' | Similar dark greenish brown, finely laminated quartzite, fair | | | | | | | | | | | |
| | | | amount disseminated pyrrhotite on laminations, laminations | | | | | | | | | | | |
| | | | generally at $20^o$ to core axis, chlorite and thinner biotite | | | | | | | | | | | |
| | | | laminations, silicified zones with quartz veining, pyrrhotite | | | | | | | | | | | |
| | | | and chalcopyrite on margins with pyrite associated quartz veins. | | | | | | | | | | | |
| | | | 136.0'-137.5' - quartz veins at $45^o$ to core axis (top and bottom | 136.0' | 137.5' | 1.5' | 15908 | 0.002 | 0.02 | | | | | |
| | | | contacts), finely disseminated pyrite and pyrrhotite, minor | | | | | | | | | | | |
| | | | chalcopyrite. 140.0'-141.0' - similar quartz veins at $5^o$ to | | | | | | | | | | | |
| | | | core axis. 148.0'-149.0' - quartz vein at $5^o$ to core axis. | | | | | | | | | | | |
| | | | 151.5' - quartz carbonate vein with pyrite. 157.0'-159.0' - series | | | | | | | | | | | |
| | | | quartz carbonate stringers parallel to laminations. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 159.0' | 214.0' | 55.0' | Dark brown quartzite, healed shear zone, some cut throughout | | | | | | | | | | | |
| | | | by quartz feldspar or quartz carbonate veins and laminae - parallel | | | | | | | | | | | |
| | | | to laminations, at $40^o$ to core axis throughout, much disseminated | | | | | | | | | | | |
| | | | pyrrhotite and exsolved chalcopyrite throughout, pyrite on fractures | | | | | | | | | | | |
| | | | in quartz veins, chloritic in part and as laminations, mainly | | | | | | | | | | | |
| | | | biotite rich. | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 159.0' | 214.0' | (cont.) | 159.0'-166.0' - contorted crinkle laminations at 40° to core axis, quartz veins at 160.0', 162.0' + 163.5'. 166.0'-171.0' - slightly bleached, quartz stringers and veins parallel to laminations at 168.0', 169.0', 171.0'-172.0'. 173.0'-186.0' - quartz zones with bleached quartzite at 177.0', 179.0'-180.0', and 183.0'-183.5'. | | | | | | | | | | | |
| | | | 186.0'-196.0' - quartz veined zones at 188.0'-190.0' and 195.0'-196.0'. At 189.0' - pyrite on fracture and as narrow vein at 80° to core axis, in quartz vein 0.5' width at 70° to core axis. | | | | | | | | | | | |
| | | | 196.0'-206.0' - increased quartz, quartz carbonate and quartz feldspar stringers/veins parallel to lamination at 50° to core axis, much increased 201.0'-202.0', massive vein pyrite at 203.0' at 40° to core axis. 206.0'-214.0' - lighter coloured, more chloritic and silicified quartzite, lamination at 40°-50° to core axis, quartz vein to 0.25' at 214.0'. | | | | | | | | | | | |
| 214.0' | 220.0' | 6.0' | Coarsely laminated quartzite, laminations are veins/segregations of quartz + quartz feldspar parallel to laminations at 60° to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220.0' | 240.0' | 20.0' | Dark brown quartzite, laminated in part, laminations at high | | | | | | | | | | | |
| | | | angles $60^{\circ}$-$80^{\circ}$ to core axis, disseminated pyrrhotite throughout, | | | | | | | | | | | |
| | | | quartz veins at 224.0' at $70^{\circ}$ to core axis, at 232.0' at $10^{\circ}$ | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | 238.0'-239.5' - increased brecciation, healed, with quartz | | | | | | | | | | | |
| | | | stringers with pyrite, pyrrhotite + chalcopyrite. | | | | | | | | | | | |
| | | | 239.5'-240.0' - quartz veins in silicified zone, large pyrite, | 239.5' | 242.5' | 3.0' | 15909 | 0.170 | 0.04 | | | | | |
| | | | pyrrhotite + chalcopyrite crystals. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 240.0' | 246.0' | 6.0' | Large quartz vein, white quartz with disseminated pyrite, | | | | | | | | | | | |
| | | | pyrrhotite and pyrrhotite plus chalcopyrite on borders. | | | | | | | | | | | |
| | | | Upper contact at 240.6' at $80^{\circ}$ to core axis. Lower contact at | | | | | | | | | | | |
| | | | 242.2' at $80^{\circ}$-$85^{\circ}$ to core axis - crosscutting but margins are | | | | | | | | | | | |
| | | | sheared schistose and parallel. 240.0'-240.5' - much pyrite, | | | | | | | | | | | |
| | | | pyrrhotite + chalcopyrite crystals on margin. 240.6'-242.2' - | | | | | | | | | | | |
| | | | quartz vein. 242.2'-243.4' - sheared + quartz carbonate veined | | | | | | | | | | | |
| | | | parallel to contact. 243.0'-246.0' - biotite "schist", foliation | | | | | | | | | | | |
| | | | at $30^{\circ}$ to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au | ASSAYS Ag |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton |
| 246.0' | 257.0' | 11.0' | Healed shear zone, light grey and dark brown quartzite, contorted foliation/shear planes, quartz carbonate + quartz feldspar filled shear. | | | | | | |
| | | | 246.5'-250.0' - contorted, chloritic biotite quartzite quartz carbonate/quartz feldspar filled, shear at 10° to 30° to core axis. | | | | | | |
| | | | 250.0'-254.0' - chloritic quartz carbonate "shear" planes at 30° to core axis, parallel "veins", very minor pyrrhotite, minor pyrite. | | | | | | |
| 257.0' | 265.0' | 8.0' | Dark brown, biotite "schist"/quartzite, foliation at 35° to core axis, cut numerous quartz and quartz/carbonate veins parallel to foliation, more-so to 265.0'. | | | | | | |
| 265.0' | 267.0' | 2.0' | Quartz vein, disseminated pyrite, chalcopyrite from 265.2'-266.5', contacts - upper, diffuse, at approximately 30° to core axis, lower, sharp, at 40° to core axis. | 265.0' | 266.5' | 1.5' | 15910 | L0.002 | L0.02 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 13, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 267.0' | 285.0' | 22.0' | Dark brown quartzite, laminated, laminations at 35° to core axis, | | | | | | | | | | | |
| | | | some quartz carbonate veining parallel to lamination, much | | | | | | | | | | | |
| | | | decreased to minor pyrrhotite. 275.0'-276.0' - quartz carbonate | | | | | | | | | | | |
| | | | stringer at 5° to core axis. 280.0'-285.0' - increased | | | | | | | | | | | |
| | | | chlorite, decreased biotite becoming schistose. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 285.0' | 295.0' | 10.0' | Strongly laminated/foliated chlorite-biotite-schist, foliation | | | | | | | | | | | |
| | | | at 35° to core axis, feldspar laminae/bands/segregations, slight | | | | | | | | | | | |
| | | | increase in pyrrhotite on laminations. | | | | | | | | | | | |
| | | | 295.0' - End of Hole. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | | HOLE SURVEY | | |
|---|---|---|---|---|
| 38+75N | | METHOD: ACID ETCH | | |
| 31+55E | | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | | 0' | $105^{\circ}$ | $-50^{\circ}$ |
| CORE SIZE | BQ | 236' | $105^{\circ}$ | $-40^{\circ}$ |
| LOGGED BY | Gordon D. House | | | |
| DATE LOGGED | Feb. 14-16, 1985 | | | |
| MAP REFERENCE No. | 31C/12 | | | |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test down dip extension of surface veins

HOLE No. DDH-85-3
CLAIM NAME/No. EO 652301
COMMENCED Feb. 12, 1985
FINISHED Feb. 13, 1985
FINAL DEPTH 236.0'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 5.5' | 0' | Overburden. | | | | | | | | | | | |
| 0' | 7.0' | 0.25' | Casing. | | | | | | | | | | | |
| 7.0' | 18.0' | 10.0' | Dark brown and dark green-brown foliated siliceous schist, biotite chlorite schist, 7.0'-9.5' - foliation at $70^{\circ}$ to core axis, very minor disseminated pyrrhotite, 9.5'-10.0' - silicified zone, healed shear? at $25^{\circ}$ to core axis. 10.0'-18.0' - foliated schist, foliation at $20^{\circ}$ to core axis, quartz feldspar segregations parallel to foliation. | | | | | | | | | | | |
| 18.0' | 39.0' | 21.0' | Dark brown to dark green-brown and dark green foliated schist, slightly silicified, disseminated pyrrhotite with exsolved chalcopyrite in part especially at quartz veining or zones silicification, medium grained foliated schist, silicified zones with quartz | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED Feb. 14, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.0' | 39.0' | (cont.) | veining, very minor quartz stringer to 39.0'. | | | | | | | | | | | |
| | | | 18.0'-18.8' - silicified altered zone, quartz vein from 18.5'- | | | | | | | | | | | |
| | | | 18.8', disseminated pyrrhotite with chalcopyrite on edges, pyrite | | | | | | | | | | | |
| | | | on fractures, bleached schist hanging wall. Quartz vein at 20° | | | | | | | | | | | |
| | | | to core axis, slightly cross-cutting foliation at 20° to core | | | | | | | | | | | |
| | | | axis, about 10° cross-cutting. | | | | | | | | | | | |
| | | | 18.8'-26.0' - dark greenish-brown foliated biotite-chlorite | | | | | | | | | | | |
| | | | "schist," foliation at 15°-20° to core axis, very minor dissemi- | | | | | | | | | | | |
| | | | nated pyrrhotite. | | | | | | | | | | | |
| | | | 26.0'-39.0' - dark green-grey foliated "schist," foliation at | | | | | | | | | | | |
| | | | 0-5° to core axis, minor disseminated pyrrhotite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 39.0' | 42.5' | 3.5' | Silicified zone with quartz veining, healed shear zone, dark green | | | | | | | | | | | |
| | | | chlorite-biotite "schist," foliated to quartz vein, shear plug. | 39.0' | 40.0' | 1.0' | 15911 | 0.001 | 0.04 | | | | | |
| | | | 39.5'-40.8' - quartz vein, silicified shear/slip at 5°-10° to core | | | | | | | | | | | |
| | | | axis, disseminated pyrite - chalcopyrite associated, pyrite- | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite stringers parallel to "schist" foliation | | | | | | | | | | | |
| | | | from 39.0'-39.5'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 14, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.0' | 42.5' | (cont.) | 40.8'-41.0' - chlorite-biotite "schist," foliation at 10° to core | | | | | | | | | | | |
| | | | axis. | | | | | | | | | | | |
| | | | 41.0'-42.5' - pyritic + pyrrhotite rich stringers parallel to | 41.5' | 42.5' | 1.0' | 15912 | 0.003 | 0.09 | | | | | |
| | | | foliation at 30° to core axis, quartz vein at 40°-45° cuts | | | | | | | | | | | |
| | | | "schists" and stringers. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 42.5' | 45.5' | 3.0' | Laminated banded "schist," foliation at 20° to core axis, dark | | | | | | | | | | | |
| | | | green colour, silicified, pyrite + pyrrhotite on laminae, | | | | | | | | | | | |
| | | | quartz-carbonate laminae. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 45.5' | 47.0' | 1.5' | Quartz carbonate vein in silicified zone, within laminated schist. | | | | | | | | | | | |
| | | | 45.5'-46.0' - quartz carbonate vein, pyrite-pyrrhotite-chalcopyrite | | | | | | | | | | | |
| | | | forms half core so contact at 10° to 0° to 10° to core axis | | | | | | | | | | | |
| | | | over 0.4'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 47.0' | 50.0' | 3.0' | Healed shear zone, silicified, quartz carbonate veined + quartz | | | | | | | | | | | |
| | | | healed breccia zone. Contact at 47.0' at 25° - at 50.0' at 40°. | | | | | | | | | | | |
| | | | Chloritic silicified "schist" horsts in zone, mineralized pyrite, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 14, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47.0' | 50.0' | (cont.) | pyrrhotite and chalcopyrite and native gold, disseminated in | | | | | | | | | | | |
| | | | quartz carbonate vein and associated contacts and sulphide | 47.0' | 48.0' | 1.0' | 15913 | 0.245 | 0.02 | | | | | |
| | | | veins in quartz. Some gold associated chlorite stringers. | 48.0' | 49.0' | 1.0' | 15914 | 5.869 | 0.28 | | | | | |
| | | | Visible gold on drilled core surface, and disseminated in | 49.0' | 50.0' | 1.0' | 15915 | 0.305 | 0.05 | | | | | |
| | | | quartz on splitting. | | | | | | | | | | | |
| | | | 47.0'-47.8' - quartz carbonate vein, at 20° to core axis, | | | | | | | | | | | |
| | | | pyrrhotite + chalcopyrite, pyrite + gold. | | | | | | | | | | | |
| | | | 47.8'-48.2' - chlorite "schist," foliation parallel to vein | | | | | | | | | | | |
| | | | at 20°, stringers sulphides, pyrrhotite + chalcopyrite, pyrite | | | | | | | | | | | |
| | | | parallel to foliation. | | | | | | | | | | | |
| | | | 48.2'-49.2' - quartz carbonate vein, 48.2' contact at 35° to core | | | | | | | | | | | |
| | | | axis and 49.2' contact at 30° to core axis, disseminated + vein | | | | | | | | | | | |
| | | | pyrrhotite + chalcopyrite, pyrite, visible gold associated | | | | | | | | | | | |
| | | | sulphides + fully disseminated in quartz, nice gold nuggeteen | | | | | | | | | | | |
| | | | to 1 mm, associated chlorite bleb in quartz. | | | | | | | | | | | |
| | | | 49.2'-49.8' - silicified, bleached "schist," 49.8'-50.0' - quartz | | | | | | | | | | | |
| | | | carbonate vein, contacts at 40° to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 14, 1985

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 50.0' | 58.5' | 8.5' | Strongly foliated chlorite-biotite "schist," to silicified | | | | | | |
| | | | faintly foliated chlorite schist/quartzite, with quartz-feldspar | | | | | | |
| | | | laminations, minor disseminated pyrrhotite, foliation at 20° to | | | | | | |
| | | | core axis. | | | | | | |
| | | | 50.0'-54.5' - coarsely foliated chlorite-biotite schist, foliation | | | | | | |
| | | | at 20° to core axis, disseminated pyrrhotite. | | | | | | |
| | | | 54.5'-55.0' - quartz veined/silicified zone, quartz vein at 5° | | | | | | |
| | | | to core axis, increased pyrrhotite and chalcopyrite, pyrite + | | | | | | |
| | | | chalcopyrite. | | | | | | |
| | | | 55.0'-58.5' - faintly foliated chlorite schist, foliation at 30° | | | | | | |
| | | | to core axis. | | | | | | |
| | | | | | | | | | |
| 58.5' | 60.5' | 2.0' | Quartz vein, white partly translucent quartz, disseminated | 58.5' | 60.5' | 2.0' | 15916 | 0.200 | 0.07 |
| | | | pyrite-chalcopyrite, minor pyrrhotite, no visible gold noted. | | | | | | |
| | | | Contacts - upper at 40°, lower at 45°, pyrite on fractures. | | | | | | |
| | | | 59.0' - schist horst for 0.25' with 0.1' quartz vein parallel | | | | | | |
| | | | to upper contact. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 15, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.5' | 85.0' | 24.5' | Medium green quartzite, silicified "schist" in part, faintly | | | | | | | | | | | |
| | | | foliated, silicified zones and quartz veins, minor disseminated | | | | | | | | | | | |
| | | | pyrrhotite, increased pyrite, pyrrhotite + chalcopyrite in | | | | | | | | | | | |
| | | | silicified zones and quartz veins, pyrite stringers in part. | | | | | | | | | | | |
| | | | Some carbonate blebs with quartz stringers, some quartz carbonate | | | | | | | | | | | |
| | | | veins. | | | | | | | | | | | |
| | | | 60.5'-62.0' - silicified schist, minor pyrrhotite, foliation | | | | | | | | | | | |
| | | | parallel to quartz vein contacts at 40° to core axis. | | | | | | | | | | | |
| | | | 62.0'-63.0' - silicified zone, quartz vein, pyrite-chalcopyrite, | | | | | | | | | | | |
| | | | chloritic. | 62.0' | 63.0' | 1.0' | 15917 | 0.004 | 0.02 | | | | | |
| | | | 63.0'-73.0' - dark green quartzite, faintly foliated, chloritic, | | | | | | | | | | | |
| | | | minor biotite laminae + minor pyrrhotite disseminations, foliation | | | | | | | | | | | |
| | | | at 15° to core axis. | | | | | | | | | | | |
| | | | 73.0'-75.0' - silicified zone, quartz veined zone, upper contact | 72.5' | 75.0' | 2.5' | 15918 | 0.001 | 0.02 | | | | | |
| | | | sharp - at 55° to core axis, lower contact - diffuse at approxi- | 75.0' | 76.5' | 1.5' | 15919 | 1.094 | 0.29 | | | | | |
| | | | mately 30° to core axis. Disseminated pyrite-chalcopyrite, | 76.5' | 78.0' | 1.5' | 15920 | 0.002 | 0.01 | | | | | |
| | | | chlorite, vein is diffuse quartz, dark bluish-green, stringers | | | | | | | | | | | |
| | | | pyrrhotite, pyrite, chalcopyrite and fine grained disseminated | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 15, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.5' | 85.0' | (cont.) | pyrrhotite-chalcopyrite-pyrite throughout, suspect tellurides + | | | | | | | | | | | | |
| | | | fine grained visible gold. Visible gold noted at 74.0'. | | | | | | | | | | | | |
| | | | 75.0'-76.5' - silicified zone, quartzite with quartz carbonate | | | | | | | | | | | | |
| | | | vein at 20° to core axis carrying pyrite, chalcopyrite and | | | | | | | | | | | | |
| | | | visible gold along contacts and disseminated in silicified wall | | | | | | | | | | | | |
| | | | rock. | | | | | | | | | | | | |
| | | | 76.5'-80.0' - dark green-brown silicified zone, quartzite, | | | | | | | | | | | | |
| | | | faint foliation at 15°-20° to core axis, much disseminated | | | | | | | | | | | | |
| | | | pyrite-chalcopyrite, thin stringers pyrrhotite-chalcopyrite to | | | | | | | | | | | | |
| | | | 78.0', then decreasing to 80.0', blebs of carbonate alteration, | | | | | | | | | | | | |
| | | | minor biotite laminations. | | | | | | | | | | | | |
| | | | 80.0'-85.0' - dark green-brown quartzite, faintly foliated, | | | | | | | | | | | | |
| | | | foliation at 35° to core axis, minor disseminated pyrrhotite. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 85.0' | 98.0' | 13.0' | Dark green-brown quartzite, faint foliation, carbonate stringers | | | | | | | | | | | | |
| | | | parallel to foliation, carbonate zones, disseminated pyrrhotite + | | | | | | | | | | | | |
| | | | chalcopyrite in quartzite, pyrite, pyrrhotite + chalcopyrite | | | | | | | | | | | | |
| | | | associated quartz carbonate vein, chlorite-biotite-quartzite. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 15, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85.0' | 98.0' | (cont.) | 85.0'-86.5' - foliation at 25° to core axis, parallel quartz | | | | | | | | | | | |
| | | | carbonate stringers. | | | | | | | | | | | |
| | | | 85.6'-89.0' - foliation at 25° to core axis. | | | | | | | | | | | |
| | | | 89.0'-91.5' - zone quartz carbonate veins, stringers at 25° to | | | | | | | | | | | |
| | | | core axis parallel to foliation, increased pyrite on fractures, | | | | | | | | | | | |
| | | | vein surfaces, also pyrrhotite with chalcopyrite. | | | | | | | | | | | |
| | | | 91.5'-98.0' - foliation at 20° to core axis, biotite-chlorite- | | | | | | | | | | | |
| | | | quartzite, increased disseminated pyrrhotite + chalcopyrite, | | | | | | | | | | | |
| | | | also pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 98.0' | 108.0' | 10.0' | Dark brown biotite chlorite quartzite, foliated/laminations, | | | | | | | | | | | |
| | | | quartz veined, silicified zones with increased pyrite, pyrrhotite + | | | | | | | | | | | |
| | | | chalcopyrite. | | | | | | | | | | | |
| | | | 98.0'-100.0' - quartz vein system, at 20° to core axis dissemi- | | | | | | | | | | | |
| | | | nated and veined pyrrhotite + chalcopyrite, pyrite contorted | | | | | | | | | | | |
| | | | veining. | | | | | | | | | | | |
| | | | 100.0'-105.0' - foliated at 25°-30°, increasing quartz carbonate | | | | | | | | | | | |
| | | | stringers parallel to foliation to 105.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98.0' | 108.0' | (cont.) | 105.0'-108.0' - much increased quartz carbonate veining, parallel to foliation at $20^{\circ}$ to core axis, to quartz carbonate vein from 106.0'-106.8', pyrrhotite + chalcopyrite + pyrite - chalcopyrite on margins and disseminations. | | | | | | | | | | | |
| 108.0' | 117.0' | 11.0' | Medium green silicified chlorite quartzite/"schist," disseminated pyrrhotite + chalcopyrite, quartz carbonate feldspar laminae parallel to foliation, increasing to 167.0', foliation at $20^{\circ}$ to core axis, some sericite. | | | | | | | | | | | |
| | | | 115.0'-116.0' - carbonate chlorite veins with pyrite, chalcopyrite, pyrrhotite. | | | | | | | | | | | |
| 117.0' | 131.0' | 14.0' | Light to medium green, silicified, chloritic quartzite, foliated, minor quartz carbonate stringers parallel to foliation, quartz vein zones, increased laminations to 131.0'. | | | | | | | | | | | |
| | | | 122.5'-125.0' - series quartz veins to 1" at $80^{\circ}$-$90^{\circ}$ to core axis, very minor pyrite, foliation at $25^{\circ}$- $30^{\circ}$ to core axis, biotite laminae, some sericite with chlorite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 131.0' | 136.0' | 5.0' | Dark brown biotite rich quartzite, segregations of quartz feld- | | | | | | | | | | | | |
| | | | spars as blebs to 1-2 mm comprising 65% of rock, with biotite | | | | | | | | | | | | |
| | | | groundmass from 132.0'-135.0' - much disseminated pyrrhotite + | | | | | | | | | | | | |
| | | | chalcopyrite, pyrite plentiful on fractures, quartzose zone | | | | | | | | | | | | |
| | | | at 131.0'-131.5' and 135.5'-136.0'. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 136.0' | 151.0' | 15.0' | Medium to dark green quartzite, silicified zone with quartz | | | | | | | | | | | | |
| | | | veining, quartz carbonate veining and contorted foliation, | | | | | | | | | | | | |
| | | | laminated in part, diffuse quartzose healed breccia zone from | | | | | | | | | | | | |
| | | | 142.0'-143.5'. Chlorite laminations with disseminated pyrrhotite, | | | | | | | | | | | | |
| | | | biotite layers, pyrite on fractures and associated quartz veins. | | | | | | | | | | | | |
| | | | 136.0'-138.0' - quartzose healed shear, quartz veins at 136.0' | | | | | | | | | | | | |
| | | | and 138.0' at 80° to core axis. | | | | | | | | | | | | |
| | | | 138.0'-140.0' - chlorite laminations at 30° to core axis to 139.0', | | | | | | | | | | | | |
| | | | cut by quartz carbonate vein at 20° to core axis, associated | | | | | | | | | | | | |
| | | | pyrrhotite + chalcopyrite + pyrite, chloritic. | | | | | | | | | | | | |
| | | | 140.0'-142.0' & 143.5'-148.0' - laminated with chlorite bands 30° | | | | | | | | | | | | |
| | | | to core axis, disseminated pyrrhotite, quartzose laminations. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 136.0' | 151.0' | (cont.) | 148.0'-151.0' - increased quartz - quartz carbonate laminations/ | | | | | | | | | | | |
| | | | veining parallel to foliation at 30° to core axis, to quartz vein | | | | | | | | | | | |
| | | | at 151.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 151.0' | 167.0' | 16.0' | Dark green silicified laminated quartzite, chlorite-biotite | | | | | | | | | | | |
| | | | laminations, white quartz vein to 1.2', minor disseminated | | | | | | | | | | | |
| | | | sulphides, sulphides veins in wall rock, darker green-brown, | | | | | | | | | | | |
| | | | coarsely laminated biotite-chlorite-quartzite, increased | | | | | | | | | | | |
| | | | pyrrhotite disseminations, increased quartz feldspar and quartzose | | | | | | | | | | | |
| | | | laminations to 167.0'. | | | | | | | | | | | |
| | | | 151.0'-155.0' - series quartz veins in quartzose/silicified dark | | | | | | | | | | | |
| | | | green laminated quartzite, quartz vein at 151.0'-151.2' at 75° to | | | | | | | | | | | |
| | | | core axis, quartz veins at 152.1'-152.2' at 70° to core axis, | | | | | | | | | | | |
| | | | quartz vein at 153.9' to 155.0' at 70 to core axis at 153.9' | 153.9 | 155.0 | 1.1' | 15921 | 0.285 | 0.06 | | | | | |
| | | | and at 155.0' with carbonate and sulphides - pyrite, chalcopyrite, | | | | | | | | | | | |
| | | | pyrrhotite at lower contact. | | | | | | | | | | | |
| | | | 155.0'-160.0' - medium green-brown laminated quartzite, chlorite, | | | | | | | | | | | |
| | | | biotite and quartzose laminations at 30° to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 151.0' | 167.0' | (cont.) | 160.0'-167.0' - darker greenish-brown biotite-chlorite quartzite, | | | | | | | | | | | | |
| | | | foliation at 30° to core axis with suggestion foliation is | | | | | | | | | | | | |
| | | | axial plane of tight isoclinal microfolds, partially dismembered, | | | | | | | | | | | | |
| | | | i.e. foliation is $S_3$ or $S_4$. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 167.0' | 196.0' | 29.0' | Light to medium-green quartzite, laminated chlorite, minor | | | | | | | | | | | | |
| | | | biotite rich layers, quartzose layers, silicified in part, | | | | | | | | | | | | |
| | | | carbonate and quartz-carbonate vein, layers/bands and blebs | | | | | | | | | | | | |
| | | | in part, quartz veins and quartzose layers in part with healed | | | | | | | | | | | | |
| | | | silicified breccia zones. | | | | | | | | | | | | |
| | | | 167.0'-170.0' - biotite rich layers, chlorite layers, disseminated | | | | | | | | | | | | |
| | | | pyrrhotite + chalcopyrite with biotite, carbonate layers + | | | | | | | | | | | | |
| | | | stringers parallel to foliation at 20°-25° to core axis, | | | | | | | | | | | | |
| | | | thicker carbonate at 167.5' and 169.0', 169.2'-169.7' - quartz | | | | | | | | | | | | |
| | | | vein/zone with pyrite + carbonate - at 65° to core axis. | | | | | | | | | | | | |
| | | | 170.0'-172.8' - "speckled" quartzite, light green-grey, minor | | | | | | | | | | | | |
| | | | biotite, decreased pyrrhotite content, blebs +grains to 1 mm of | | | | | | | | | | | | |
| | | | quartz feldspar or a very light brown-grey metamorphic mineral, | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 167.0' | 196.0' | (cont.) | foliation at 35° to core axis. | | | | | | | | | | | |
| | | | 172.8'-176.0' - silicified zone, diffuse quartz vein to solid | | | | | | | | | | | |
| | | | bluish coloured quartz vein, dark colouration due quartzite back- | | | | | | | | | | | |
| | | | ground, silica flooded, increased fine grained disseminated | | | | | | | | | | | |
| | | | pyrite, pyrrhotite + increased chalcopyrite associated pyrrhotite, | | | | | | | | | | | |
| | | | contacts at 172.8' at 70° to core axis, at 176.0' at 40° to core | 172.8' | 176.0' | 3.2' | 15922 | 0.690 | L0.01 | | | | | |
| | | | axis. | | | | | | | | | | | |
| | | | 176.0'-189.0' - medium to dark green silicified quartzite, | | | | | | | | | | | |
| | | | chloritic, minor biotite, laminated, at 35° to core axis, | | | | | | | | | | | |
| | | | quartzose zones at 178.0'-180.0' - parallel to foliation - at | | | | | | | | | | | |
| | | | 183.5' at 70° to core axis - at 185.0' at 70° to core axis. | | | | | | | | | | | |
| | | | 189.0'-193.0' - "speckled" quartzite, silicified, laminated at | | | | | | | | | | | |
| | | | 35° to core axis, quartzose zone at 190.0' and 192.5' to 193.0' - | | | | | | | | | | | |
| | | | healed breccia zones at about 50° to core axis. | | | | | | | | | | | |
| | | | 193.0'-196.0' - strongly laminated light grey-green quartzite, | | | | | | | | | | | |
| | | | healed shear? contorted quartz veins + much quartz feldspar | | | | | | | | | | | |
| | | | laminations to 3 mm thick, dark grey-brown silicified zone, | | | | | | | | | | | |
| | | | quartzose zones with quartz veins and stringers, quartz carbonate | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 196.0' | 206.0' | (cont.) | veins with pyrrhotite + chalcopyrite, pyrite + chalcopyrite, | | | | | | | | | | | |
| | | | galena - chlorite knots, biotite rich schlieren zones, chloritic | | | | | | | | | | | |
| | | | healed shear zone. | | | | | | | | | | | |
| | | | 196.0'-198.6' - zone of quartzose schlieren quartzite, quartz | | | | | | | | | | | |
| | | | vein at 196.4'-196.8' - disseminated pyrite, pyrrhotite + | 196.0' | 198.0' | 2.0' | 15923 | 0.001 | 0.01 | | | | | |
| | | | chalcopyrite. | | | | | | | | | | | |
| | | | 196.8'-198.6' - contorted foliation, biotite chlorite quartzite, | 198.0' | 200.0' | 2.0' | 15924 | <0.001 | 0.04 | | | | | |
| | | | disseminated pyrrhotite + chalcopyrite + pyrite. | | | | | | | | | | | |
| | | | 198.0'-200.0' - quartz vein, both contacts at $80^{o}$ to core axis, | 200.0' | 201.5' | 1.5' | 15925 | <0.001 | 0.02 | | | | | |
| | | | carbonate veins/stringers included, disseminated pyrrhotite | | | | | | | | | | | |
| | | | + chalcopyrite, pyrite - bluish coloured quartz. | 201.5' | 203.0' | 1.5' | 15926 | <0.001 | 0.23 | | | | | |
| | | | 200.0'-201.5' - quartzite, foliated with quartz vein to 0.3', | | | | | | | | | | | |
| | | | pyrrhotite, pyrite, chalcopyrite, minor galena. | 203.0' | 205.0' | 2.0' | 15927 | <0.001 | 0.09 | | | | | |
| | | | 201.5'-203.0' - major quartz-carbonate vein, upper contact at | | | | | | | | | | | |
| | | | $35^{o}$ to core axis, lower at $45^{o}$ to core axis, bluish white quartz, | | | | | | | | | | | |
| | | | disseminated pyrite, chalcopyrite, pyrrhotite and galena. | | | | | | | | | | | |
| | | | 203.0'-205.0' - quartzose zone, brown biotite quartzite | | | | | | | | | | | |
| | | | 203.8'-204.4', quartz vein to 205.0' with disseminated blebs | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 196.0' | 206.0' | (cont.) | to 3 mm of chalcopyrite and galena plus fine grained pyrrhotite, | | | | | | | | | | | |
| | | | pyrite, chalcopyrite + galena. | | | | | | | | | | | |
| | | | 205.0'-206.0' - quartzose veins to 205.5' decreasing, biotite | | | | | | | | | | | |
| | | | "quartzite" to 206.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 206.0' | 215.5' | 9.5' | Dark green laminated chloritic quartzite, silicified, laminations | | | | | | | | | | | |
| | | | at 35° to core axis to 214.0', then massive dark green quartzite, | | | | | | | | | | | |
| | | | very faint foliation, increased biotite + pyrrhotite stringers | | | | | | | | | | | |
| | | | + disseminations, to 215.5'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 215.5' | 218.0' | 2.5' | Quartz vein, quartz carbonate vein, bluish-white colour, | 215.5' | 218.0' | 2.5' | 15928 | L0.001 | 0.02 | | | | | |
| | | | disseminated, very fine grained pyrite, pyrrhotite, chalcopyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 218.0' | 222.0' | 4.0' | Dark greenish-brown biotite with quartzite, laminated - at 40° | | | | | | | | | | | |
| | | | to core axis with quartz carbonate layers + biotite layers. | | | | | | | | | | | |
| | | | 221.5'-222.6' - quartzose vein, contacts at 70° upper + 35° lower - | 221.5' | 222.6' | 1.1' | 15929 | 0.002 | 0.01 | | | | | |
| | | | to core axis, disseminated + stringers pyrrhotite, chalcopyrite, | | | | | | | | | | | |
| | | | pyrite and chlorite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 222.0' | 228.0' | 6.0' | Medium green chloritic quartzite, siliceous, quartz stringers, foliation at 30° to core axis, biotite laminations quartzose zones. | | | | | | | | | | | |
| 228.0' | 236.0' | 8.0' | Increasingly biotitic, almost schistose quartzite, laminated biotite layers, laminations at 30°- 35° to core axis, disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 236.0' - End of Hole. | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

| COLLAR: | |
|---|---|
| | 38+75N |
| | 31+55E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 16-17, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: ACID ETCH | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 105° | -60° |
| 266' | 105° | |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test depth extension of surface vein system

HOLE No DDH85-4
CLAIM NAME/No EO 652301
COMMENCED Feb. 13, 1985
FINISHED Lost Core Barrel Feb. 15/85
FINAL DEPTH 263.0' Core in Box.
PROJECT No Hole at 266.0'

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 5.0' | 0' | Overburden. | | | | | | | | | | | |
| 0' | 7.0' | 2.0' | Casing. | | | | | | | | | | | |
| 5.0' | 6.0' | 1.0' | Blue quartz vein, lower contact at 40° to core axis, stringer pyrite, pyrrhotite + chalcopyrite parallel to contact and disseminations. | | | | | | | | | | | |
| 6.0' | 19.0' | 13.0' | Dark brown biotite quartzite, faint laminations, to dark brown-green "speckled" quartzite - blebs quartz feldspars, laminated quartzite, quartzose zones with quartz veining. | | | | | | | | | | | |
| | | | 6.0'-12.0' - faint laminations at 5°- 10° to core axis, very minor pyrrhotite, quartz zone at 8.0'-9.0', and 10.0'-11.0' - "vein" + lamination parallel at 0-5° to core axis, increase in pyrrhotite-chalcopyrite content. | | | | | | | | | | | |
| | | | 12.0'-15.0' - speckled quartz feldspathic nodules to 3 mm in | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.0' | 19.0' | (cont.) | quartzite, biotite + much increased pyrrhotite-chalcopyrite | | | | | | | | | | | | |
| | | | disseminations. | | | | | | | | | | | | |
| | | | 15.0'-19.0' - dark greenish-brown quartzite, faintly laminated | | | | | | | | | | | | |
| | | | at $5^{o}$-$10^{o}$ to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 19.0' | 30.0' | 11.0' | Medium green to dark brown faintly foliated quartzite, chloritic | | | | | | | | | | | | |
| | | | with biotite laminae, foliation at $5^{o}$ to core axis, decreased | | | | | | | | | | | | |
| | | | to very minor disseminated pyrrhotite. | | | | | | | | | | | | |
| | | | 25.5'-26.0' - quartz vein, 0.1' thick at $5^{o}$ to core axis, | | | | | | | | | | | | |
| | | | chlorite, no sulphides. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 30.0' | 50.0' | 20.0' | Dark brown and green silicified quartzose zone, brown biotite | | | | | | | | | | | | |
| | | | quartzite, diffuse quartzose zones with quartz veining, quartz- | | | | | | | | | | | | |
| | | | carbonate veining, dark green laminated "schistose" quartzite | | | | | | | | | | | | |
| | | | or healed breccia zones, disseminated + vein pyrrhotite + chalco- | | | | | | | | | | | | |
| | | | pyrite, pyrite. | | | | | | | | | | | | |
| | | | 30.0'-31.0' - laminated quartzite, foliation at $30^{o}$ to core axis, | | | | | | | | | | | | |
| | | | much increased pyrrhotite + chalcopyrite disseminations. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.0' | 50.0' | (cont.) | 31.0'-32.0' - quartz vein/diffuse quartz zone, minor pyrite on | | | | | | | | | | | |
| | | | fractures. | | | | | | | | | | | |
| | | | 32.0'-33.0' - quartzose laminated quartzite, foliation at 40° to | | | | | | | | | | | |
| | | | core axis, disseminated pyrrhotite + chalcopyrite. | | | | | | | | | | | |
| | | | 33.0'-34.0' - healed shear, quartzose vein, minor pyrrhotite, | | | | | | | | | | | |
| | | | at 30° to core axis. | | | | | | | | | | | |
| | | | 34.0'-36.0' - bluish quartz vein in quartzose silicified zone, | | | | | | | | | | | |
| | | | sericitic, very minor pyrrhotite. | | | | | | | | | | | |
| | | | 36.0'-39.0' - strongly laminated/foliated chloritic "schist," | | | | | | | | | | | |
| | | | foliation at 20° to core axis with sheared appearance, quartzose- | | | | | | | | | | | |
| | | | feldspathic laminae - much increased pyrrhotite. | | | | | | | | | | | |
| | | | 39.0'-40.5' - quartz vein, contacts at approximately 30° to core | 39.0' | 40.5' | 1.5' | 15930 | 0.785 | 0.09 | | | | | |
| | | | axis, white quartz veins + blebs pyrrhotite + chalcopyrite, | | | | | | | | | | | |
| | | | pyrite + chalcopyrite - visible gold on margins + associated | | | | | | | | | | | |
| | | | sulphides. | | | | | | | | | | | |
| | | | 40.5'-43.0' - strongly foliated, silicified chloritic schist/ | 40.5' | 43.0' | 2.5' | 15931 | 0.015 | 0.03 | | | | | |
| | | | quartzite, foliation at 20° to core axis, disseminated pyrrhotite, | 43.0' | 45.0' | 2.0' | 15932 | 0.004 | 0.02 | | | | | |
| | | | pyrite, chalcopyrite. | | | | | | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 16, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.0' | 50.0' | (cont.) | 43.0'-47.5' - quartz vein, quartzose zone, quartz healed shear | | | | | | | | | | | |
| | | | zone/breccia. 43.0' contact at 20° to core axis. | 45.0' | 47.5' | 2.5' | 15933 | 0.116 | 0.04 | | | | | |
| | | | 47.5' contact at 30° to core axis, bluish quartz with chlorite | | | | | | | | | | | |
| | | | + disseminated sulphides from 43.0'-45.0' much fine grained | | | | | | | | | | | |
| | | | disseminated pyrite, pyrrhotite, chalcopyrite + suspect | | | | | | | | | | | |
| | | | tellurides, from 45.0'-47.5' - whiter quartz with veins + blebs, | | | | | | | | | | | |
| | | | sulphides especially at 46.5'-47.0' - much pyrrhotite, pyrite, | | | | | | | | | | | |
| | | | chalcopyrite + visible gold. | | | | | | | | | | | |
| | | | 47.5'-50.0' - dark brown biotite pyrrhotite (pyrrhotitic) | | | | | | | | | | | |
| | | | quartzite, much disseminated pyrrhotite + pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 50.0' | 52.0' | 2.0' | **Silicified dark greenish-brown quartzite, very faint foliation** | | | | | | | | | | | |
| | | | **at 25° to core axis, much disseminated pyrrhotite at 50.0'** | | | | | | | | | | | |
| | | | **decreasing to 52.0', quartz zone/veins at 51.1'.** | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 52.0' | 53.0' | 1.0' | **White quartz-carbonate vein, upper contact at 30° to core axis,** | 52.0' | 53.0' | 1.0' | 15934 | 0.019 | 0.01 | | | | | |
| | | | **disseminated, fine grained sulphides, lines of sulphides on** | | | | | | | | | | | |
| | | | **fractures, cross-cutting vein.** | | | | | | | | | | | |

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COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53.0' | 86.0' | 33.0' | Dark brown quartzite, silicified, quartzose zones, faintly | | | | | | | | | | | |
| | | | foliated, disseminated pyrrhotite-chalcopyrite-pyrite in part, | | | | | | | | | | | |
| | | | quartz-carbonate sericite stringers/veins in quartzose zones. | | | | | | | | | | | |
| | | | 53.0'-61.0' - greenish brown quartzites, increased chlorite in | | | | | | | | | | | |
| | | | biotite quartzite, foliation at 10° to core axis. | | | | | | | | | | | |
| | | | 61.0'-75.0' - grey-brown silicified biotite quartzite, foliation | 60.0' | 63.0' | 3.0' | 15935 | 0.002 | 0.03 | | | | | |
| | | | at 10°- 15° to core axis, quartz zones from 61.0'-63.0' - | | | | | | | | | | | |
| | | | disseminated and veined pyrrhotite-chalcopyrite-pyrite, parallel | | | | | | | | | | | |
| | | | to foliation, 63.0'-72.0' - quartz zone with quartz carbonate | | | | | | | | | | | |
| | | | sericite? veinlets parallel to foliation, much decreased to | | | | | | | | | | | |
| | | | very minor sulphides. 72.0'-75.0' - similar quartz zone, | | | | | | | | | | | |
| | | | veinlets quartz carbonate-sericite parallel to foliation at | | | | | | | | | | | |
| | | | 0-5° to core axis, minor sulphides. | | | | | | | | | | | |
| | | | 75.0'-86.0' - dark brown biotite quartzite, slightly chloritic | | | | | | | | | | | |
| | | | in laminae, some disseminated pyrrhotite-chalcopyrite, foliation | | | | | | | | | | | |
| | | | at 10° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 86.0' | 107.0' | 21.0' | Series quartz veined zones in dark brown biotite quartzite, | | | | | | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No | Au oz/ton | Ag oz/ton |
| 86.0' | 107.0' | (cont.) | quartz-carbonate veining with sulphides, pyrrhotite-chalcopyrite- | | | | | | |
| | | | pyrite as disseminations + stringers. | | | | | | |
| | | | 86.0'-87.5' - quartz carbonate vein at 15° to core axis, | 86.0' | 89.0' | 3.0' | 15936 | 0.003 | L0.01 |
| | | | 87.5'-90.5' - strongly silicified with quartz veining at 89.0' | | | | | | |
| | | | at 15° to core axis, pyrrhotite, pyrite, chalcopyrite with | | | | | | |
| | | | carbonate veins at 75° to core axis. | | | | | | |
| | | | 90.5'-96.5' - strongly laminated biotite quartzite, laminae at | | | | | | |
| | | | 20° to core axis, of segregated biotite rich, chlorite rich and | | | | | | |
| | | | quartzose feldspathic layers, much disseminated pyrrhotite- | | | | | | |
| | | | chalcopyrite associated. | | | | | | |
| | | | 96.5'-101.0' - less strongly laminated biotite quartzite, | | | | | | |
| | | | laminations at 20° to core axis. | 101.0' | 103.0' | 2.0' | 15937 | 0.355 | 0.07 |
| | | | 101.0'-103.0' - strong quartz-carbonate vein with pyrrhotite- | | | | | | |
| | | | chalcopyrite-pyrite, contacts - upper at 60° to core axis, | | | | | | |
| | | | lower at 35° to core axis, - from 101.0'-102.0', 102.0'-103.0' - | | | | | | |
| | | | quartz zone cut by carbonate-chlorite - sulphide vein at 25° | | | | | | |
| | | | to core axis, 0.1' thick, visible gold, associated pyrite on | | | | | | |
| | | | upper contact at 101.2', clear translucent quartz, blue tinge. | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86.0' | 107.0' | (cont.) | 103.0'-107.0' - similar biotite quartzite, foliation at 20° | | | | | | | | | | | |
| | | | to core axis, with quartz-carbonate stringers parallel to | | | | | | | | | | | |
| | | | foliation, quartz vein with carbonate at 20° to core axis | | | | | | | | | | | |
| | | | from 106.0'-107.0' - minor pyrrhotite-chalcopyrite-pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 107.0' | 140.0' | 33.0' | Dark brown to dark green-brown quartzite, faintly laminated to | | | | | | | | | | | |
| | | | strongly laminated, quartz-carbonate zones, minor to faintly | | | | | | | | | | | |
| | | | disseminated pyrrhotite-chalcopyrite. | | | | | | | | | | | |
| | | | 107.0'-110.0' - strongly laminated parallel to quartz carbonate | | | | | | | | | | | |
| | | | vein at 106.0', biotite lamination quartzose - feldspathic | | | | | | | | | | | |
| | | | laminations to 1 mm, lamination at 15° to core axis. | | | | | | | | | | | |
| | | | 110.0'-120.0' - faint laminations, blebs quartz-feldspars to 1 mm | | | | | | | | | | | |
| | | | aligned on laminae at 15° to core axis, minor disseminated | | | | | | | | | | | |
| | | | pyrrhotite. | | | | | | | | | | | |
| | | | 120.0'-124.0' - quartzose silicified zone, increases to 124.0', | 124.0' | 127.0' | 3.0' | 15938 | 0.375 | 0.07 | | | | | |
| | | | increase in pyrrhotite-pyrite and foliation goes to 30° to core | | | | | | | | | | | |
| | | | axis at 124.0'. | | | | | | | | | | | |
| | | | 124.0'-127.0' - quartzose zone, sulphide veins at 20° to core | | | | | | | | | | | |

# Diamond Drill Record

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COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 107.0' | 140.0' | (cont.) | axis, parallel to quartz carbonate veining with sulphides | | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite-pyrite, visible gold, fine grained, rusty | | | | | | | | | | | | |
| | | | carbonate and chlorite disseminated. | | | | | | | | | | | | |
| | | | 127.0'-131.0' - decreasing quartzose/silicification, decreased | | | | | | | | | | | | |
| | | | sulphides to none. | | | | | | | | | | | | |
| | | | 131.0'-140.0' - laminated quartzite, dark green-brown, laminations | | | | | | | | | | | | |
| | | | at 15° to core axis, narrow quartz carbonate vein with sulphides | | | | | | | | | | | | |
| | | | at 138.5', ½", parallel to foliation at 15°-20° to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 140.0' | 171.0' | 31.0' | Medium green quartzite, faintly foliated, to darker green-brown | | | | | | | | | | | | |
| | | | quartzite stringer, laminations of biotite, chlorite + quartzose | | | | | | | | | | | | |
| | | | feldspathic layers, minor quartz carbonate veining. | | | | | | | | | | | | |
| | | | 140.0'-150.0' - thinly laminated, medium green quartzite, | | | | | | | | | | | | |
| | | | laminations at 20° to core axis, consist of chlorite + quartzose | | | | | | | | | | | | |
| | | | feldspathic layers, minor quartz carbonate stringers parallel | | | | | | | | | | | | |
| | | | to foliation. | | | | | | | | | | | | |
| | | | 150.0'-161.0' - lighter green colour, fainter laminations, | | | | | | | | | | | | |
| | | | quartz carbonate veining at 156.0'-157.0' - parallel to foliation, | | | | | | | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140.0' | 171.0' | (cont.) | minor pyrrhotite-chalcopyrite. 159.0'-161.0' - series quartz | | | | | | | | | | | |
| | | | veins, ptygmatically folded parallel to foliation, minor to | | | | | | | | | | | |
| | | | no sulphides. | | | | | | | | | | | |
| | | | 161.0'-171.0' - increasingly laminated, increased quartzose | | | | | | | | | | | |
| | | | feldspathic + quartz carbonate stringers parallel to laminations, | | | | | | | | | | | |
| | | | silicified, healed shear zone? increasing sulphides pyrrhotite- | | | | | | | | | | | |
| | | | pyrite-chalcopyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 171.0' | 177.0' | 6.0' | Quartz carbonate vein zone, healed shear? quartz-carbonate | | | | | | | | | | | |
| | | | veining with stringers of amphiboles, chlorite and sulphides - | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite-pyrite, disseminated sulphides also, | | | | | | | | | | | |
| | | | fine grained in part. 171.0'-171.5' - contact at 40° to core | | | | | | | | | | | |
| | | | axis, silicified laminated quartzite with increased pyrrhotite- | | | | | | | | | | | |
| | | | chalcopyrite. | 171.0' | 173.0' | 2.0' | 15939 | 0.003 | 0.02 | | | | | |
| | | | 171.5'-172.0' - carbonate quartz vein with knots/"veins" of dark | 173.0' | 175.0' | 2.0' | 15940 | L0.001 | 0.01 | | | | | |
| | | | green-black amphiboles, lath-like - hornblende? sulphides. | 175.0' | 177.0' | 2.0' | 15941 | 0.004 | L0.01 | | | | | |
| | | | 172.0'-173.0' - dark blue-grey quartz healed breccia. | | | | | | | | | | | |
| | | | 173.0'-176.7' - grey-blue quartz, massive, disseminated, sulphides | | | | | | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 171.0' | 177.0' | (cont.) | in part, stringers of amphiboles, chlorite parallel to contact | | | | | | | | | | | |
| | | | at 70° to core axis. | | | | | | | | | | | |
| | | | 176.0'-177.0' - silicified healed shear contact quartzite, | | | | | | | | | | | |
| | | | foliation at 60°, contact of quartz vein cuts foliation. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 177.0' | 180.0' | 3.0' | Strongly laminated quartzite, silicified near contact at 177.0', | | | | | | | | | | | |
| | | | with minor pyrrhotite, dark grey-green colour, quartz veins parallel | | | | | | | | | | | |
| | | | to laminations to 180.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 180.0' | 194.0' | 14.0' | Dark green quartzite, laminated, siliceous, quartzose feldspathic | | | | | | | | | | | |
| | | | + quartz carbonate laminations, quartz vein zone at 185.0'-186.0', | | | | | | | | | | | |
| | | | 187.0'-188.0'. | | | | | | | | | | | |
| | | | 189.5'-190.5' - minor sulphides associated, all parallel to | | | | | | | | | | | |
| | | | laminations, laminations at 30°-35° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 194.0' | 196.5' | 2.5' | Quartz carbonate vein from 194.4'-196.3', blue coloured quartz, | 194.3' | 196.3' | 2.0' | 15942 | 0.001 | 0.01 | | | | | |
| | | | disseminated pyrrhotite + pyrite, pyrite on fractures. | | | | | | | | | | | |
| | | | 194.0'-194.4' - strongly silicified quartzite, contact at 70° | | | | | | | | | | | |

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PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 194.0' | 196.5' | (cont.) | to core axis. 195.5'-196.5' - broken + healed quartz vein contact | | | | | | |
| | | | to brown biotite quartzite, contact at 40° to core axis, quartz | | | | | | |
| | | | carbonate pyrite vein at 196.3'-196.5' at 35° to core axis. | | | | | | |
| | | | | | | | | | |
| 196.5' | 204.0' | 7.5' | Dark brown biotite quartzite, laminated at 20°-25° to core axis, | | | | | | |
| | | | increasingly silicified + with quartz feldspar laminations from | | | | | | |
| | | | 198.5', quartz zone at 200.0' to 200.5'. | | | | | | |
| | | | | | | | | | |
| 204.0' | 210.0' | 6.0' | Quartz carbonate veining, quartzose zone, healed shear. | | | | | | |
| | | | 204.0'-205.5' - blue quartz veining at 70° to core axis, with | 204.0' | 207.0' | 3.0' | 15943 | 0.004 | L0.01 |
| | | | 0.6' vein at 204.9'-205.5' chlorite, sulphides very minor. | 207.0' | 210.0' | 3.0' | 15944 | 0.041 | 0.03 |
| | | | 205.5'-206.6' - silicified dark brown biotite quartzite, | | | | | | |
| | | | contorted laminations at 80° to core axis, minor sulphides - | | | | | | |
| | | | no disseminated pyrrhotite. | | | | | | |
| | | | 206.6'-208.0' - blue quartz vein with chlorite schlieren at 30° | | | | | | |
| | | | to core axis, knots of biotite. | | | | | | |
| | | | 208.0'-210.0' - carbonate margins to white quartz veins at 40° | | | | | | |
| | | | to core axis, contact at 210.0' to quartzite at 70° to core axis. | | | | | | |

# Diamond Drill Record

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DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 210.0' | 214.5' | 4.5' | Dark green-brown laminated quartzite, laminations at 50° to core axis, laminations of biotite, chlorite, quartose feldspathics + parallel quartz carbonate stringers. | | | | | | | | | | | |
| 214.5' | 218.5' | 4.0' | Silicified zone, quartzose zone with quartz veins, quartz carbonate veins, and quartz sulphide veins. 214.5'-216.5' - quartzose zone, quartz veins with dark biotite quartzite, minor disseminated pyrrhotite. 216.5'-218.5' - quartz carbonate veins at 40° to core axis, quartz-sulphide-carbonate vein at 217.6'-218.0' - pyrite, pyrrhotite, chalcopyrite - this vein at 40° to core axis + cross-cuts other quartz carbonate veins parallel to foliation at 30°-35°; latest quartz sulphide vein has chalcopyrite blebs + chalcopyrite stringers cutting two types pyrite, dull yellow - marcasite? and bright yellow later pyrite, visible gold? | 215.5' | 218.5' | 3.0' | 15945 | 0.021 | 0.05 | | | | | |
| 218.5' | 242.0' | 23.5' | Dark to medium green, laminated, foliated quartzite, minor quartose zones, strongly laminated with quartzose feldspathic layers in part. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 17, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 218.5' | 242.0' | (cont.) | 218.5'-224.0' - dark green-brown silicified biotite quartzite, | | | | | | | | | | | |
| | | | lamination at 40° to core axis, disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 224.0'-238.0' - medium to light green quartzite, laminated, at | | | | | | | | | | | |
| | | | 35°-45° to core axis, quartzose feldspathic laminations from | | | | | | | | | | | |
| | | | 227.0'-230.0', 233.0'-237.0'. | | | | | | | | | | | |
| | | | 238.0'-242.0' - darker green-brown quartzite, carbonate stringers | | | | | | | | | | | |
| | | | + veinlets, foliation at 35° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 242.0' | 263.0' | 21.0' | Medium green, faintly laminated quartzite, minor quartz carbonate | | | | | | | | | | | |
| | | | + carbonate stringers parallel to laminations, lamination at | | | | | | | | | | | |
| | | | 40°-45° to core axis. | | | | | | | | | | | |
| | | | 261.0'-263.0' - broken ground - LOST CORE BARREL at 266.0' - | | | | | | | | | | | |
| | | | BACK END BROKE. | | | | | | | | | | | |
| | | | End of Hole. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 39+25N | METHOD: ACID ETCH | | |
| 31+70E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | 0' | 105° | -50° |
| CORE SIZE BQ | 226' | 105° | -41° |
| LOGGED BY Gordon D. House | | | |
| DATE LOGGED Feb. 17-19, 1985 | | | |
| MAP REFERENCE No 31C/12 | | | |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test strike and depth extensions of surface veins

HOLE No. DDH-85-5
CLAIM NAME No. EO 652301
COMMENCED Feb. 13, 1985
FINISHED Feb. 16, 1985
FINAL DEPTH 226.0'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 5.0' | 0' | Overburden, casing. | | | | | | | | | | | |
| 5.0' | 26.0' | 21.0' | Dark grey to blue-grey, faintly foliated, siliceous quartz-feldspar to quartz-sericite-chlorite quartzite, quartzose zones with contorted quartz veining, quartz carbonate veining, minor to very minor sulphides - minor pyrite associated quartz veins - increased chlorite to 26.0', foliation at 20° to core axis. | | | | | | | | | | | |
| 26.0' | 48.0' | 22.0' | Similar quartzite, greenish colour, increasing to 30.0'-36.0', faint foliation - at 20° to core axis, quartz veins + quartz carbonate vein zone parallel to foliation at 26.0', 35.0'-36.0', 43.0', and 45.0'-46.0', minor sulphides throughout, minor pyrite associated quartz veins. | | | | | | | | | | | |
| 48.0' | 69.0' | 21.0' | Similar quartzite, faintly foliated to laminated from 58.0', | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48.0' | 69.0' | (cont.) | quartzose zones, increased chlorite, biotite laminations in part, | | | | | | | | | | | |
| | | | foliation at 20° to core axis. | | | | | | | | | | | |
| | | | 48.0'-50.0' - quartz veined + quartzose zone, minor pyrite, | | | | | | | | | | | |
| | | | healed shear, quartz veins + quartz feldspar laminations at | | | | | | | | | | | |
| | | | 40° to core axis through zone. | | | | | | | | | | | |
| | | | 50.0'-55.0' - medium to dark green, foliated quartzite, quartz- | | | | | | | | | | | |
| | | | feldspar blebs/nodules aligned parallel to foliation at 20° to | | | | | | | | | | | |
| | | | core axis, chloritic layers parallel to foliation. | | | | | | | | | | | |
| | | | 55.0'-57.0' - strong quartz carbonate vein parallel to foliation | | | | | | | | | | | |
| | | | at 20° to core axis at 55.5' - 0.1' true thickness, minor veins | | | | | | | | | | | |
| | | | at 56.2' and 56.4' - all parallel to foliation. | | | | | | | | | | | |
| | | | 59.0'-62.0' - quartz veined zone, healed shear? veins and quartz | | | | | | | | | | | |
| | | | feldspar laminations at 20° to core axis, chlorite bands parallel | | | | | | | | | | | |
| | | | to veins, minor to no sulphides. | | | | | | | | | | | |
| | | | 62.0'-69.0' - finely laminated dark green quartzite, laminations | | | | | | | | | | | |
| | | | at 20° to core axis, consist of chlorite, biotite + quartzose | | | | | | | | | | | |
| | | | feldspathic layers, sulphides noted from 62.0' onwards, dissemi- | | | | | | | | | | | |
| | | | nated pyrrhotite along foliation, fine grained diseeminated | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48.0' | 69.0' | (cont.) | pyrrhotite - pyrite associated quartz stringers at 63.5'-64.0' and | | | | | | | | | | | | |
| | | | 65.0' and 67.5'. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 69.0' | 85.0' | 16.0' | Faintly foliated, medium green quartzite, quartzose zones with | | | | | | | | | | | | |
| | | | quartz veins, carbonate stringer zones, dark green-brown laminated | | | | | | | | | | | | |
| | | | quartzite, quartzose feldspathic and quartz carbonate laminations. | | | | | | | | | | | | |
| | | | 69.0'-76.0' - light to medium green quartzite, foliation at 20° | | | | | | | | | | | | |
| | | | to core axis, quartzose + quartz stringer zone at 73.0'-74.5' - | | | | | | | | | | | | |
| | | | parallel to foliation - disseminated pyrrhotite, chalcopyrite + | | | | | | | | | | | | |
| | | | pyrite, also narrow stringers to 75.5'-76.0'. | | | | | | | | | | | | |
| | | | 76.0'-79.0' - very faint foliation, medium green quartzite, | | | | | | | | | | | | |
| | | | carbonate stringers and veins parallel to foliation at 20° | | | | | | | | | | | | |
| | | | and larger parallel to core axis - contorted, disseminated | | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite in quartzite + associated carbonate veins | | | | | | | | | | | | |
| | | | on margins. | | | | | | | | | | | | |
| | | | 79.0'-80.0' - quartzose zone, quartz vein cross-cutting foliation | | | | | | | | | | | | |
| | | | on upper quartzite, minor pyrrhotite-chalcopyrite-pyrite. | | | | | | | | | | | | |
| | | | 80.0'-85.0' - dark brown biotite rich quartzite, quartzose zones | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69.0' | 85.0' | (cont.) | at 80.5'-81.2' and 81.7'-82.2'. 80.5'-81.2' - quartz carbonate | | | | | | | | | | | |
| | | | vein at 30° to core axis, cut by sulphide vein at 35° to core | 80.5' | 82.5' | 2.0' | 15946 | 0.003 | 0.02 | | | | | |
| | | | axis - cuts across quartz carbonate vein at 30° to core axis - | | | | | | | | | | | |
| | | | sulphide stringer also at 81.8', at 75° to core axis, | | | | | | | | | | | |
| | | | 81.8'-82.0' - dark brown biotite rich zone with much disseminated | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite. 82.2'-85.0' - increased chlorite | | | | | | | | | | | |
| | | | laminations. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 85.0' | 100.0' | 15.0' | Dark grey-green quartzite, foliated in part, quartzose zones | | | | | | | | | | | |
| | | | with quartz veins, quartz carbonate veins + sulphides, biotite + | | | | | | | | | | | |
| | | | quartzose feldspathic laminations. | | | | | | | | | | | |
| | | | 85.0'-87.5' - green, foliated quartzite, foliation at 20° to | | | | | | | | | | | |
| | | | core axis, quartz carbonate stringers + veins at 86.0'-86.3' and | | | | | | | | | | | |
| | | | 87.0'-87.2' - no sulphides associated. | | | | | | | | | | | |
| | | | 87.5'-90.0' - greenish quartzite, quartz carbonate stringers | | | | | | | | | | | |
| | | | parallel to foliation, no sulphides associated. | | | | | | | | | | | |
| | | | 90.0'-91.0' - speckled laminations, blebs quartzose feldspathic | | | | | | | | | | | |
| | | | material parallel to foliation at 20° to core axis, darker biotite | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 85.0 | 100.0 | (cont.) | rich laminations, 90.5'-91.0' - disseminated pyrrhotite. | | | | | | | | | | | |
| | | | 91.0'-92.4' - quartz vein/quartzose zone, disseminated + | 91.0' | 92.5' | 1.5' | 15947 | L0.001 | 0.02 | | | | | |
| | | | stringers sulphides pyrrhotite-chalcopyrite-pyrite, VISIBLE GOLD | | | | | | | | | | | |
| | | | in quartzose zone, healed breccia zone, with quartz vein | | | | | | | | | | | |
| | | | on footwall, upper contact at 30° to core axis - brecciated | | | | | | | | | | | |
| | | | zone to 91.5', lower contact at 50° to core axis - lineated | | | | | | | | | | | |
| | | | quartz veins + sulphides parallel to contact. | | | | | | | | | | | |
| | | | 92.4'-98.0' - dark brown quartzite, laminated at 40° to core | | | | | | | | | | | |
| | | | axis, biotite + chlorite laminations, minor disseminated | | | | | | | | | | | |
| | | | pyrrhotite, quartzose feldspathic layers or stringers at 30° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 98.0'-100.0' - quartzose zone, quartz carbonate stringers at | | | | | | | | | | | |
| | | | 30° to core axis, becoming more silicified to 100.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 100.0 | 147.0 | 47.0' | Dark grey-brown quartzite, faint foliation, quartzose zones with | | | | | | | | | | | |
| | | | quartz veins and quartz carbonate veins; medium green quartzite - | | | | | | | | | | | |
| | | | faint foliation, darker silicified quartzite with quartz veins, | | | | | | | | | | | |
| | | | laminated dark grey-green to green-brown quartzite with quartzose | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100.0' | 147.0' | (cont.) | feldspathic laminations + quartz carbonate laminations. | | | | | | | | | | | | |
| | | | 100.0'-105.0' - quartzose zone, dark blue-grey-brown quartzite, | | | | | | | | | | | | |
| | | | foliations at 45°- 50° to core axis, much disseminated pyrrhotite- | | | | | | | | | | | | |
| | | | chalcopyrite, contorted quartz carbonate vein at approximately | | | | | | | | | | | | |
| | | | 80° to core axis at 101.1'. | | | | | | | | | | | | |
| | | | 105.0'-114.0' - chloritic quartzite, faint foliation at 40° to | | | | | | | | | | | | |
| | | | core axis, disseminated pyrrhotite, quartz carbonate stringer at | | | | | | | | | | | | |
| | | | 107.0', 108.5', 110.0'. | | | | | | | | | | | | |
| | | | 114.0'-117.0' - quartzose zone, medium to dark green quartzite, | | | | | | | | | | | | |
| | | | foliated at 35° to core axis, chlorite laminations, disseminated | | | | | | | | | | | | |
| | | | pyrrhotite, quartz veins at 50°-75° to core axis at 114.2' and | | | | | | | | | | | | |
| | | | 115.5'. | | | | | | | | | | | | |
| | | | 117.0'-127.0' - dark brown quartzite, biotite rich with | | | | | | | | | | | | |
| | | | disseminated pyrrhotite, quartz veined from 122.5'-124.5', minor | | | | | | | | | | | | |
| | | | disseminated pyrrhotite - increase in sericite? chlorite? content | | | | | | | | | | | | |
| | | | to 127.0'. | | | | | | | | | | | | |
| | | | 127.0'-131.0' - zone quartz/carbonate veins at 50° to core axis | | | | | | | | | | | | |
| | | | at 127.3', 129.5', + 131.0', very minor disseminated sulphides. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100.0' | 147.0' | (cont.) | 131.0'-138.0' - greenish brown quartzite, foliation at 35° to | | | | | | | | | | | | |
| | | | core axis, minor quartz stringers parallel to foliation, very | | | | | | | | | | | | |
| | | | minor disseminated pyrrhotite. | | | | | | | | | | | | |
| | | | 138.0'-147.0' - laminated greenish chloritic quartzite, | | | | | | | | | | | | |
| | | | "quartz sericite schist"?, very minor disseminated pyrrhotite. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 147.0' | 173.0' | 26.0' | Dark brown laminated quartzite to medium green chloritic | | | | | | | | | | | | |
| | | | quartzite with quartz stringers, to medium green-brown laminated | | | | | | | | | | | | |
| | | | quartzite, minor disseminated pyrrhotite generally siliceous | | | | | | | | | | | | |
| | | | throughout. | | | | | | | | | | | | |
| | | | 147.0'-150.0' - brown, laminated, quartz carbonate laminations, | | | | | | | | | | | | |
| | | | at 35°-40° to core axis. | | | | | | | | | | | | |
| | | | 150.0'-152.0' - "speckled" schist/quartzite, biotite with | | | | | | | | | | | | |
| | | | aligned blebs quartzose-feldspathic material parallel to foliation | | | | | | | | | | | | |
| | | | at 35° to core axis. | | | | | | | | | | | | |
| | | | 152.0'-161.0' - "banded" laminated quartzite, "bands" to ½"-3/4" | | | | | | | | | | | | |
| | | | true thickness, alternating chloritic/biotite quartzite + quartz | | | | | | | | | | | | |
| | | | carbonate rich bands, quartz carbonate stringers, laminations/ | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 147.0' | 173.0' | (cont.) | banding at 30°-35° to core axis. | | | | | | | | | | | | |
| | | | 161.0'-173.0' - laminated quartzite, chlorite-quartz carbonate/ | | | | | | | | | | | | |
| | | | quartz sericite laminations with quartzose layers, all parallel | | | | | | | | | | | | |
| | | | to foliation at 45°-50° to core axis, minor disseminated | | | | | | | | | | | | |
| | | | pyrrhotite-pyrite. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 173.0' | 181.0' | 8.0' | Blue-green quartzose silicified "schist"/quartzite, quartzose | | | | | | | | | | | | |
| | | | zones with quartz veining, dark biotite quartzite with disseminated | | | | | | | | | | | | |
| | | | pyrrhotite. | | | | | | | | | | | | |
| | | | 173.0'-173.5' - quartz vein, contorted, disseminated pyrite, | | | | | | | | | | | | |
| | | | pyrrhotite, minor chalcopyrite, carbonate, top contact at 80° | | | | | | | | | | | | |
| | | | to core axis - cross-cutting foliation, lower contact at 35°-40° - | | | | | | | | | | | | |
| | | | a quartz vein off breccia vein, lower contact breccia vein at | | | | | | | | | | | | |
| | | | 75° to core axis. | | | | | | | | | | | | |
| | | | 173.5'-181.0' - dark brown biotite quartzite, laminated, changing | | | | | | | | | | | | |
| | | | to medium green quartzite, chloritic - faint foliation from 175.0'. | | | | | | | | | | | | |
| | | | Quartz vein zones at 177.6' and 179.0' at 70° to core axis, | | | | | | | | | | | | |
| | | | foliation at 40°-45° to core axis. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 18, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181.0' | 198.0' | 17.0' | Silicified quartzose zone in medium to light green-blue | | | | | | | | | | | |
| | | | quartzite, healed shear zone?, foliated and laminated quartzites, | | | | | | | | | | | |
| | | | blue coloured quartz veins and quartz carbonate veins, sulphide | | | | | | | | | | | |
| | | | veins and disseminated sulphides, associated quartz + quartz | | | | | | | | | | | |
| | | | carbonate veins. | | | | | | | | | | | |
| | | | 181.0'-190.0' - medium blue-green quartzose zone, quartz veins at | | | | | | | | | | | |
| | | | 181.0', 183.0', 185.7', 187.0', 187.5', 188.0', 189.3', - all | | | | | | | | | | | |
| | | | with minor sulphides, and generally parallel to foliation which | | | | | | | | | | | |
| | | | is at 50°-55° to core axis throughout, medium to dark green | | | | | | | | | | | |
| | | | chloritic laminated quartzite, minor disseminations pyrrhotite + | | | | | | | | | | | |
| | | | chalcopyrite, pyrite. | | | | | | | | | | | |
| | | | 190.0'-198.0' - similar quartzose zone, silicified quartzite, | | | | | | | | | | | |
| | | | quartz veins, quartz carbonate veins, pyrite veins. | | | | | | | | | | | |
| | | | 190.6' - pyrite vein, coarse pyrite at 70° to core axis cross- | 190.0' | 193.0' | 3.0' | 15948 | L0.001 | 0.01 | | | | | |
| | | | cutting foliation. 191.8'-192.7' - quartz veins, to 1"-1.5", at | | | | | | | | | | | |
| | | | 65° to core axis, disseminated sulphides, minor. 192.7'-195.0' - | | | | | | | | | | | |
| | | | similar quartzose chloritic quartzite, foliation at 40° to | 195.0' | 198.0' | 3.0' | 15949 | 0.066 | 0.06 | | | | | |
| | | | core axis. 195.0'-197.0' - quartzose zone, veins at 196.0' and | 198.0' | 200.0' | 2.0' | 15950 | 0.001 | 0.02 | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 19, 1985

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 181.0' | 198.0' | (cont.) | 196.9' at 30° to core axis, sulphide stringer at 196.5' at 30° to core axis, cross-cuts foliation + quartz veins. 197.0'-198.0' - contorted foliation, dark brown quartzite, disseminated pyrrhotite. | | | | | | |
| 198.0' | 204.0' | 6.0' | Quartz veined zone, quartzose foliated quartzite, contorted quartzite/quartz veins, to quartz veins.<br>198.0'-199.5' - quartz vein, minor pyrite, pyrrhotite disseminated, contacts at 75° to core axis.<br>199.5'-201.0' - dark brown quartzite, foliation at 50° to core axis.<br>201.0'-204.0' - contorted quartz vein zone, quartzose quartzite foliation/laminations at 60° to core axis with layers quartz vein parallel. | | | | | | |
| 204.0' | 206.5' | 2.5' | Quartz vein at 35° to core axis to 204.5', then laminated dark green-brown quartzite, biotite laminations, chloritic quartzose laminations - at 45° to core axis, very minor disseminated | 206.5' | 208.0' | 1.5' | 66901 | 0.045 | 0.01 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 19, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 204.0' | 206.5' | (cont.) | pyrite, pyrrhotite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 206.5' | 218.0' | 11.5' | Quartzose zoned quartzite, quartz veins with carbonate, sulphides, | | | | | | | | | | | |
| | | | coarse laminated quartzite with minor sulphides, dark green-brown | | | | | | | | | | | |
| | | | laminated quartzite, increased sulphides to 218.0'. | | | | | | | | | | | |
| | | | 206.5'-207.4' - quartz carbonate vein, upper contact at 85° | | | | | | | | | | | |
| | | | to core axis, strong cross-cutting contact - pyrite, chalcopyrite | | | | | | | | | | | |
| | | | on margins, diffuse lower boundary, quartzose healed breccia zone. | | | | | | | | | | | |
| | | | 207.4'-209.7' - quartzose healed breccia zone, quartz vein | 208.0' | 211.0' | 3.0' | 66902 | 0.042 | 0.01 | | | | | |
| | | | fragments, disseminated pyrite-chalcopyrite-pyrrhotite. | | | | | | | | | | | |
| | | | 209.7'-214.5' - similar diffuse quartzose zone, quartz veins/ | | | | | | | | | | | |
| | | | stringers in silicified quartzite,healed breccia/shear zone, | | | | | | | | | | | |
| | | | quartz carbonate layers with pyrite-chalcopyrite-pyrrhotite | | | | | | | | | | | |
| | | | and chloritic biotite rich laminae - general lamination at 40° | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | 214.5'-218.0' - similar quartzite, less quartz veining, reduced | | | | | | | | | | | |
| | | | sulphides. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 19, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 218.0' | 222.0' | 4.0' | Quartz vein, chlorite-pyrite, pyrrhotite-chalcopyrite, quartz- | 218.2' | 220.2' | 1.0' | 66903 | 0.002 | 0.01 |
| | | | carbonate, inclusions of chloritic biotite quartzite with | 220.2' | 221.6' | 1.4' | 66904 | 0.003 | L0.01 |
| | | | pyrrhotite, upper contact at $45^{\circ}$-$50^{\circ}$ to core axis, lower contact | | | | | | |
| | | | at $85^{\circ}$-$90^{\circ}$ to core axis. | | | | | | |
| | | | 218.5'-218.8' and 219.3'-219.6' - biotite quartzite inclusion, | | | | | | |
| | | | quartz veins are white, diffuse quartz with disseminated | | | | | | |
| | | | pyrite, pyrrhotite + chalcopyrite and stringers pyrite. | | | | | | |
| 222.0' | 226.0' | 4.0' | Dark green laminated chloritic quartzite, minor pyrrhotite, | | | | | | |
| | | | healed quartz breccia veins at 224.3' and 225.0'. | | | | | | |
| | | | 226.0' - End of Hole. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 39+25N |
| | 31+70E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 19-20, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD | ACID ETCH | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 105° | -60° |
| 256' | 105° | -47° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test strike extensions of surface vein exposures

HOLE No. DDH-85-6
CLAIM NAME No. EO 652301
COMMENCED Feb. 17, 1985
FINISHED Feb. 17, 1985
FINAL DEPTH 256.0'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 4.0' | 0' | Casing, overburden. | | | | | | | | | | | |
| 4.0' | 32.0' | 28.0' | Dark green, faintly foliated quartzite, chloritic biotite laminations, very minor pyrrhotite, dense siliceous hard rock, foliation at 20°-25° to core axis, quartz carbonate vein zones at 6.5', 8.5'-9.0', 13.0'-15.0' - quartz carbonate stringer parallel to foliation with pyrite, pyrrhotite stringers + disseminations - similar 17.0'-19.0' and 23.5'-24.0', 28.0'-30.0' - **foliation at 5°-10° to core axis, laminae quartz carbonate and schlieren, disseminated pyrrhotite-pyrite.** | | | | | | | | | | | |
| 32.0' | 38.0' | 6.0' | **Dark green-grey quartzite, quartzose layers/veins/zones parallel to foliation at 20° to core axis, minor disseminated pyrite + stringers associated quartz zones.** | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 19, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 38.0' | 43.0' | 5.0' | Healed breccia zone, quartzose zone, quartz veins parallel to broken foliation, lamination at $10^{\circ}$-$15^{\circ}$ to core axis, dark grey-green quartzite, very minor pyrrhotite, chlorite quartzite. | | | | | | | | | | | |
| 43.0' | 52.0' | 9.0' | Medium green, fine grained quartzite, very faint foliation at $5^{\circ}$-$10^{\circ}$ to core axis, darker biotite laminae, chloritic, disseminated pyrrhotite-pyrite, increasing to 52.0', minor carbonate + quartz carbonate stringer. | | | | | | | | | | | |
| 52.0' | 58.0' | 6.0' | Medium grey-green fine grained quartzite, very faint foliation at $5^{\circ}$ to core axis, quartzose chloritic layers and darker biotite rich layers, minor disseminated pyrrhotite. | | | | | | | | | | | |
| 58.0' | 68.0' | 10.0' | Grey-green to greenish brown quartzite, faint foliation becoming more pronounced from 62.0' to strong at 68.0', chloritic biotite quartzite with quartzose laminae, foliation at $5^{\circ}$-$10^{\circ}$ to core axis to 62.0', laminae at $10^{\circ}$-$20^{\circ}$ to 68.0', minor disseminated pyrrhotite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED: Feb. 19, 1985
COMPANY NAME: Mono Gold Mines Inc.
PROPERTY NAME: Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton |
| 68.0' | 74.0' | 6.0' | Quartz veined healed shear zone, massive white to blue quartz | | | | | | |
| | | | vein with disseminated sulphides, fine grained and as blebs, | | | | | | |
| | | | pyrite, botryoidal marcasite, chalcopyrite + visible gold | | | | | | |
| | | | associated. | | | | | | |
| | | | 68.0'-69.0' - quartz carbonate vein at $0-5^{\circ}$ to core axis, in | | | | | | |
| | | | laminated quartzite, lamination at $15^{\circ}$ to core axis. | 68.5' | 71.0' | 2.5' | 66905 | 0.005 | L0.01 |
| | | | 69.0'-71.0' - laminated quartzite, lamination change from $5^{\circ}-20^{\circ}$ | 71.0' | 73.0 | 2.0' | 66906 | 0.789 | 0.15 |
| | | | at 70.8' at contact, disseminated pyrrhotite-pyrite. | 73.0' | 74.0 | 1.0' | 66907 | 4.655 | 0.32 |
| | | | 71.0'-74.0' - massive quartz vein, contact at $70^{\circ}$ to core axis, | | | | | | |
| | | | white quartz to 73.0', veins/vugs filled botryoidal marcasite, | | | | | | |
| | | | pyrite, chalcopyrite + visible gold. At 72.5' - narrow stringers | | | | | | |
| | | | of silver-grey crystalline mineral, not acicular enough for | | | | | | |
| | | | tetrahedrite, - arsenopyrite. 73.0'-73.5' - quartz carbonate | | | | | | |
| | | | vein with blebs/veins of sulphides, botryoidal marcasite with | | | | | | |
| | | | pyrite and chalcopyrite on growth lines, pyrite and chalcopyrite | | | | | | |
| | | | with pyrrhotite disseminations + blebs, visible gold associated | | | | | | |
| | | | pyrite-chalcopyrite and as separate blebs in quartz groundmass. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 19-20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74.0' | 76.0' | 2.0' | Sheared, healed shear, laminated quartzite, brown biotite rich | | | | | | | | | | | | |
| | | | chloritic, quartzose layers, laminations/shear planes at 0-5$^{o}$ | | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 76.0' | 108.0' | 32.0' | Dark grey-green to green-brown quartzite, faintly laminated/ | | | | | | | | | | | | |
| | | | foliated chloritic zones, quartzose zones, quartz-carbonate | | | | | | | | | | | | |
| | | | veins. | | | | | | | | | | | | |
| | | | 76.0'-85.0' - green-brown quartzite, foliation at 10$^{o}$-15$^{o}$ to | | | | | | | | | | | | |
| | | | core axis, quartz stringer at 82.0', quartz + carbonate layers - | | | | | | | | | | | | |
| | | | minor. | | | | | | | | | | | | |
| | | | 85.0'-91.0' - dark green chloritic biotite quartzite, foliation | | | | | | | | | | | | |
| | | | at 5$^{o}$-10$^{o}$ to core axis, quartz carbonate shear zone at 0$^{o}$ - | | | | | | | | | | | | |
| | | | 1$^{o}$-2$^{o}$ to core axis, skirts edge of core - disseminations + | | | | | | | | | | | | |
| | | | stringers sulphides, pyrite-chalcopyrite-pyrrhotite. | | | | | | | | | | | | |
| | | | 91.0'-96.0' - dark grey-green quartzite chlorite biotite, faint | | | | | | | | | | | | |
| | | | foliations at 25$^{o}$ to core axis, becoming laminated from 94.0' | | | | | | | | | | | | |
| | | | with laminations at 30$^{o}$-35$^{o}$ to core axis, disseminated pyrrhotite. | | | | | | | | | | | | |
| | | | 96.0'-108.0' - medium green chloritic quartzite, quartz carbonate | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76.0' | 108.0' | (cont.) | stringers parallel to foliation, foliation at 15°-20° to core | | | | | | | | | | | |
| | | | axis, fine grained chloritic laminations, minor disseminated | | | | | | | | | | | |
| | | | pyrrhotite with biotite layers. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 108.0' | 116.0' | 8.0' | Quartzose healed shear zone, quartz vein, quartz carbonate | | | | | | | | | | | |
| | | | veining with sulphides and minor visible gold, pyrite-pyrrhotite- | | | | | | | | | | | |
| | | | chalcopyrite-visible gold. | 108.0' | 110.0' | 2.0' | 66908 | 0.007 | L0.01 | | | | | |
| | | | 108.0'-109.5' - narrow ½"-1" quartz vein, healed silicified | 110.0' | 111.5' | 1.5' | 66909 | 0.001 | L0.01 | | | | | |
| | | | shear at 5° to core axis, sulphides on margins of chlorite- | 111.5' | 113.0' | 1.5' | 66910 | 0.001 | L0.01 | | | | | |
| | | | biotite schlieren. | | | | | | | | | | | |
| | | | 109.5'-110.0' - quartzose to quartz vein, schlieren at 5° to | | | | | | | | | | | |
| | | | core axis, disseminated pyrite-pyrrhotite, chalcopyrite in quartz | | | | | | | | | | | |
| | | | + on margins. | | | | | | | | | | | |
| | | | 110.0'-111.5' - quartz vein, blue-green colour, disseminated | | | | | | | | | | | |
| | | | pyrite-pyrrhotite-visible gold-chlorite, schlieren at 65° to | | | | | | | | | | | |
| | | | core axis, contact at 111.5' at 40° to core axis. | | | | | | | | | | | |
| | | | 111.5'-112.0' - contorted laminated dark green quartzite, silicified, | | | | | | | | | | | |
| | | | quartz carbonate laminations, disseminated pyrrhotite, pyrite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 108.0' | 116.0' | (cont.) | 112.0'-112.7' - quartz carbonate vein with sulphides at 50° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 112.7'-115.0' - dark green sheared looking chloritic quartzite, | | | | | | | | | | | |
| | | | planes at 30°-35° to core axis, minor quartz carbonate stringers | | | | | | | | | | | |
| | | | parallel to planes. | | | | | | | | | | | |
| | | | 115.0'-116.0' - quartzose "vein" parallel to lamination at 25° | | | | | | | | | | | |
| | | | to core axis, decreasing to 0-5° to core axis at 116.0', very | | | | | | | | | | | |
| | | | minor to no sulphides noted. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 116.0' | 141.0' | 25.0' | Medium to dark green quartzite, chloritic, contorted quartz | | | | | | | | | | | |
| | | | carbonate veining parallel to foliation, quartzose zone with | | | | | | | | | | | |
| | | | cross-cutting veins, quartz carbonate veins. | | | | | | | | | | | |
| | | | 116.0'-119.0' - chloritic quartzite, contorted laminations | | | | | | | | | | | |
| | | | quartz carbonate and chlorite, general foliation at 20° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 119.0'-120.0' - ptygmatic quartz vein in chlorite "schist"/ | | | | | | | | | | | |
| | | | quartzite, axial plane parallel to foliation at 30° to core axis. | | | | | | | | | | | |
| | | | 120.0'-126.5' - dark green to dark green-brown quartzite, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 116.0' | 141.0' | (cont.) | silicified quartzose zone from 124.0'-125.0' with quartz-carbonate | | | | | | |
| | | | veins parallel to foliation at $5^{\circ}$-$10^{\circ}$ to core axis. | 126.5' | 128.5' | 2.0' | 66911 | 0.003 | L0.01 |
| | | | 126.5'-128.5' - quartz carbonate vein, upper contact at $35^{\circ}$ to | | | | | | |
| | | | core axis, lower at 127.0' at $10^{\circ}$-$15^{\circ}$ to core axis, quartzose | | | | | | |
| | | | vein + healed shear to 128.5', disseminations + stringers | | | | | | |
| | | | pyrrhotite-pyrite-chalcopyrite. | | | | | | |
| | | | 128.5'-132.5' - dark brown quartzite, lamination parallel to | | | | | | |
| | | | core axis, biotite, disseminated pyrrhotite, quartz carbonate | | | | | | |
| | | | stringers parallel to foliation. | | | | | | |
| | | | 132.5'-134.0' - quartzose zone, ptygmatic veining, minor | | | | | | |
| | | | sulphides. | | | | | | |
| | | | 134.0'-141.0' - dark green-brown quartzite, faint foliation at | | | | | | |
| | | | $20^{\circ}$ to core axis, minor quartz carbonate stringers with minor | | | | | | |
| | | | pyrite, pyrrhotite, chalcopyrite. | | | | | | |
| | | | | | | | | | |
| 141.0' | 157.0' | 16.0' | Quartz veined, quartz carbonate veined zone, in dark brown-green | | | | | | |
| | | | quartzite, laminated in part, disseminated pyrrhotite. | | | | | | |
| | | | 141.0'-146.5' - quartz carbonate vein, parallel to core axis, | 141.0' | 143.0' | 2.0' | 66912 | 0.002 | L0.01 |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED: Feb. 20, 1985
COMPANY NAME: Mono Gold Mines Inc.
PROPERTY NAME: Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 141.0' | 157.0' | (cont.) | cuts quartzite, quartzose on one side vein with disseminated | | | | | | |
| | | | pyrite, pyrrhotite, chalcopyrite. | | | | | | |
| | | | 146.5'-148.5' - ptygmatic veining of quartz carbonate veins in | | | | | | |
| | | | much contorted, foliated quartzite. | | | | | | |
| | | | 148.5'-152.0' - quartz carbonate-chlorite vein at 10° to core | | | | | | |
| | | | axis cutting dark chloritic quartzite, disseminated sulphides, | | | | | | |
| | | | blebs of pyrite in part. | 150.0' | 152.0' | 2.0' | 66913 | 0.176 | 0.01 |
| | | | 152.0'-157.0' - dark green laminated quartzite, laminations at | | | | | | |
| | | | 30° to core axis, quartzose layers at 153.5', 155.0' and 156.5', | | | | | | |
| | | | minor sulphides. | | | | | | |
| | | | | | | | | | |
| 157.0' | 163.0' | 6.0' | Grey-green laminated quartzite, laminations at 30° to core axis, | | | | | | |
| | | | increasing quartz feldspar to quartz carbonate content of | | | | | | |
| | | | laminae from 160.0'. | | | | | | |
| | | | | | | | | | |
| 163.0' | 169.0' | 6.0' | Healed shear zone, contacts at 30° to core axis, quartz veins | | | | | | |
| | | | at 163.0', 165.0'-166.0', 167.0'-167.6', 168.0'-169.0', | | | | | | |
| | | | ptygmatic veining at 163.0', much disseminated pyrrhotite in | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 163.0' | 169.0' | (cont.) | chlorite schlieren but minor pyrite associated quartz veins. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 169.0' | 223.0' | 54.0' | Dark brown laminated biotite quartzite, with quartzose layers | | | | | | | | | | | |
| | | | + ptygmatic veining, quartzose zone with much increased quartzose | | | | | | | | | | | |
| | | | feldspathic layering, medium green-brown laminated quartzite, | | | | | | | | | | | |
| | | | chlorite biotite + quartzose feldspathic layers, minor quartz | | | | | | | | | | | |
| | | | veining, minor disseminated pyrite, some disseminations pyrrhotite | | | | | | | | | | | |
| | | | associated, biotite in laminations. | | | | | | | | | | | |
| | | | 169.0'-186.0' - laminated quartzite, laminations at $30^{\circ}$- $35^{\circ}$, | | | | | | | | | | | |
| | | | minor disseminated pyrite. | | | | | | | | | | | |
| | | | 186.0'-196.0' - laminated quartzite, strong quartzose feldspathic | | | | | | | | | | | |
| | | | layers, chlorite layers, disseminations + stringers pyrrhotite- | | | | | | | | | | | |
| | | | pyrite-chalcopyrite in part at 192.5', 193.0', 195.0' foliation | | | | | | | | | | | |
| | | | at $25^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 196.0'-208.0' - darker brown quartzite, foliation at $35^{\circ}$-$40^{\circ}$ | | | | | | | | | | | |
| | | | to core axis, quartzose layers, sulphide vein at 198.0', | | | | | | | | | | | |
| | | | associated carbonate. | | | | | | | | | | | |
| | | | 208.0'-223.0' - green quartzite, foliation at $30^{\circ}$ to core axis, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No | Au | Ag | | | | | |
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 169.0' | 223.0' | (cont.) | much disseminated pyrrhotite, minor quartz carbonate veins. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 223.0' | 228.5' | 5.5' | Quartzose zone, healed shear zone/breccia zone, quartz veins | | | | | | | | | | | |
| | | | at 85° to core axis, disseminated pyrite + chalcopyrite and | | | | | | | | | | | |
| | | | stringers, general foliation of quartz veining and quartzose | | | | | | | | | | | |
| | | | country rock is 70° to core axis, dark pyrrhotite rich biotite | | | | | | | | | | | |
| | | | quartzite at 224.0'-225.5'. | | | | | | | | | | | |
| | | | 226.5'-228.5' - dark brown "quartzose" quartzite, laminations at | | | | | | | | | | | |
| | | | 65° to core axis, increased pyrrhotite associated biotite | | | | | | | | | | | |
| | | | quartzite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 228.5' | 235.0' | 6.5' | Light grey-green quartzose zone, silicified, contact at 228.5' | | | | | | | | | | | |
| | | | at 20° to core axis, cross-cuts dark biotite quartzite laminations, | | | | | | | | | | | |
| | | | quartz vein at 229.0', chlorite-carbonate - minor sulphides. | | | | | | | | | | | |
| | | | 231.0'-233.0' - quartz vein, upper contact at 75° to core axis, | 231.0' | 233.0' | 2.0' | 66914 | 0.002 | L0.01 | | | | | |
| | | | veins, stringers + blebs sulphides - pyrite-chalcopyrite- | | | | | | | | | | | |
| | | | pyrrhotite within quartz, disseminated chlorite and amphiboles, | | | | | | | | | | | |
| | | | hornblende crystals to several mm + 1 mm across. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 20, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228.5' | 235.0' | (cont.) | 233.0'-235.0' - quartzose zone, disseminated pyrrhotite, fine | | | | | | | | | | | | |
| | | | grained. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 235.0' | 246.0' | 11.0' | Dark grey-brown quartzose zone, quartzite with laminations at | | | | | | | | | | | | |
| | | | $45^{o}$ to core axis. | | | | | | | | | | | | |
| | | | 240.0'-244.0' - chloritic quartzite, disseminated pyrrhotite, | | | | | | | | | | | | |
| | | | laminations at $45^{o}$-$50^{o}$ to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 246.0' | 256.0' | 10.0' | Medium grey coloured quartzite, laminated chlorite layers + | | | | | | | | | | | | |
| | | | quartzose feldspathic layers at $40^{o}$-$45^{o}$ to core axis, knots of | | | | | | | | | | | | |
| | | | biotite and amphiboles from 250.0', quartz vein at 246.8' at | | | | | | | | | | | | |
| | | | $40^{o}$ to core axis, 0.25' true thickness, pyrite-chalcopyrite- | | | | | | | | | | | | |
| | | | pyrrhotite in quartz carbonate vein, parallel to foliation. | | | | | | | | | | | | |
| | | | 254.5' - quartz carbonate vein at $30^{o}$ to core axis, pyrite and | | | | | | | | | | | | |
| | | | minor amphiboles in vein becoming bleached grey looking, quartz | | | | | | | | | | | | |
| | | | sericite schist? | | | | | | | | | | | | |
| | | | 256.0' - End of Hole. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 37+65N |
| | 31+25E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 21, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: ACID ETCH | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | $105^{\circ}$ | $-50^{\circ}$ |
| 246' | $105^{\circ}$ | $-39^{\circ}$ |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test strike extension of surface veins

HOLE No DDH-85-7
CLAIM NAME No EO 652301
COMMENCED Feb. 17, 1985
FINISHED Feb. 18, 1985
FINAL DEPTH 246.0'
PROJECT No

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 8.0' | 0' | Overburden. 0'-11.0' - Casing. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 8.0' | 11.0' | 2.0' | Quartz sericite schist, pyritic, oxidized - weathered, quartz | | | | | | | | | | | |
| | | | vein fragments at top, foliation at $45^{\circ}$ to core axis, | | | | | | | | | | | |
| | | | carbonate. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11.0' | 26.0' | 15.0' | Pale grey quartz-sericite schist, much disseminated pyrite, | | | | | | | | | | | |
| | | | pyrrhotite and chalcopyrite - to $10^{\circ}$-$15^{\circ}$ by volume, very | | | | | | | | | | | |
| | | | contorted foliation, $S_2$ foliation contorted, $S_3$ axial planes | | | | | | | | | | | |
| | | | are the predominant foliation/lamination in sequence. | | | | | | | | | | | |
| | | | 11.0'-16.0' - lustrous sericite shear, foliation $S_3$ at $40^{\circ}$-$45^{\circ}$ | | | | | | | | | | | |
| | | | to core axis, much disseminated pyrite-pyrrhotite-chalcopyrite. | | | | | | | | | | | |
| | | | 16.0'-18.0' - darker mafic chlorite/biotite $S_2$ laminations, | | | | | | | | | | | |
| | | | folded, $S_3$ foliation at $45^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 18.0'-24.0' - series tight isoclinal folds in $S_2$ planes, | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.0' | 26.0' | (cont.) | sense of folding indicates fold axis up-hole at 18.0', while | | | | | | | | | | | |
| | | | 19.0'-20.0' is W-folds - axial plane of synclinal fold through | | | | | | | | | | | |
| | | | here, with 21.0'-24.0' a Z-configuration. At 23.0' - series | | | | | | | | | | | |
| | | | of quartzose veins parallel to $S_2$ foliation + incorporated in | | | | | | | | | | | |
| | | | $S_3$ foliation, $S_3$ foliation at $30^o$ to core axis. Much dissemi- | | | | | | | | | | | |
| | | | nated pyrite-pyrrhotite-chalcopyrite through this section, | | | | | | | | | | | |
| | | | 15%-20% disseminated. | | | | | | | | | | | |
| | | | 24.0'-26.0' - increase in mafic components in $S_2$ foliation, | | | | | | | | | | | |
| | | | plus increased pyrrhotite-pyrite, becoming quartz-sericite- | | | | | | | | | | | |
| | | | chlorite-biotite schist. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 26.0' | 61.0' | 35.0' | **Medium grey, foliated quartz sericite schist, darker laminated/** | | | | | | | | | | | |
| | | | **layers with disseminated pyrrhotite, chlorite + fine grained** | | | | | | | | | | | |
| | | | **biotite in part, zones of much increased sulphide content -** | | | | | | | | | | | |
| | | | **sulphides pyrite-pyrrhotite-chalcopyrite-galena-sphalerite,** | | | | | | | | | | | |
| | | | **zone of quartz-carbonate veining and sulphide veins, foliation** | | | | | | | | | | | |
| | | | **represents minimum $S_3$ planes - if not even $S_4$, foliation** | | | | | | | | | | | |
| | | | **generally at $30^o$-$35^o$ to core axis.** | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | ASSAYS Cu | ASSAYS Pb | ASSAYS Zn | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | % | % | % | | |
| 26.0' | 61.0' | (cont.) | 26.0'-28.0' - mafic component and layers higher so dark colour, | | | | | | | | | | | |
| | | | increased pyrrhotite-chalcopyrite disseminations. | | | | | | | | | | | |
| | | | 28.0'-31.0' - light grey quartz-sericite schist, disseminated | 28.0' | 30.0' | 2.0' | 66915 | L0.001 | 0.05 | 0.03 | 0.03 | 0.06 | | |
| | | | pyrite-galena-sphalerite-chalcopyrite - margins of massive | | | | | | | | | | | |
| | | | sulphide deposit, foliation at 35° to core axis. | | | | | | | | | | | |
| | | | 31.0'-34.0' - increased mafic content in layers, sulphide vein | 31.0' | 34.0' | 3.0' | 66916 | L0.001 | 0.05 | 0.08 | 0.01 | 0.20 | | |
| | | | at 31.5' and 32.0' and 32.5', pyrrhotite-pyrite-galena-sphalerite- | | | | | | | | | | | |
| | | | chalcopyrite. | | | | | | | | | | | |
| | | | 34.0'-44.0' - quartz-sericite schist, disseminated pyrrhotite- | | | | | | | | | | | |
| | | | pyrite-chalcopyrite, darker layers/bands from 38.0'-41.0' with | | | | | | | | | | | |
| | | | quartz segregations, foliation at 70° to core axis. | | | | | | | | | | | |
| | | | 44.0'-45.0' - quartz vein, carbonate on margins with pyrite- | | | | | | | | | | | |
| | | | chalcopyrite, contacts parallel to foliation at 5°-25° to core | | | | | | | | | | | |
| | | | axis, slight contortion. | | | | | | | | | | | |
| | | | 45.0'-50.0' - darker layers of chlorite-biotite, fine grained | | | | | | | | | | | |
| | | | in quartz sericite schist, disseminated pyrite-pyrrhotite-chalco- | | | | | | | | | | | |
| | | | pyrite to 5%-10%, foliation at 45°-50° to core axis here. | | | | | | | | | | | |
| | | | 50.0'-54.0' - quartz carbonate vein with contacts at 80° to | 50.0' | 52.5' | 2.5' | 66917 | 0.004 | L0.01 | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26.0' | 61.0' | (cont.) | core axis from 50.0'-50.6' - botryoidal marcasite, pyrite, | | | | | | | | | | | |
| | | | chalcopyrite disseminations, silicified quartz sericite schist | | | | | | | | | | | |
| | | | to 54.0' where healed shear with quartz carbonate vein at $15^{\circ}$ | | | | | | | | | | | |
| | | | to core axis parallels foliation or shear planes, much dissemi- | | | | | | | | | | | |
| | | | nated pyrite-chalcopyrite-pyrrhotite in quartz vein + | | | | | | | | | | | |
| | | | footwall. | | | | | | | | | | | |
| | | | 54.0'-61.0' - very sulphidic quartz sericite schist, veins/layers | | | | | | | | | | | |
| | | | sulphides parallel to foliation and as disseminated blebs, | | | | | | | | | | | |
| | | | foliation at $45^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 61.0' | 70.0' | 9.0' | Dark grey-brown garnetiferous laminated "schist"/quartzite, | | | | | | | | | | | |
| | | | much disseminated pyrrhotite, and chlorite. | | | | | | | | | | | |
| | | | 61.0'-63.0' - laminated garnet-chlorite-pyrrhotite quartzite, | | | | | | | | | | | |
| | | | laminations at $40^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 63.0'-70.0' - darker more chloritic-mafic garnetiferous quartzite, | | | | | | | | | | | |
| | | | garnet-chlorite-pyrrhotite-quartzite, laminations - well | | | | | | | | | | | |
| | | | developed at $40^{\circ}$ to core axis, pyrrhotite + garnets to 1 mm across. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 70.0' | 78.0' | 8.0' | Mixed garnet chlorite schist and chlorite sericite schist, | | | | | | |
| | | | quartz carbonate veining parallel to foliation at $30^\circ$-$35^\circ$ to | | | | | | |
| | | | core axis at 72.5' and 74.5', garnets and pyrrhotite increased | | | | | | |
| | | | with darker colour/chlorite from 74.0'. | | | | | | |
| | | | | | | | | | |
| 78.0' | 90.0' | 12.0' | Quartz veined, increasingly quartzose, garnet-chlorite-quartzite, | | | | | | |
| | | | laminated but contorted around quartzose zones, much pyrrhotite | | | | | | |
| | | | associated garnets + chlorite, pyrrhotite-pyrite-chalcopyrite | | | | | | |
| | | | associated quartz-carbonate veins, veins at 78.0'-79.0', | | | | | | |
| | | | 80.0'-80.3', 82.0', 83.5'-84.0', 89.5'-89.7'. | 78.0' | 80.5' | 2.5' | 66918 | 0.015 | 0.02 |
| | | | | | | | | | |
| 90.0' | 108.0' | 18.0' | Siliceous dark brown to dark green quartzite, foliated + faintly | | | | | | |
| | | | laminated, quartzose zones and quartz veins, dark biotite-chlorite- | 90.0' | 93.0' | 3.0' | 66919 | 0.005 | 0.02 |
| | | | quartzite, much reduced to very minor disseminated pyrrhotite. | | | | | | |
| | | | 90.0'-91.0' - quartz - minor carbonate vein, contacts at $60^\circ$-$65^\circ$ | | | | | | |
| | | | to core axis, foliation in quartzite at $45^\circ$-$50^\circ$ to core axis, | | | | | | |
| | | | pyrite-chalcopyrite-pyrrhotite in vein + with chlorite schlieren | | | | | | |
| | | | on vein margins. | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED: Feb. 21, 1985
COMPANY NAME: Mono Gold Mines Inc.
PROPERTY NAME: Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS |
|---|---|---|---|---|---|---|---|---|
| 90.0' | 108.0' | (cont.) | 91.3'-91.7' - healed quartz vein breccia zone, biotite-chlorite-pyrite. | | | | | |
| | | | 91.7'-95.0' - dark green-brown chlorite-biotite, laminated quartz carbonate vein at 73.5' at 30° to core axis with pyrite, laminations at 40° to core axis. | | | | | |
| | | | 95.0'-97.0' - quartzose vein? at 40° to core axis, very minor pyrrhotite. | | | | | |
| | | | 97.0'-108.0' - similar dark brown-green quartzite, laminations 40°-45° to core axis, increasing amounts disseminated pyrrhotite to 108.0'. | | | | | |
| 108.0' | 133.0' | 25.0' | Dark brown chlorite-biotite quartzite, laminated, quartzose zones and quartz veins with minor to fair amount of sulphides, disseminated pyrrhotite in quartzites. | | | | | |
| | | | 108.0'-109.0', 110.5'-112.0' - quartzose zones, quartz veins both contacts at 80° to core axis, minor pyrite, mainly on fractures. | | | | | |
| | | | 112.0'-122.0' - chloritic dark brown quartzite, laminations at | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108.0' | 133.0' | (cont.) | 50° to core axis, quartzose zones at 114.0', 119.0', very | | | | | | | | | | | |
| | | | minor sulphides. | | | | | | | | | | | |
| | | | 122.0'-125.0' - quartz vein at 122.0'-123.0', quartz carbonate- | 122.0' | 124.0' | 2.0' | 66920 | 0.002 | L0.01 | | | | | |
| | | | chlorite veining, minor pyrite from 123.0'-124.0' - pyritic + | | | | | | | | | | | |
| | | | pyrrhotite rich stringers in quartzose/chlorite schlieren margin | | | | | | | | | | | |
| | | | to vein. | | | | | | | | | | | |
| | | | 125.0'-133.0' - dark brown quartzite, chloritic bands from | | | | | | | | | | | |
| | | | 127.0'-131.0', rest laminated biotite-chlorite + quartzose | | | | | | | | | | | |
| | | | feldspathic layers, foliation at 40° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 133.0 | 144.0 | 11.0' | Zone of laminated dark brown quartzite, chlorite-biotite layers, | | | | | | | | | | | |
| | | | quartzose zones and quartzose feldspathic layers, quartz | | | | | | | | | | | |
| | | | carbonate and sulphide veins in part. | | | | | | | | | | | |
| | | | 133.5'-135.5' - quartz veins, quartz carbonate veins - sulphide | 133.5' | 135.5' | 2.0' | 66921 | 0.146 | 0.01 | | | | | |
| | | | veins parallel to laminations at 30° to core axis, pyrite- | | | | | | | | | | | |
| | | | pyrrhotite-chalcopyrite and visible gold at 134.1', shear?. | | | | | | | | | | | |
| | | | 137.5'-139.0' - quartzose veined zone, very minor sulphides. | | | | | | | | | | | |
| | | | 139.0'-144.0' - brown laminated quartzite, laminations at 60° to | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 133.0' | 144.0' | (cont.) | core axis, quartzose feldspathic layers. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 144.0' | 155.0' | 11.0' | Quartzose zone, quartz veined, quartz carbonate veined, | | | | | | | | | | | |
| | | | quartzose feldspathic layers parallel to laminations in dark | | | | | | | | | | | |
| | | | brown quartzite, laminations at 40° to core axis. | | | | | | | | | | | |
| | | | 144.0'-146.0' - healed shear zone, quartz + quartz carbonate | 143.5' | 145.5' | 2.0' | 66922 | 0.275 | 0.05 | | | | | |
| | | | veined sulphides as blebs and disseminations, pyrite-chalco- | | | | | | | | | | | |
| | | | pyrite-pyrrhotite - visible gold at 144.5'. | | | | | | | | | | | |
| | | | 146.0'-148.0' - healed shear zone, quartz carbonate vein, | 146.0' | 148.0' | 2.0' | 66923 | 0.173 | 0.02 | | | | | |
| | | | blue quartz, much disseminated pyrite-pyrrhotite-chalcopyrite, | | | | | | | | | | | |
| | | | tellurides?, contacts at 146.3' and 148.0' at 35° to core axis. | | | | | | | | | | | |
| | | | 148.0'-151.0' - dark brown quartzite, laminations at 50° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 151.0'-154.5' - quartz veins, contacts at 75° to core axis, | 151.0' | 154.5' | 3.5' | 66924 | 0.002 | L0.01 | | | | | |
| | | | much disseminated pyrite-pyrrhotite-chalcopyrite, with blebs, | | | | | | | | | | | |
| | | | stringers of pyrite-chalcopyrite. | | | | | | | | | | | |
| | | | 154.5'-155.0' - dark brown quartzite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn – Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 155.0' | 170.0' | 15.0' | Dark brown laminated quartzite, chlorite/biotite layers, minor | | | | | | |
| | | | disseminated pyrrhotite, quartz + quartzose feldspathic | | | | | | |
| | | | laminations, minor quartz carbonate stringers. | | | | | | |
| | | | 161.0'-164.5' – quartz veins + quartz carbonate veins, at high | | | | | | |
| | | | angles, foliation at $65^{o}$-$70^{o}$ to core axis. | | | | | | |
| | | | | | | | | | |
| 170.0' | 185.0' | 15.0' | Quartzose zones, quartz veins in similar brown laminated quartzite, | | | | | | |
| | | | minor pyrrhotite, quartzose feldspathic layers, etc., chloritic | | | | | | |
| | | | layers increase in part. | | | | | | |
| | | | 170.0'-172.0' – quartz vein at $70^{o}$ to core axis, disseminated | 170.0' | 172.0' | 2.0' | 66925 | L0.001 | L0.01 |
| | | | chalcopyrite, pyrite – very fine grained disseminated pyrite + | | | | | | |
| | | | molybdenite?/galena? – very blue colour – suspect $MoS_2$, – vein | | | | | | |
| | | | 170.0'-170.7'. | | | | | | |
| | | | 172.0'-179.0' – similar dark brown quartzite quartzose zones, | | | | | | |
| | | | quartz-carbonate veins, foliation contorted in part, generally | | | | | | |
| | | | at $50^{o}$-$60^{o}$ to core axis. | | | | | | |
| | | | 179.0'-181.0' – quartz vein, quartz carbonate, pyrite + chalco- | 179.6' | 181.0' | 2.0' | 66926 | 0.003 | L0.01 |
| | | | pyrite associated fractures. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | Ag | | | | | |
| 170.0' | 185.0' | (cont.) | 181.0'-185.0' - increasingly chloritic quartzite, decreased | | | | | oz/ton | oz/ton | | | | | |
| | | | biotite + pyrrhotite laminations at 50° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 185.0' | 196.0' | 11.0' | Dark green-brown biotite quartzite, laminated at 40° to core | | | | | | | | | | | |
| | | | axis, quartzose zones with quartz veins + sulphides becoming | | | | | | | | | | | |
| | | | more chloritic to 196.0' from 190.0'. | | | | | | | | | | | |
| | | | 185.0'-185.5' - quartz vein at 40° to core axis, no sulphides. | | | | | | | | | | | |
| | | | 187.0'-188.5' - quartz carbonate veins, quartz vein with sulphides, | 187.0' | 188.5' | 1.5' | 66927 | <0.001 | 0.02 | | | | | |
| | | | at 40°-50° to core axis, disseminated pyrite-chalcopyrite. | | | | | | | | | | | |
| | | | 188.5'-196.0' - dark brown laminated quartzite, foliation at | | | | | | | | | | | |
| | | | 50°- 55° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 196.0' | 218.0' | 22.0' | Dark green-brown quartzite, laminated, biotite/chlorite layers, | | | | | | | | | | | |
| | | | quartzose feldspathic layers, disseminated pyrrhotite, associated | | | | | | | | | | | |
| | | | biotite layers, foliation throughout. | | | | | | | | | | | |
| | | | 211.0'-212.0' - quartzose zone, quartz carbonate vein at 80° to | | | | | | | | | | | |
| | | | core axis, minor pyrite-pyrrhotite at 35°-40° to core axis. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 218.0' | 231.0' | 13.0' | Quartz vein contact to garnet-biotite-chlorite, laminated | | | | | | | | | | | |
| | | | quartzite, increased disseminated pyrrotite, quartz carbonate | | | | | | | | | | | |
| | | | veining with sulphides, to dark brown pyrrhotite-pyrite-biotite | | | | | | | | | | | |
| | | | "schist". | | | | | | | | | | | |
| | | | 218.0'-219.0' - quartz vein, minor pyrite, biotite - chlorite | | | | | | | | | | | |
| | | | schlieren paralleling at 25$^{o}$ to core axis. | | | | | | | | | | | |
| | | | 219.0'-222.0' - dark green-brown chlorite-biotite schist, | | | | | | | | | | | |
| | | | garnets + pyrrhotite-pyrite as layers to 1-2 cm thick. | | | | | | | | | | | |
| | | | 222.0'-225.0' - chlorite-garnet-biotite schist, pyrrhotite | | | | | | | | | | | |
| | | | disseminations. | | | | | | | | | | | |
| | | | 225.0'-226.5' - quartz carbonate vein at 25$^{o}$ to core axis, | 225.0' | 226.5' | 1.5' | 66928 | L0.001 | L0.01 | | | | | |
| | | | stringers pyrite-chalcopyrite-pyrrhotite + blebs. | | | | | | | | | | | |
| | | | 226.5'-231.0' - pyrrhotite-chalcopyrite "layers," increased | | | | | | | | | | | |
| | | | sulphides, in dark biotite chlorite schist. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 231.0' | 246.0' | 15.0' | Light medium grey quartz sericite chlorite schist, contorted $S_2$ | | | | | | | | | | | |
| | | | foliation with $S_3$ foliation at 20$^{o}$-25$^{o}$ to core axis, much | | | | | | | | | | | |
| | | | increased sulphide content with 236.0'-241.0' containing 15%-20% | 236.0' | 238.0' | 2.0' | 66929 | 0.002 | 0.02 | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231.0' | 246.0' | (cont.) | sulphides, similar schist to end of hole at 246.0'. | | | | | | | | | | | | |
| | | | 246.0' - End of Hole. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 37+65N |
| | 31+25E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Gordon D. House |
| DATE LOGGED | Feb. 21, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: ACID ETCH | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 105° | -60° |
| 256' | 105° | -52° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN - NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To test strike and down-dip extensions of surface quartz veins

HOLE No. DDH-85-8
CLAIM NAME No. EO 652301
COMMENCED Feb. 19, 1985
FINISHED Feb. 20, 1985
FINAL DEPTH 256.0'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 6.0' | 0' | Overburden, casing. | | | | | | | | | | | | |
| 6.0' | 10.0' | 2.5' | Oxidized quartzose quartz sericite schist, rusty. | | | | | | | | | | | | |
| 10.0' | 12.5' | 2.5' | Quartz vein zone, disseminated pyrrhotite, pyrite, contorted quartz vein in dark grey sericite schist. | | | | | | | | | | | | |
| 12.5' | 25.0' | 12.5' | Pyritic dark grey quartz sericite schist, contorted foliation, suggestions from DDH-85-7 that dominant foliation is $S_3$. foliation at $30^\circ$-$35^\circ$ to core axis, suggestion of synclinal axis around 18.0'. | | | | | | | | | | | | |
| 25.0' | 36.0' | 11.0' | Dark brown biotite rich quartz sericite schist, much disseminated pyrrhotite-chalcopyrite associated, - biotite-pyrrhotite schist, chloritic, foliation at $40^\circ$ to core axis. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.0' | 36.0' | (cont.) | 28.0'-28.5' - white quartz vein, very minor pyrite associated, | | | | | | | | | | | |
| | | | contacts parallel to foliation. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 36.0' | 77.0' | 41.0' | Medium grey foliated/laminated quartz-sericite-chlorite schist, | 38.5' | 40.5' | 2.0' | 66930 | L0.001 | L0.01 | | | | | |
| | | | slightly talcose in part, quartz zones + quartz veins - with | | | | | | | | | | | |
| | | | disseminations + stringer sulphides, darker biotite zones, | | | | | | | | | | | |
| | | | increased pyrrhotite-chalcopyrite-pyrite from 50.0'-61.0'. | | | | | | | | | | | |
| | | | 38.5'-40.5' - quartz vein in quartzose zone, contacts at $10^{o}$-$15^{o}$ | | | | | | | | | | | |
| | | | to core axis, disseminations + blebs pyrite-chalcopyrite- | | | | | | | | | | | |
| | | | pyrrhotite, chlorite, quartz vein cross-cutting foliation. | | | | | | | | | | | |
| | | | 40.5'-53.0' - quartz sericite schist, foliation contorted, $S_3$ | | | | | | | | | | | |
| | | | planes at $10^{o}$-$20^{o}$ to core axis, much disseminated pyrite- | | | | | | | | | | | |
| | | | pyrrhotite. | | | | | | | | | | | |
| | | | 53.0'-60.0' - darker biotite layers, very chloritic-biotitic, | | | | | | | | | | | |
| | | | much disseminated pyrrhotite, foliation at $40^{o}$ to core axis. | | | | | | | | | | | |
| | | | 60.0'-73.0' - grey quartz sericite schist, contorted foliation, | | | | | | | | | | | |
| | | | generally at low angles $10^{o}$-$20^{o}$ to core axis, much disseminated | | | | | | | | | | | |
| | | | pyrite-pyrrhotite associated foliation, chloritic-sericitic + | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36.0' | 77.0' | (cont.) | "talcose" in part. | | | | | | | | | | | |
| | | | 73.0'-77.0' - similar schist, contorted foliation with $S_3$ at $10^o$ | | | | | | | | | | | |
| | | | to core axis, increased pyrrhotite-pyrite-chalcopyrite dissemi- | | | | | | | | | | | |
| | | | nations. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 77.0' | 82.0' | 5.0' | Quartzose zone, quartz veins, quartz carbonate veins, sulphides, | | | | | | | | | | | |
| | | | contacts at $40^o$ to core axis upper + $70^o$ to core axis lower, | | | | | | | | | | | |
| | | | lower contact at 81.0' - involves contorted schlieren of garnet | | | | | | | | | | | |
| | | | with biotite schist, quartz vein zone from 78.0'-81.0'. | 78.0' | 81.0' | 3.0' | 66931 | 0.026 | 0.02 | | | | | |
| | | | | | | | | | | | | | | |
| 82.0' | 95.0' | 13.0' | Dark green-brown chloritic biotite quartzite, garnets disseminated | | | | | | | | | | | |
| | | | through 82.0' to 86.5' obscuring foliation, 86.5'-95.0' - strongly | | | | | | | | | | | |
| | | | laminated chloritic quartzite, decreased disseminated garnets, | | | | | | | | | | | |
| | | | strong pyrrhotite decreases also. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 95.0' | 110.0' | 15.0' | Dark brown fine grained, faintly laminated quartzite, foliation | | | | | | | | | | | |
| | | | at $5^o$-$10^o$ to core axis throughout, disseminated pyrrhotite | | | | | | | | | | | |
| | | | associated foliation, very biotitic. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110.0' | 113.0' | 3.0' | Quartz vein, quartz carbonate vein, contacts at $15^{\circ}$-$20^{\circ}$ to core | | | | | | | | | | | |
| | | | axis, dark green-blue colour, fine grained disseminated | 110.0' | 113.0' | 3.0' | 66932 | 0.001 | L0.01 | | | | | |
| | | | pyrrhotite-pyrite-chalcopyrite, blebs pyrite-pyrrhotite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 113.0' | 125.0' | 12.0' | Dark greenish brown quartzite, quartzose zones, quartz veins - | | | | | | | | | | | |
| | | | minor carbonate, minor sulphides, lamination generally at | | | | | | | | | | | |
| | | | $15^{\circ}$-$20^{\circ}$ to core axis, chloritic bands, reduced pyrrhotite | | | | | | | | | | | |
| | | | disseminations. | | | | | | | | | | | |
| | | | 124.0'-125.0' - chloritic quartz vein, disseminated pyrrhotite, | | | | | | | | | | | |
| | | | minor pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 125.0' | 146.0' | 21.0' | Greenish chloritic biotite quartzite, laminations generally | | | | | | | | | | | |
| | | | at $40^{\circ}$ to core axis, quartzose feldspathic segregation + layers, | | | | | | | | | | | |
| | | | parallel to foliation, all cut by quartz carbonate veins at $45^{\circ}$ | | | | | | | | | | | |
| | | | to core axis, cut at right angles to foliation, minor sulphides | | | | | | | | | | | |
| | | | disseminated, none associated quartz veining. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 146.0' | 159.0' | 19.0' | Chloritic dark green-brown quartzite, quartzose zones with | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 146.0' | 159.0' | (cont.) | quartz veins associated sulphides, healed shear/breccia zones, | | | | | | | | | | | |
| | | | dark brown fine grained quartzite, minor disseminated pyrrhotite- | | | | | | | | | | | |
| | | | pyrite. | | | | | | | | | | | |
| | | | 145.0'-147.0' - quartzose zone, quartz veins and chlorite | | | | | | | | | | | |
| | | | schlieren at 35$^{\circ}$ to core axis, quartz carbonate veins in part, | | | | | | | | | | | |
| | | | minor sulphides. | | | | | | | | | | | |
| | | | 148.0'-151.0' - quartzose zone, quartz vein - sulphide veins, | 148.0' | 151.0' | 3.0' | 66933 | 0.001 | L0.01 | | | | | |
| | | | at 40$^{\circ}$ to core axis, quartz carbonate, quartz chlorite vein, | | | | | | | | | | | |
| | | | disseminated sulphides pyrite-chalcopyrite-pyrrhotite. | | | | | | | | | | | |
| | | | 151.0'-159.0' - similar dark green-brown quartzite, foliation | | | | | | | | | | | |
| | | | at 35$^{\circ}$ to core axis, quartzose zones at 155.0'-156.5' and | | | | | | | | | | | |
| | | | 158.0'-158.5' - minor to no sulphides. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 159.0' | 177.0' | 18.0' | Dark green-brown quartzite, laminated, chloritic layers, quartz | | | | | | | | | | | |
| | | | carbonate veins parallel to foliation and cross-cutting foliation, | | | | | | | | | | | |
| | | | biotite rich zone, disseminated pyrrhotite, increased in biotite | | | | | | | | | | | |
| | | | zone. | | | | | | | | | | | |
| | | | 159.0'-165.0' - grey-brown biotite quartzite, quartz vein at | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 159.0' | 177.0' | (cont.) | 161.0', foliation at 30° to core axis. | | | | | | | | | | | |
| | | | 165.0'-167.0' - chlorite-quartzose zone, foliation at 30° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 167.0'-171.0' - increasing biotite content, decreasing quartzose | | | | | | | | | | | |
| | | | alteration. | | | | | | | | | | | |
| | | | 171.0'-177.0' - biotite rich laminated quartzite, 25° to core | 176.0' | 178.0' | 2.0' | 66934 | 0.003 | L0.01 | | | | | |
| | | | axis, increased pyrrhotite content. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 177.0' | 186.0' | 9.0' | Dark brown-green quartzite, foliations at 30° to core axis, | | | | | | | | | | | |
| | | | increased quartz + quartz carbonate veining cross-cutting | | | | | | | | | | | |
| | | | foliation, veins at 40°-45° to core axis, quartz carbonate | | | | | | | | | | | |
| | | | veins at 177.0'-178.0' and 184.0'-186.0'. | 184.0' | 186.0' | 2.0' | 66935 | 0.001 | L0.01 | | | | | |
| | | | | | | | | | | | | | | |
| 186.0' | 195.0' | 9.0' | Quartzose zone in dark biotite siliceous quartzite. | | | | | | | | | | | |
| | | | 190.0'-193.0' - increasing quartz veins at 30° to core axis. | 192.0' | 195.0' | 3.0' | 66936 | 0.110 | L0.01 | | | | | |
| | | | 193.0'-195.0' - quartz vein, white quartz, disseminated pyrite | | | | | | | | | | | |
| | | | and chalcopyrite, blue quartz at 194.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1984
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 195.0' | 223.0' | 28.0' | Dark green-brown laminated quartzite, biotite layers + more | | | | | | | | | | | |
| | | | chloritic layers, silicified/quartzose zones, ptygmatic quartzose | | | | | | | | | | | |
| | | | feldspathic + quartz veins, remobilized appearance, increasing | | | | | | | | | | | |
| | | | chlorite from 190.0'-205.0'. | | | | | | | | | | | |
| | | | 195.0'-198.0' - biotite quartzite, laminations at 35° to core | | | | | | | | | | | |
| | | | axis. | | | | | | | | | | | |
| | | | 198.0'-200.0' - quartzose zone, chloritic ptygmatic veins. | | | | | | | | | | | |
| | | | 200.0'-216.0' - brown quartzite, partly quartzose, quartzose | | | | | | | | | | | |
| | | | feldspathic and quartz carbonate veins and stringers, cross- | | | | | | | | | | | |
| | | | cutting foliation, minor sulphides to very minor sulphides. | | | | | | | | | | | |
| | | | 216.0'-223.0' - increased quartzose feldspathic veining, parallel | | | | | | | | | | | |
| | | | to foliation at 35° to core axis, also increased quartz stringers, | | | | | | | | | | | |
| | | | minor sulphides. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 223.0' | 237.0' | 14.0' | Quartzose zone, quartz veined, quartz carbonate veining, healed | | | | | | | | | | | |
| | | | shear zone - silicified, healed breccia zone with brecciated | | | | | | | | | | | |
| | | | quartz vein material + sulphides, quartz vein with sulphides. | | | | | | | | | | | |
| | | | 223.0'-225.5' - blue-grey-brown quartzose zone, laminations at 25° | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 223.0' | 237.0' | (cont.) | to core axis, disseminated pyrrhotite. | | | | | | |
| | | | 225.0'-227.0' - quartz vein, parallel to core axis, at 20° to | 225.5' | 227.0' | 1.5' | 66937 | 0.035 | L0.01 |
| | | | core axis, sulphides. | | | | | | |
| | | | 227.0'-231.0' - strongly laminated grey-brown biotite-quartz- | | | | | | |
| | | | sericite quartzite,or chloritic? disseminated pyrrhotite on | | | | | | |
| | | | laminations, laminations at 40° to core axis. | | | | | | |
| | | | 231.0'-237.0' - quartzose zone, healed shear breccia zone with | 230.0' | 233.0' | 3.0' | 66938 | 0.010 | L0.01 |
| | | | quartz/quartz carbonate vein, chlorite schlieren and increased | 233.0' | 235.0' | 2.0' | 66939 | 0.043 | L0.01 |
| | | | disseminations and stringers sulphides, pyrite-chalcopyrite- | 235.0' | 237.0' | 2.0' | 66940 | 0.007 | L0.01 |
| | | | pyrrhotite. | | | | | | |
| | | | | | | | | | |
| 237.0' | 256.0' | 19.0' | Dark green-brown laminated quartzite, foliation at 50° throughout, | | | | | | |
| | | | darker + lighter layers, more biotitic + more chloritic, minor | | | | | | |
| | | | disseminated pyrrhotite. | | | | | | |
| | | | 239.0'-242.0' - quartz carbonate narrow veins at 60° to core | | | | | | |
| | | | axis, cross-cut foliation. | | | | | | |
| | | | 244.0'-245.0' - quartzose zone, at 50° to core axis. | | | | | | |
| | | | 249.0'-251.0' - quartzose zone, healed breccia. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED Feb. 21, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn - Northeast Area

HOLE No. DDH-85-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 237.0' | 256.0' | (cont.) | 251.0'-256.0' - dark brown-green quartzite, faint foliation at | | | | | | | | | | | | |
| | | | $60^{\circ}$ to core axis, becomes more chloritic to 256.0', minor | | | | | | | | | | | | |
| | | | pyrrhotite. | | | | | | | | | | | | |
| | | | 256.0' - End of Hole. | | | | | | | | | | | | |

Project Name Bannockburn - Northeast Area | Month February | Year 1985

Mono Gold Mines Inc.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 15882 | 85-1 | 17.6'-19.0' | 1.4' | | 0.045 | L0.02 |
| 15883 | | 19.0'-22.0' | 3.0' | | 0.010 | L0.02 |
| 15884 | | 27.0'-28.5' | 1.5' | | 0.015 | L0.02 |
| 15885 | | 32.5'-34.5' | 2.0' | | 0.010 | L0.02 |
| 15886 | | 36.0'-38.0' | 2.0' | | 0.005 | L0.02 |
| 15887 | | 50.0'-51.0' | 1.0' | | L0.002 | 0.04 |
| 15888 | | 56.5'-57.5' | 1.0' | | 0.390 | 0.04 |
| 15889 | | 64.0'-66.0' | 2.0' | $\frac{1.6775 \text{ oz./ton Au}}{4.0'}$ [ | 3.250 | 0.22 |
| 15890 | | 66.0'-68.0' | 2.0' | [ | 0.105 | 0.06 |
| 15891 | | 98.5'-100.0' | 1.5' | | 0.010 | L0.02 |
| 15892 | | 109.0'-110.5' | 1.5' | $\frac{0.018 \text{ oz./ton Au}}{3.0'}$ [ | 0.015 | L0.02 |
| 15893 | | 110.5'-112.0' | 1.5' | [ | 0.020 | 0.02 |
| 15894 | | 113.0'-114.5' | 1.5' | | L0.002 | L0.02 |
| 15895 | | 120.0'-122.0' | 2.0' | | L0.002 | L0.02 |
| 15896 | | 147.5'-148.5' | 1.0' | | L0.002 | 0.10 |
| 15897 | | 185.0'-187.5' | 2.5' | | L0.002 | 0.06 |
| 15898 | | 197.0'-199.0' | 2.0' | | L0.002 | L0.02 |
| 15899 | | 201.0'-202.0' | 1.0' | | L0.002 | L0.02 |
| 15900 | | 205.0'-207.5' | 2.5' | | L0.002 | L0.02 |

19 Samples

Report 415-0374

Project Name Bannockburn - Northeast Area  Month February  Year 1985

Mono Gold Mines Inc.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 15901 | 85-2 | 11.5'-16.0' | 4.5' | $\frac{0.1275 \text{ oz./ton Au}}{6.0'}$ [ | 0.130 | 0.34 | |
| 15902 | | 16.0'-17.5' | 1.5' | [ | 0.120 | 0.06 | |
| 15903 | | 50.0'-51.0' | 1.0' | | L0.002 | L0.06 | |
| 15904 | | 56.0'-57.0' | 1.0' | | 0.150 | 0.02 | |
| 15905 | | 99.0'-100.0' | 1.0' | | L0.002 | 0.02 | |
| 15906 | | 103.0'-104.5' | 1.5' | | 0.010 | L0.02 | |
| 15907 | | 104.5'-106.0' | 1.5' | | 0.005 | L0.02 | |
| 15908 | | 136.0'-137.5' | 1.5' | | L0.002 | 0.02 | |
| 15909 | | 239.5'-242.5' | 3.0' | | 0.170 | 0.04 | |
| 15910 | | 265.0'-266.5' | 1.5' | | L0.002 | L0.02 | |

10 Samples

Work Report 415-0374

Project Name Bannockburn - Northeast Area | Month February | Year 1985

Mono Gold Mines Inc.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 15911 | 85-3 | 39.0'-40.0' | 1.0' | | 0.001 | 0.04 |
| 15912 | | 41.5'-42.5' | 1.0' | | 0.003 | 0.09 |
| 15913 | | 47.0'-48.0' | 1.0' | 2.139 oz./ton Au | 0.245 | 0.02 |
| 15914 | | 48.0'-49.0' | 1.0' | 3.0' | 5.869 | 0.28 |
| 15915 | | 49.0'-50.0' | 1.0' | | 0.305 | 0.05 |
| 15916 | | 58.5'-60.5' | 2.0' | | 0.200 | 0.07 |
| 15917 | | 62.0'-63.0' | 1.0' | | 0.004 | 0.02 |
| 15918 | | 72.5'-75.0' | 2.5' | 0.299 oz./ton Au | 0.001 | 0.02 |
| 15919 | | 75.0'-76.5' | 1.5' | 5.5' | 1.094 | 0.29 |
| 15920 | | 76.5'-78.0' | 1.5' | | 0.002 | 0.01 |
| 15921 | | 153.9'-155.0' | 1.1' | | 0.285 | 0.06 |
| 15922 | | 172.8'-176.0' | 3.2' | | 0.690 | L0.01 |
| 15923 | | 196.0'-198.0' | 2.0' | | 0.001 | 0.01 |
| 15924 | | 198.0'-200.0' | 2.0' | | L0.001 | 0.04 |
| 15925 | | 200.0'-201.5' | 1.5' | | L0.001 | 0.02 |
| 15926 | | 201.5'-203.0' | 1.5' | | L0.001 | 0.23 |
| 15927 | | 203.0'-205.0' | 2.0' | | L0.001 | 0.09 |
| 15928 | | 215.5'-218.0' | 2.5' | | L0.001 | 0.02 |
| 15929 | | 221.5'-222.6' | 1.1' | | 0.002 | 0.01 |

19 Samples

Work Report 415-0404

Project Name Bannockburn - Northeast Area | Month | Year
Mono Gold Mines Inc. | February | 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 15930 | 85-4 | 39.0'-40.5' | 1.5' | 0.178 oz./ton Au / 8.5' [ | 0.785 | 0.09 | |
| 15931 | | 40.5'-43.0' | 2.5' | [ | 0.015 | 0.03 | |
| 15932 | | 43.0'-45.0' | 2.0' | [ | 0.004 | 0.02 | |
| 15933 | | 45.0'-47.5' | 2.5' | [ | 0.116 | 0.04 | |
| 15934 | | 52.0'-53.0' | 1.0' | | 0.019 | 0.01 | |
| 15935 | | 60.0'-63.0' | 3.0' | | 0.002 | 0.03 | |
| 15936 | | 86.0'-89.0' | 3.0' | | 0.003 | L0.01 | |
| 15937 | | 101.0'-103.0' | 2.0' | | 0.355 | 0.07 | |
| 15938 | | 124.0'-127.0' | 3.0' | | 0.375 | 0.07 | |
| 15939 | | 171.0'-173.0' | 2.0' | | 0.003 | 0.02 | |
| 15940 | | 173.0'-175.0' | 2.0' | | L0.001 | 0.01 | |
| 15941 | | 175.0'-177.0' | 2.0' | | 0.004 | L0.01 | |
| 15942 | | 194.3'-196.3' | 2.0' | | 0.001 | 0.01 | |
| 15943 | | 204.0'-207.0' | 3.0' | | 0.004 | L0.01 | |
| 15944 | | 207.0'-210.0' | 3.0' | | 0.041 | 0.03 | |
| 15945 | | 215.5'-218.5' | 3.0' | | 0.021 | 0.05 | |

16 Samples

Work Report 415-0404

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month February

Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 15946 | 85-5 | 80.5'-82.5' | 2.0' | | 0.003 | 0.02 | |
| 15947 | | 91.0'-92.5' | 1.5' | | L0.001 | 0.02 | |
| 15948 | | 190.0'-193.0' | 3.0' | | L0.001 | 0.01 | |
| 15949 | | 195.0'-198.0' | 3.0' | | 0.066 | 0.06 | |
| 15950 | | 198.0'-200.0' | 2.0' | | 0.001 | 0.02 | |
| 66901 | | 206.5'-208.0' | 1.5' | 0.043 oz./ton Au [ | 0.045 | 0.01 | |
| 66902 | | 208.0'-211.0' | 3.0' | 4.5' [ | 0.042 | 0.01 | |
| 66903 | | 218.2'-220.2' | 2.0' | | 0.002 | 0.01 | |
| 66904 | | 220.2'-221.6' | 1.4' | | 0.003 | L0.01 | |

9 Samples

Work Reports 415-0404 & 415-0435

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month February Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 66905 | 85-6 | 68.5'-71.0' | 2.5' | [ | 0.005 | L0.01 | |
| 66906 | | 71.0'-73.0' | 2.0' | 1.135 oz./ton Au / 5.5' [ | 0.789 | 0.15 | |
| 66907 | | 73.0'-74.0' | 1.0' | [ | 4.655 | 0.32 | |
| 66908 | | 108.0'-110.0' | 2.0' | | 0.007 | L0.01 | |
| 66909 | | 110.0'-111.5' | 1.5' | | 0.001 | L0.01 | |
| 66910 | | 111.5'-113.0' | 1.5' | | 0.001 | L0.01 | |
| 66911 | | 126.5'-128.5' | 2.0' | | 0.003 | L0.01 | |
| 66912 | | 141.0'-143.0' | 2.0' | | 0.002 | L0.01 | |
| 66913 | | 150.0'-152.0' | 2.0' | | 0.176 | 0.01 | |
| 66914 | | 231.0'-233.0' | 2.0' | | 0.002 | L0.01 | |

10 Samples

Work Report 415-0435

Project Name Bannockburn - Northeast Area — Mono Gold Mines Inc. — Month: February — Year: 1985

| Assay Tag No. | D.D.H. | Footage | Width | Cu % | Pb % | Zn % | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|---|---|
| 66915 | 85-7 | 28.0'-30.0' | 2.0' | 0.03 | 0.03 | 0.06 | L0.001 | 0.05 |
| 66916 | | 31.0'-34.0' | 3.0' | 0.08 | 0.01 | 0.20 | L0.001 | 0.05 |
| 66917 | | 50.0'-52.5' | 2.5' | | | | 0.004 | L0.01 |
| 66918 | | 78.0'-80.5' | 2.5' | | | | 0.015 | 0.02 |
| 66919 | | 90.0'-93.0' | 3.0' | | | | 0.005 | 0.02 |
| 66920 | | 122.0'-124.0' | 2.0' | | | | 0.002 | L0.01 |
| 66921 | | 133.5'-135.5' | 2.0' | | | | 0.146 | 0.01 |
| 66922 | | 143.5'-145.5' | 2.0' | | | | 0.275 | 0.05 |
| 66923 | | 146.0'-148.0' | 2.0' | | | | 0.173 | 0.02 |
| 66924 | | 151.0'-154.5' | 3.5' | | | | 0.002 | L0.01 |
| 66925 | | 170.0'-172.0' | 2.0' | | | | L0.001 | L0.01 |
| 66926 | | 179.0'-181.0' | 2.0' | | | | 0.003 | L0.01 |
| 66927 | | 187.0'-188.5' | 1.5' | | | | L0.001 | 0.02 |
| 66928 | | 225.0'-226.5' | 1.5' | | | | L0.001 | L0.01 |
| 66929 | | 236.0'-238.0' | 2.0' | | | | 0.002 | 0.02 |

15 Samples

Work Report 415-0435

Project Name Bannockburn - Northeast Area | Month | Year
Mono Gold Mines Inc. | February | 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 66930 | 85-8 | 38.5'-40.5' | 2.0' | | L0.001 | L0.01 |
| 66931 | | 78.0'-81.0' | 3.0' | | 0.026 | 0.02 |
| 66932 | | 110.0'-113.0' | 3.0' | | 0.001 | L0.01 |
| 66933 | | 148.0'-151.0' | 3.0' | | 0.001 | L0.01 |
| 66934 | | 176.0'-178.0' | 2.0' | | 0.003 | L0.01 |
| 66935 | | 184.0'-186.0' | 2.0' | | 0.001 | L0.01 |
| 66936 | | 192.0'-195.0' | 3.0' | | 0.110 | L0.01 |
| 66937 | | 225.5'-227.0' | 1.5' | | 0.035 | L0.01 |
| 66938 | | 230.0'-233.0' | 3.0' | 0.019 oz./ton Au / 7.0' [ | 0.010 | L0.01 |
| 66939 | | 233.0'-235.0' | 2.0' | [ | 0.043 | L0.01 |
| 66940 | | 235.0'-237.0' | 2.0' | [ | 0.007 | L0.01 |

11 Samples

Work Report 415-0435

MONO GOLD MINES INC.

PHASE THREE DIAMOND DRILL PROGRAM

NORTHEAST AREA

BANNOCKBURN PROPERTY

Madoc Township, Ontario

Diamond Drill Logs

and

Assay Summary Sheets

DDH 85-9 to DDH 85-14 inclusive

To accompany Report by

SAWYER CONSULTANTS INC.

dated May 31, 1985

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 38+40N |
| | 33+00E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | R.V. Beavon |
| DATE LOGGED | 10 May 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0 | 288° | -50° |
| 300' | 288° | -48° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa & Vancouver
PURPOSE OF HOLE Test subsurface structure of quartz veins and gold content

HOLE No. 85-9
CLAIM NAME/No. EO 652301
COMMENCED 9 May 1985
FINISHED 10 May 1985
FINAL DEPTH 300'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 8.0' | | Casing. | | | | | | | | | | |
| 8.0' | 42.0' | | Phyllitic Argillites often cherty and well laminated at high angles to core axis. Banding often contorted into "Z" shaped minor folds. 5-10% sulphides mainly pyrrhotite throughout. Cleavage at 70° to core axis. Grades into fine grained quartzites at 42.0'. | | | | | | | | | | |
| | | | 26.5'-26.7' - glassy quartz-carbonate with pyrite and pyrrhotite, trace sphalerite. Appears concordant. | 26.0' | 27.0' | 1.0' | 71301 | L0.002 | 0.02 | | | | |
| | | | 36.0' - minor quartz stringer. | | | | | | | | | | |
| | | | 36.5'-37.8' - granular quartz stringer with pyrrhotite, pyrite, trace galena. | 36.5' | 37.5' | 1.0' | 71302 | 0.002 | 0.04 | | | | |
| | | | 39.8'-41.1' - massive white to bluish-white quartz with sharp wavy contacts at 80° to core axis. Pyritic paint on joints, 5% pyrite, trace marcasite. | 39.4' | 40.4' | 1.0' | 71303 | 0.003 | L0.02 | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 10 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au oz/ton | Ag oz/ton | | | | | |
| 42.0' | 68.0' | | Cherty Quartzites – fine grained with disseminated blebs of 10-15% | | | | | | | | | | | |
| | | | pyrrhotite + pyrite. Banded at 80° to core axis. | 43.0' | 44.0' | 1.0' | 71310 | 0.003 | 0.07 | | | | | |
| | | | 0.2' quartz stringer at 43.5' – fine glassy quartz. | | | | | | | | | | | |
| | | | 0.5' granular quartz with carbonate and weak sericite at 47.6' | 47.2' | 48.2' | 1.0' | 71308 | 0.015 | 0.02 | | | | | |
| | | | (dolomite). | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 68.0' | 205.0' | | Limy Biotite Schists, green, fine grained and speckled white | | | | | | | | | | | |
| | | | in part by calcite. Large calcitic amygdules at 84.0'. Probably | | | | | | | | | | | |
| | | | metavolcanic. Cleavage at 80° to core axis. Sulphide content | | | | | | | | | | | |
| | | | less than 5%. | | | | | | | | | | | |
| | | | 0.7' quartz-dolomite-chlorite vein at 69.5'. | 69.2' | 70.2' | 1.0' | 71304 | L0.002 | L0.02 | | | | | |
| | | | 92.9'-93.2' – bull quartz with dolomite filling cleavage-like | | | | | | | | | | | |
| | | | fractures in quartz at 25° to core axis. Quartz has sharp contacts | | | | | | | | | | | |
| | | | at 10-15° to core axis. Chlorite paints fractures parallel and | 91.9' | 92.9' | 1.0' | 71305 | L0.002 | L0.02 | | | | | |
| | | | near contacts. Trace pyrrhotite. Limy biotite schists. | 92.9' | 93.9' | 1.0' | 71306 | 4.104 | 0.19 | | | | | |
| | | | Visible gold noted in several grains along chloritic paint near | 93.9' | 94.9' | 1.0' | 71307 | 0.056 | 0.03 | | | | | |
| | | | upper contact of quartz. | | | | | | | | | | | |
| | | | 106.4'-106.9' – 0.5' massive bluish quartz with dolomite | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 10 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | Ag | | | | | |
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 68.0' | 205.0' | (cont.) | and finely acicular rutile(?). | 106.5' | 107.5' | 1.0' | 71311 | 0.054 | 0.02 | | | | | |
| | | | 120.0'-121.0' - glassy white quartz with country rock inclusions. | 118.6' | 119.8' | 1.2' | 71309 | 0.011 | 0.02 | | | | | |
| | | | 125.0'-126.0' - glassy quartz with trace pyrite and pyrrhotite, | 120.0' | 121.0' | 1.0' | 71312 | 0.073 | 0.03 | | | | | |
| | | | chlorite seams. | | | | | | | | | | | |
| | | | 148.0'-149.7' - narrow 0.2' quartz vein at 148.0' with 20% | 148.0' | 149.7' | 1.7' | 71313 | 0.019 | 0.02 | | | | | |
| | | | pyrrhotite from 148.2'-149.7'. | | | | | | | | | | | |
| | | | 151.0'-152.5' - quartzite, fine grained, trace pyrrhotite, | | | | | | | | | | | |
| | | | infolded with schists and limy sections. | | | | | | | | | | | |
| | | | 154.0'-155.0' - quartz-carbonate stringer for 0.25', no sulphides. | 154.0' | 155.0' | 1.0' | 71314 | L0.001 | 0.04 | | | | | |
| | | | 162.0'-163.0' - quartz carbonate stringers unaffected by minor | | | | | | | | | | | |
| | | | folding. Negligible sulphide. | 162.0' | 163.0' | 1.0' | 71315 | 0.003 | 0.01 | | | | | |
| | | | 178.0'-179.0' - 0.2' quartz vein and quartz-carbonate stringer | 178.0' | 179.0' | 1.0' | 71316 | L0.001 | 0.01 | | | | | |
| | | | at $20^{\circ}$ to core axis. Quartz carbonate stringer is parallel to | | | | | | | | | | | |
| | | | core axis. Negligible sulphide. | | | | | | | | | | | |
| | | | 183.0'-184.2' - marble or quartz-carbonate vein with >50% calcite. | 183.0' | 184.2' | 1.2' | 71317 | 0.004 | 0.01 | | | | | |
| | | | Medium grain sugary texture. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 10 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | Ag |
| | | | | | | | | oz/ton | oz/ton |
| 205.0' | 271.0' | | Massive Volcanic Flow(?) with carbonate amydules. Schistosity | | | | | | |
| | | | poorly developed. Occasional carbonate (calcite) stringers with | | | | | | |
| | | | variable orientations. Increasingly massive from 225.0'-271.0', | | | | | | |
| | | | highly mottled with weak schistosity developed in places. | | | | | | |
| | | | 220.0'-221.0' - 1.0' quartz stringer at 45° to core axis. | 220.0' | 221.0' | 1.0' | 71318 | <0.001 | 0.04 |
| | | | negligible sulphides, trace carbonate. | | | | | | |
| | | | 236.0'-237.0' - narrow 2.0' quartz-carbonate stringer | 236.0' | 237.0' | 1.0' | 71319 | <0.001 | 0.14 |
| | | | normal to core axis, trace pyrrhotite. | | | | | | |
| | | | 238.0'-240.0' - two narrow 0.2' quartz-carbonate stringers, | 238.5' | 240.0' | 1.5' | 71320 | <0.001 | 0.05 |
| | | | 5-10% pyrrhotite, trace pyrite, at 50° to core axis. | | | | | | |
| | | | 250.5'-252.0' - quartz vein? Normal to core axis, in part | 250.5' | 252.0' | 1.5' | 71321 | <0.001 | 0.01 |
| | | | milky quartz, in part grey cherty granular quartz. Blebs | 252.0' | 253.0' | 1.0' | 71322 | <0.001 | 0.04 |
| | | | pyrite and trace marcasite. | 253.0' | 254.0' | 1.0' | 71323 | <0.001 | 0.01 |
| | | | Silicified from 252.0'-253.0'. | | | | | | |
| | | | 253.0'-254.0' - massive white quartz, milky at 85° to core | | | | | | |
| | | | axis, trace pyrrhotite, pyrite. | | | | | | |
| | | | 257.9'-259.0' - siliceous zone with up to 10% sulphides and | 257.5' | 259.0' | 1.5' | 71324 | 0.001 | 0.01 |
| | | | 20% calcite stringers. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 10 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au oz/ton | Ag oz/ton | | | | | |
| 205.0 | 271.0 | (cont.) | 270.5'-271.5' - 0.3' milky quartz with pyrrhotite and pyrite, | 270.5' | 271.5' | 1.0' | 71325 | L0.001 | 0.01 | | | | | |
| | | | paint on joints. | | | | | | | | | | | |
| 271.0 | 273.5 | | <u>Fine Grained Foliated Mafic Dike</u>, bounded on both sides by | 272.5' | 273.5' | 1.0' | 71326 | L0.001 | 0.01 | | | | | |
| | | | quartz. | | | | | | | | | | | |
| | | | 272.5'-273.5' - massive quartz with trace pyrite, pyrrhotite. | | | | | | | | | | | |
| 273.5 | 289.5 | | Massive partly phyllitic biotite schist. | | | | | | | | | | | |
| 289.5 | 300.0 | | <u>Massive Volcanic Flow</u>, with occasional phyllitic limy schists. | | | | | | | | | | | |
| | | | 289.5'-293.0' - massive cherty quartzite, 15% pyrrhotite + pyrite. | 289.5' | 293.0' | 3.5' | 71327 | L0.001 | 0.01 | | | | | |
| | | | 293.0'-295.0' - as 289.5'-293.0' with 50% quartz veins. | 293.0' | 295.0' | 2.0' | 71328 | L0.001 | 0.01 | | | | | |
| | | | 295.0'-296.0' - as 273.5'-289.5'. | 295.0' | 296.0' | 1.0' | 71329 | L0.001 | L0.01 | | | | | |
| | | | 296.0'-300.0' - quartz vein with schist, as 273.5'-289.5'. | | | | | | | | | | | |
| | | | END OF DDH 85-9 at 300'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 37+10N |
| | 32+90E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | R.V. Beavon |
| DATE LOGGED | 11 May 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 288° | -50° |
| 225' | | -54° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE Test subsurface structure and gold content of quartz veins

| | |
|---|---|
| HOLE No. | 85-10 |
| CLAIM NAME/No. | EO 652301 |
| COMMENCED | 10 May 1985 |
| FINISHED | 11 May 1985 |
| FINAL DEPTH | 225' |
| PROJECT No. | |

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 0' | 11.0' | | Casing. | | | | | | |
| 11.0' | 86.0' | | Phyllitic Argillites, dark grey and weak to moderately well banded at 30°-40° to core axis. Occasional bleached areas adjacent to quartz-carbonate stringers. Weak oxidation from 11.0' to 13.0'. Mineralized throughout with 10-20% pyrrhotite, trace sphalerite. | | | | | | |
| | | | 19.5'-20.5' - bleached zone with quartz-carbonate stringers. | 19.5' | 20.5' | 1.0' | 71330 | L0.001 | 0.04 |
| | | | 35.5'-36.5' - cherty argillite. | 35.5' | 36.5' | 1.0' | 71331 | L0.001 | 0.01 |
| | | | 36.5'-39.5' - massive bluish to greenish tinged glassy white | 36.5' | 39.5' | 3.0' | 71332 | 1.500 | 0.13 |
| | | | quartz with glassy texture, trace pyrite. | 39.5' | 40.5' | 1.0' | 71333 | 0.118 | 0.02 |
| | | | Visible gold at 39.0' and 36.3' with trace sphalerite/or galena, trace pyrrhotite, pyrite. | | | | | | |
| | | | 39.5'-40.5' - wall rock sample of cherty argillite. | | | | | | |
| | | | 53.8'-55.0' - massive quartz with carbonate at upper contact, | 53.8' | 55.0' | 1.2' | 71334 | 0.002 | 0.05 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 11 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 11.0' | 86.0' | (cont.) | $25^{\circ}$ to core axis. Only first 0.5' is quartz, remainder consisting | | | | | | | | | | | |
| | | | of sericitic argillites. Quartz has granular texture. Up to 25% | | | | | | | | | | | |
| | | | sulphides in sericitic section. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 86.0' | 115.0' | | Limy Biotite Schist and Occasional Garnetiferous Schist (at 87.5'- | | | | | | | | | | | |
| | | | 90.0'). Weakly banded with good schistosity at $65^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | Occasional 0.1' quartz stringers. | | | | | | | | | | | |
| | | | 110.2'-112.5' - massive quartz, somewhat granular, may be | 110.2' | 112.5' | 2.3' | 71335 | 0.001 | 0.03 | | | | | |
| | | | silicified quartzite or chert, trace pyrrhotite, pyrite. | | | | | | | | | | | |
| | | | Abundant calcite stringers after 110.2'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 115.0' | 117.2' | | Foliated Green Dike with chilled contact at $5^{\circ}$-$10^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | Extensive carbonate alteration. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 117.2' | 160.0' | | Limy Biotite Schist and Fine Grained Laminated Rocks of possible | | | | | | | | | | | |
| | | | volcanic flow origin, abundant carbonate alteration at 132.0'- | | | | | | | | | | | |
| | | | 138.0'. Mottled texture in places at $45^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 126.0'-127.0' - 0.2' quartz vein. | 126.0' | 127.0' | 1.0' | 71336 | 0.002 | 0.11 | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED 11 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 117.2' | 160.0' | (cont.) | 140.0'-141.0' - as 126.0'-127.0'. | 140.0' | 141.0' | 1.0' | 71337 | 0.002 | 0.05 | | | | | |
| | | | 159.5'-160.5' - quartz-sulphide vein with 50% pyrrhotite + pyrite. | 159.5' | 160.5' | 1.0' | 71338 | 0.005 | 0.06 | | | | | |
| | | | | | | | | | | | | | | |
| 160.0' | 225.0' | | <u>Massive to Weakly Banded Limy Schists</u> becoming more massive | | | | | | | | | | | |
| | | | at 160.0'. Negligible mineralization except for quartz veins. | | | | | | | | | | | |
| | | | 208.0'-209.0' - quartz vein at 45$^{o}$ to core axis. 0.7' of glassy | 208.0' | 209.0' | 1.0' | 71339 | 0.004 | 0.04 | | | | | |
| | | | white quartz. | | | | | | | | | | | |
| | | | 220.0'-221.5' - quartz vein with heavy pyrrhotite in selvages | 220.0' | 221.5' | 1.5' | 71340 | 0.010 | 0.11 | | | | | |
| | | | (> 40% in short sections). Contacts at 60$^{o}$ and 20$^{o}$ to core axis. | | | | | | | | | | | |
| | | | END OF DDH 85-10 at 225.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 37+10N |
| | 32+90E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | R.V. Beavon |
| DATE LOGGED | 13 May 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | N/A | -90° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE Structure and gold content of quartz veins

HOLE No. 85-11
CLAIM NAME/No. EO 652301
COMMENCED 11 May 1985
FINISHED 12 May 1985
FINAL DEPTH 102'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 6.0' | | Casing. | | | | | | | | | | | |
| 6.0' | 40.9' | | Interbedded Cherty and Sericitic Argillites, in part phyllitic. | | | | | | | | | | | |
| | | | Well banded at low angle to core axis. Contorted in places. | | | | | | | | | | | |
| | | | Weak oxidation at 10.0'. Finely disseminated 10% pyrrhotite | | | | | | | | | | | |
| | | | throughout. | | | | | | | | | | | |
| | | | 39.8'-40.9' - silicified argillite containing heavy sulphide | | | | | | | | | | | |
| | | | disseminations. | | | | | | | | | | | |
| | | | | 39.8' | 40.9' | 1.1' | 71341 | 0.001 | 0:20 | | | | | |
| 40.9' | 42.2' | | Quartz Vein. White quartz containing visible gold with trace | 40.9' | 42.2' | 1.3' | 71342 | 29.23 | 1.48 | | | | | |
| | | | galena, trace pyrite, and trace pyrrhotite, usually in anastomosing | 42.2' | 43.2' | 1.0' | 71343 | 0.160 | 0.12 | | | | | |
| | | | trails subparallel to core axis. Gangue consists of granular | | | | | | | | | | | |
| | | | grey and glassy vein quartz with some blue-green tinges. | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED 11 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-11

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42.2' | 102.0' | | <u>Cherty Argillites with intercalated Phyllitic Schist</u>, in part | | | | | | | | | | | |
| | | | sericitic. Banding and cleavage at low angle to core axis. | | | | | | | | | | | |
| | | | 80.0'-82.0' - heavily disseminated pyrite and pyrrhotite. | | | | | | | | | | | |
| | | | 97.5'-99.5' - quartz vein mixed with country rock at low angle | 97.5' | 99.5' | 2.0' | 71344 | 0.042 | 0.21 | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | END OF DDH 85-11 at 102.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 37+15N |
| | 30+75E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | R.V. Beavon |
| DATE LOGGED | 13 May 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 108° | -50° |
| 225' | | -45° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE To determine extent and gold content of quartz veins

| | |
|---|---|
| HOLE No. | 85-12 |
| CLAIM NAME/No. | EO 652301 |
| COMMENCED | 12 May 1985 |
| FINISHED | 13 May 1985 |
| FINAL DEPTH | 305' |
| PROJECT No. | |

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 4.0' | | Casing. | | | | | oz/ton | oz/ton | | | | | |
| 4.0' | 18.0' | | Dark Grey Phyllitic Argillites, with cleavage at 10° to core axis. Banding (bedding) at 45° to 10°. Oxidized from 12.0' to 14.0'. Disseminated 5-10% sulphides throughout (pyrite + pyrrhotite). | | | | | | | | | | | |
| 18.0' | 25.0' | | Sericite Schist, light grey, siliceous, with cleavage at low angle to core axis. Negligible mineralization. | | | | | | | | | | | |
| 25.0' | 43.0' | | Dark Grey to Black Phyllitic Argillites, as 4.0'-18.0'. Occasional sericitic sections. Heavy pyrite, pyrrhotite found in disseminated blebs, especially 32.0'-36.0'. | 32.0' | 36.0' | 4.0' | 71345 | 0.014 | 0.32 | | | | | |
| 43.0' | 51.0' | | Phyllitic Argillites (as 18.0'-25.0') with occasional cherty argillite beds at 45° to core axis. Minor folding with axial | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 13 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 43.0' | 51.0' | (cont.) | plane cleavage. | | | | | | |
| | | | | | | | | | |
| 51.0' | 128.0' | | Dark Grey Phyllites and Argillites with up to 20% pyrrhotite + pyrite. | | | | | | |
| | | | 55.5'-57.0' - semi-concordant white quartz stringers with 5% pyrite in translucent granular quartz. Includes sericitic alteration envelope. | 55.5' | 57.0' | 1.5' | 71346 | 0.011 | 0.15 |
| | | | 84.0'-85.0' - as 55.5'-57.0' with 10% pyrrhotite, trace galena. | 84.0' | 85.0' | 1.0' | 71347 | 0.009 | 0.32 |
| | | | 107.0'-108.5' - quartz vein with 30% pyrite + pyrrhotite. Rare carbonate stringers. Surrounding argillites at 45° to core axis. | 107.0' | 108.5' | 1.5' | 71348 | 0.007 | 0.21 |
| | | | 112.0'-114.0' - heavy pyrrhotite >pyrite stringer at low angle to core axis. | | | | | | |
| | | | 119.0'-120.0' - carbonate stringers. | | | | | | |
| | | | | | | | | | |
| 128.0' | 131.5' | | Foliated, Carbonate Altered, Mafic Dike at 20° to core axis. Rare garnet. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 13 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton |
| 131.5' | 302.5' | | Weakly Calcareous Biotite Schists, banded at 40° to core axis. | | | | | | |
| | | | Garnets at 142.0' and occasional marble beds (with idocrase?). | | | | | | |
| | | | Some cherty beds with scattered calcite stringers. (This unit | | | | | | |
| | | | is probably of volcanic origin.) Weak pyrite throughout and | | | | | | |
| | | | occasional pyrrhotite stringers. | | | | | | |
| | | | 160.0'-161.5' - chert bed, trace pyrite and black acicular | 160.0' | 161.5' | 1.5' | 71349 | 0.002 | L0.01 |
| | | | mineral. | | | | | | |
| | | | 255.0'-258.5' - biotite limestone. | | | | | | |
| | | | 285.0'-285.4' - quartz vein with heavy pyrrhotite selvages. | 284.8' | 286.2' | 1.4' | 71350 | 0.008 | L0.01 |
| | | | Contacts at 45° to core axis. Quartz is glassy to mortared. | | | | | | |
| | | | 285.4'-298.0' - brown garnetiferous biotite schist with | | | | | | |
| | | | calcareous patches. | | | | | | |
| | | | 292.0'-292.5' - concordant quartz vein, trace pyrrhotite. | 292.0' | 293.0' | 1.0' | 71351 | 0.006 | 0.01 |
| | | | 295.0'-296.0' - quartz vein with 50% sulphides, mostly pyrite. | | | | | | |
| | | | Separated from next quartz vein by limy fine grained phyllite. | 295.0' | 296.0' | 1.0' | 71352 | 0.006 | 0.09 |
| | | | 299.5'-301.5' - massive quartz vein with granular to glassy | | | | | | |
| | | | quartz and 15% pyrrhotite, 2% dolomite. | 299.9' | 301.5' | 1.6' | 71353 | L0.001 | L0.01 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 13 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-12

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 302.5' | 305.0' | | Sulphide-rich Banded Phyllitic Argillites at $60^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 20% pyrite. | | | | | | | | | | | |
| | | | END OF DDH 85-12 at 305.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 36+45N |
| | 31+25E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | R.V. Beavon |
| DATE LOGGED | 15 May 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0 | N/A | -90° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE Locate and find gold content of quartz veins

HOLE No. 85-13
CLAIM NAME/No. EO 652301
COMMENCED 13 May 1985
FINISHED 14 May 1985
FINAL DEPTH 200'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 0' | 7.0' | | Casing. | | | | | | |
| 7.0' | 76.5' | | Mainly Cherty Argillites, Fine Grained Quartzites (meta-chert), and Sericite Schists. All are interbedded, and well banded at 30° to core axis except where contorted by minor folds (isoclinal in part). Cleavage at 30° to core axis. Up to 15% sulphides disseminated throughout. | | | | | | |
| 76.5' | 79.7' | | Chilled Mafic Dike or Sill with Carbonate Alteration. | | | | | | |
| | | | Quartz stringer (0.2') at 78.0', trace pyrite, trace pyrrhotite. | 77.5' | 78.5' | 1.0' | 71354 | L0.001 | L0.01 |
| 79.7' | 100.5' | | Mainly Sericite Schists and Intercalated Argillites. | | | | | | |
| | | | Weakly banded at 50° to core axis. | | | | | | |
| | | | 10-20% pyrrhotite blebs and stringers. | | | | | | |
| | | | Quartz stringer at 92.5'. | 92.0' | 93.0' | 1.0' | 71355 | 0.002 | 0.01 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 15 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-13

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au oz/ton | Ag oz/ton |
| 100.5' | 142.0' | | Limy Biotite Schists with Contorted Chert inclusions. Well | | | | | | |
| | | | bedded in part with occasional sericite schists and limy beds. | | | | | | |
| | | | 100.0'-111.0' - 5-10% pyrrhotite. | | | | | | |
| | | | 121.5'-122.0' - quartz-pyrite-pyrrhotite-chlorite veinlet with | 121.0' | 122.0' | 1.0' | 71356 | 0.013 | 0.01 |
| | | | 50% pyrrhotite. | | | | | | |
| | | | 124.0'-136.0' - garnetiferous with heavy magnetite and pyrrhotite. | | | | | | |
| | | | 124.0'-125.0'->50% magnetite in banded skarn or iron formation(?). | | | | | | |
| | | | 125.0'-126.0' - heavy pyrrhotite selvages on 0.5' quartz vein. | 125.0' | 126.0' | 1.0' | 71357 | 0.022 | 0.01 |
| | | | 130.0'-130.5' - quartz vein - granular white to glassy with heavy | 130.5' | 132.0' | 1.5' | 71358 | 0.005 | L0.01 |
| | | | pyrrhotite selvages. | | | | | | |
| | | | 133.5'-134.5' - quartz vein, glassy, white with colloform | 133.5' | 134.5' | 1.0' | 71359 | 0.032 | 0.12 |
| | | | marcasite. Heavy pyrite. Another type of quartz is dark grey | | | | | | |
| | | | to black. Some calcite crystals. | | | | | | |
| | | | 135.5' - quartz stringer with pyrrhotite selvages. | 135.0' | 136.0' | 1.0' | 71360 | 0.008 | 0.02 |
| | | | 137.0'-137.5', 139.5'-140.2', 142.1'-143.5' - concordant quartz | | | | | | |
| | | | veins with pyrrhotite, chlorite and dolomite. Remaining samples | 137.5' | 139.5' | 2.0' | 71364 | 0.007 | 0.01 |
| | | | are of magnetite skarn at 137.5'-139.5' and 140.5'-142.2'. | 139.5' | 140.5' | 1.0' | 71361 | 0.004 | L0.01 |
| | | | | 140.5' | 142.1' | 1.6' | 71363 | L0.001 | 0.01 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 15 May 1985

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-13

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 142.0' | 200.0' | | Metavolcanic Unit, fine grained mafic flow-textured massive | 142.1' | 143.5' | 1.4' | 71362 | oz/ton 0.008 | oz/ton L0.01 | | | | | |
| | | | andesite with streaked out amygdules of biotite alteration and | | | | | | | | | | | |
| | | | well preserved calcite amygdules. Upper contact at 35$^{o}$ to core | | | | | | | | | | | |
| | | | axis, composed of cherty beds (0.2'). | | | | | | | | | | | |
| | | | Flow contact at 160.5'. | | | | | | | | | | | |
| | | | 159.0'-160.5' - massive quartz with contacts at a high angle to | 159.0' | 160.5' | 1.5' | 71365 | L0.001 | 0.01 | | | | | |
| | | | core axis. First 2.0' is composed of glassy bluish quartz | | | | | | | | | | | |
| | | | with pyrrhotite and dolomite; second 1.3' is a cherty flow contact. | | | | | | | | | | | |
| | | | 176.0'-178.0' - unmineralized cherty quartz, probably a re- | 176.0' | 178.0' | 2.0' | 71366 | L0.001 | L0.01 | | | | | |
| | | | crystallized flow contact. | | | | | | | | | | | |
| | | | 194.5'-196.0' - cherty flow contact at 15$^{o}$ to core axis. | | | | | | | | | | | |
| | | | END OF DDH 85-13 at 200.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

COLLAR: 36+10N
32+80E
ELEVATION
CORE SIZE BQ
LOGGED BY R.V. Beavon
DATE LOGGED 16 May 1985
MAP REFERENCE No. 31C/12

HOLE SURVEY
METHOD: Acid Etch

| FOOTAGE | AZIMUTH | DIP |
|---|---|---|
| 0' | N/A | -90° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, NORTHEAST AREA
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Bondar-Clegg & Company Ltd., Ottawa
PURPOSE OF HOLE Structure and gold content of quartz veins

HOLE No. 85-14
CLAIM NAME/No. EO 652301
COMMENCED 14 May 1985
FINISHED 15 May 1985
FINAL DEPTH 200'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton |
|---|---|---|---|---|---|---|---|---|---|
| 0' | 4.0' | | Casing. | | | | | | |
| 4.0' | 26.0' | | Black and Grey Cherty Argillites, often phyllitic and well banded at 35° to 40° to core axis. Disseminated, 5-10% pyrrhotite and pyrite throughout. | | | | | | |
| | | | | 25.0' | 26.0' | 1.0' | 71368 | L0.001 | L0.01 |
| 26.0' | 27.5' | | Quartz Vein, glassy with bluish tinge, with pearly mica plates near 27.5'. Several grains of visible gold associated with acicular mineral. Trace pyrite. | 26.0' | 27.8' | 1.8' | 71367 | 1.139 | 0.03 |
| | | | | 27.8' | 28.8' | 1.0' | 71369 | 0.058 | 0.01 |
| 27.5' | 93.0' | | Mixed Argillites, Phyllites and Sericite Schists (as 4.0'-26.0'). | | | | | | |
| | | | 52.0'-52.5' - granular quartz stringer with pyrite, pyrrhotite. | 52.0' | 53.0' | 1.0' | 71370 | L0.001 | 0.01 |
| 93.0' | 93.5' | | Mafic Dike, foliated but with chill well preserved. Carbonate alteration. Less than 10° from core axis. | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED 16 May 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Northeast Area

HOLE No. 85-14

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 93.5' | 113.0' | | Cherty Argillites bordering on fine grained quartzites - well | | | | | | | | | | | |
| | | | developed cleavage at low angle to core axis. Phyllitic sheen | | | | | | | | | | | |
| | | | throughout. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 113.0' | 200.0' | | Black Argillites (as 4.0'-26.0'). Variable core angles up to | | | | | | | | | | | |
| | | | $45^o$ to core axis. | | | | | | | | | | | |
| | | | Marcasite stringer with pyrite at 114.5', 129.0'-134.0', | | | | | | | | | | | |
| | | | 155.0'-165.0'. Heavy pyrite with up to 1% chalcopyrite and | | | | | | | | | | | |
| | | | trace sphalerite from 134.0'-137.0'. Heavy galena stringer | | | | | | | | | | | |
| | | | at 137.5'. | | | | | | | | | | | |
| | | | 136.0'-141.0' - sericite schist. | | | | | | | | | | | |
| | | | 138.5'-139.0' - granular quartz in sericite., | 138.5' | 139.5' | 1.0' | 71371 | L0.001 | 0.01 | | | | | |
| | | | 166.0'-167.0' - granular quartz vein with pyrrhotite and | | | | | | | | | | | |
| | | | pyrite. | 166.5' | 167.5' | 1.0' | 71372 | L0.001 | L0.01 | | | | | |
| | | | 167.0'-200.0' - black phyllitic argillites with moderate to heavy | | | | | | | | | | | |
| | | | pyrite. Variable core angles to bedding. Occasional thin folded | | | | | | | | | | | |
| | | | quartzite layers. | | | | | | | | | | | |
| | | | END OF DDH 85-14 at 200.0'. | | | | | | | | | | | |

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month May

Year 1985



| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 71301 | 85-9 | 26.0'-27.0' | 1.0' | | L0.002 | 0.02 |
| 71302 | | 36.5'-37.5' | 1.0' | | 0.002 | 0.04 |
| 71303 | | 39.4'-40.4' | 1.0' | | 0.003 | L0.02 |
| 71310 | | 43.0'-44.0' | 1.0' | | 0.003 | 0.07 |
| 71308 | | 47.2'-48.2' | 1.0' | | 0.015 | 0.02 |
| 71304 | | 69.2'-70.2' | 1.0' | | L0.002 | L0.02 |
| 71305 | | 91.9'-92.9' | 1.0' | | L0.002 | L0.02 |
| 71306 | | 92.9'-93.9' | 1.0' | | 4.104 | 0.19 |
| 71307 | | 93.9'-94.9' | 1.0' | | 0.056 | 0.03 |
| 71311 | | 106.5'-107.5' | 1.0' | | 0.054 | 0.02 |
| 71309 | | 118.6'-119.8' | 1.2' | | 0.011 | 0.02 |
| 71312 | | 120.0'-121.0' | 1.0' | | 0.073 | 0.03 |
| 71313 | | 148.0'-149.7' | 1.7' | | 0.019 | 0.02 |
| 71314 | | 154.0'-155.0' | 1.0' | | L0.001 | 0.04 |
| 71315 | | 162.0'-163.0' | 1.0' | | 0.003 | 0.01 |
| 71316 | | 178.0'-179.0' | 1.0' | | L0.001 | 0.01 |
| 71317 | | 183.0'-184.2' | 1.2' | | 0.004 | 0.01 |
| 71318 | | 220.0'-221.0' | 1.0' | | L0.001 | 0.04 |
| 71319 | | 236.0'-237.0' | 1.0' | | L0.001 | 0.14 |
| 71320 | | 238.5'-240.0' | 1.5' | | L0.001 | 0.05 |
| 71321 | | 250.5'-252.0' | 1.5' | | L0.001 | 0.01 |
| 71322 | | 252.0'-253.0' | 1.0' | | L0.001 | 0.04 |
| 71323 | | 253.0'-254.0' | 1.0' | | L0.001 | 0.01 |
| 71324 | | 257.5'-259.0' | 1.5' | | 0.001 | 0.01 |

Continued

Project Name Bannockburn - Northeast Area
Mono Gold Mines Inc.

Month May
Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 71325 | 85-9 | 270.5'-271.5' | 1.0' | | L0.001 | 0.01 |
| 71326 | | 272.5'-273.5' | 1.0' | | L0.001 | 0.01 |
| 71327 | | 289.5'-293.0' | 3.5' | | L0.001 | 0.01 |
| 71328 | | 293.0'-295.0' | 2.0' | | L0.001 | 0.01 |
| 71329 | | 295.0'-296.0' | 1.0' | | L0.001 | L0.01 |

29 Samples

Work Reports 425-0720, 415-1101

Project Name Bannockburn - Northeast Area
Mono Gold Mines Inc.

Month May
Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | Assay Rejects Au oz./ton | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 71330 | 85-10 | 19.5'-20.5' | 1.0' | | L0.001 | 0.04 |
| 71331 | | 35.5'-36.5' | 1.0' | | L0.001 | 0.01 |
| 71332 | | 36.5'-39.5' | 3.0' | 1.297 | 1.500 | 0.13 |
| 71333 | | 39.5'-40.5' | 1.0' | 0.023 | 0.118 | 0.02 |
| 71334 | | 53.8'-55.0' | 1.2' | 0.003 | 0.002 | 0.05 |
| 71335 | | 110.2'-112.5' | 2.3' | | 0.001 | 0.03 |
| 71336 | | 126.0'-127.0' | 1.0' | | 0.002 | 0.11 |
| 71337 | | 140.0'-141.0' | 1.0' | | 0.002 | 0.05 |
| 71338 | | 159.5'-160.5' | 1.0' | | 0.005 | 0.06 |
| 71339 | | 208.0'-209.0' | 1.0' | | 0.004 | 0.04 |
| 71340 | | 220.0'-221.5' | 1.5' | | 0.010 | 0.11 |

11 Samples
Work Reports 415-1101, 515-1101

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month May

Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | Assay Rejects Au oz./ton | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 71341 | 85-11 | 39.8'-40.9' | 1.1' | L0.001 | 0.001 | 0.20 |
| 71342 | | 40.9'-42.2' | 1.3' | 12.30 | 29.23 | 1.48 |
| 71343 | | 42.2'-43.2' | 1.0' | 0.129 | 0.160 | 0.12 |
| 71344 | | 97.5'-99.5' | 2.0' | 0.139 | 0.042 | 0.21 |

4 Samples

Work Reports 415-1101, 515-1101

Project Name Bannockburn - Northeast Area | Month | Year

Mono Gold Mines Inc. | May | 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 71345 | 85-12 | 32.0'-36.0' | 4.0' | | 0.014 | 0.32 | |
| 71346 | | 55.5'-57.0' | 1.5' | | 0.011 | 0.15 | |
| 71347 | | 84.0'-85.0' | 1.0' | | 0.009 | 0.32 | |
| 71348 | | 107.0'-108.5' | 1.5' | | 0.007 | 0.21 | |
| 71349 | | 160.0'-161.5' | 1.5' | | 0.002 | L0.01 | |
| 71350 | | 284.8'-286.2' | 1.4' | | 0.008 | L0.01 | |
| 71351 | | 292.0'-293.0' | 1.0' | | 0.006 | 0.01 | |
| 71352 | | 295.0'-296.0' | 1.0' | | 0.006 | 0.09 | |
| 71353 | | 299.9'-301.5' | 1.6' | | L0.001 | L0.01 | |

9 Samples

Work Reports 415-1101, 415-1144

Project Name Bannockburn - Northeast Area Month Year

Mono Gold Mines Inc. May 1985

| Assay Tag No. | D.D.H. | Footage | Width | Assay Rejects Au oz./ton | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 71354 | 85-13 | 77.5'-78.5' | 1.0' | | L0.001 | L0.01 | |
| 71355 | | 92.0'-93.0' | 1.0' | | 0.002 | 0.01 | |
| 71356 | | 121.0'-122.0' | 1.0' | 0.077 | 0.013 | 0.01 | |
| 71357 | | 125.0'-126.0' | 1.0' | 0.012 | 0.022 | 0.01 | |
| 71358 | | 130.5'-132.0' | 1.5' | | 0.005 | L0.01 | |
| 71359 | | 133.5'-134.5' | 1.0' | 0.123 | 0.032 | 0.12 | |
| 71360 | | 135.0'-136.0' | 1.0' | | 0.008 | 0.02 | |
| 71364 | | 137.5'-139.5' | 2.0' | | 0.007 | 0.01 | |
| 71361 | | 139.5'-140.5' | 1.0' | | 0.004 | L0.01 | |
| 71363 | | 140.5'-142.1' | 1.6' | | L0.001 | 0.01 | |
| 71362 | | 142.1'-143.5' | 1.4' | 0.029 | 0.008 | L0.01 | |
| 71365 | | 159.0'-160.5' | 1.5' | | L0.001 | 0.01 | |
| 71366 | | 176.0'-178.0' | 2.0' | 0.022 | L0.001 | L0.01 | |

13 Samples

Work Reports 415-1144, 515-1144

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month May

Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | Assay Rejects Au oz./ton | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 71368 | 85-14 | 25.0'-26.0' | 1.0' | 0.008 | L0.001 | L0.01 |
| 71367 | | 26.0'-27.8' | 1.8' | 0.406 | 1.139 | 0.03 |
| 71369 | | 27.8'-28.8' | 1.0' | 0.001 | 0.058 | 0.01 |
| 71370 | | 52.0'-53.0' | 1.0' | | L0.001 | 0.01 |
| 71371 | | 138.5'-139.5' | 1.0' | | L0.001 | 0.01 |
| 71372 | | 166.5'-167.5' | 1.0' | | L0.001 | L0.01 |

6 Samples

Work Reports 415-1144, 515-1144

MONO GOLD MINES INC.

# CONTINUATION OF THIRD PHASE EXPLORATION

NORTHEAST AREA

BANNOCKBURN PROPERTY

Madoc Township, Ontario

Diamond Drill Logs

and

Assay Summary Sheets

DDH 85-15 to DDH 85-20 inclusive

To accompany Report by

SAWYER CONSULTANTS INC.

dated August 30, 1985

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | 23+18N / 41+01E |
|---|---|
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Roy V. Beavon |
| DATE LOGGED | July 2, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Test | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 272° | -58° |
| 256' | N/A | -54° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE Extend previous vein zones

| | |
|---|---|
| HOLE No. | 85-15 |
| CLAIM NAME/No. | EO 652301 |
| COMMENCED | June 30, 1985 |
| FINISHED | July 2, 1985 |
| FINAL DEPTH | 256' |
| PROJECT No. | Mono N.E. |

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 11.0 | | Casing. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11.0 | 54.5 | | PHYLLITIC ARGILLITES. | | | | | | | | | | | |
| | | | Well banded light and dark grey phyllite, banded at 45°-50°t. | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | |
| | | | Heavy sulphides (15%-30%) throughout. | | | | | | | | | | | |
| | | | 21.0'-22.0' - sericitic cherty argillites, 30% pyrite. | 24.5' | 25.5' | 1.0' | 1101G | 0.016 | 0.09 | | | | | |
| | | | 25.5'-27.0' - quartz vein, 5% pyrite, 5% pyrrhotite, trace galena. | 25.5' | 27.0' | 1.5' | 1102G | L0.003 | 0.09 | | | | | |
| | | | 27.0'-43.0' - sericitic cherty argillites with 20% pyrrhotite. | 27.0' | 28.0' | 1.0' | 1103G | L0.003 | 0.14 | | | | | |
| | | | Includes 40.3'-40.8' quartz vein, 20% pyrrhotite, trace arseno- | | | | | | | | | | | |
| | | | pyrite, trace sphalerite, trace haematite. | 39.3' | 40.3' | 1.0' | 1104G | L0.003 | 0.12 | | | | | |
| | | | 43.0'-51.5' - dark grey argillites with graphite at 47.5'. | 40.3' | 41.3' | 1.0' | 1105G | L0.003 | 0.12 | | | | | |
| | | | Approximately 20% mixed pyrite and pyrrhotite. | 41.3' | 42.3' | 1.0' | 1106G | L0.003 | 0.14 | | | | | |
| | | | 51.5'-54.5' - sericitic argillites as 27.0'-43.0' with 30% | | | | | | | | | | | |
| | | | combines pyrrhotite and pyrite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 2, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-15

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Ag oz/ton | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54.5' | 56.3' | | LIMY BIOTITE & CHLORITE SCHIST. (Metavolcanic Rocks) | | | | | | | | | | | |
| | | | 54.5'-56.3' - coarse textured pyrrhotitic tuffite with chlorite, | | | | | | | | | | | |
| | | | 20% pyrrhotite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 56.3' | 256.0' | | SCHISTOSE GREENSTONE FLOWS. (Tudor Volcanic Group) | | | | | | | | | | | |
| | | | 56.3'-70.4' - fine grained green basaltic flow - with scattered | | | | | | | | | | | |
| | | | calcitic stringers, and occasional folded quartz stringers. | | | | | | | | | | | |
| | | | 70.4'-70.8' - interflow quartzite (meta-chert) with weak banding | | | | | | | | | | | |
| | | | 45° to core axis. | | | | | | | | | | | |
| | | | 70.8'-72.0' - as 56.3'-70.4'. | 71.0' | 72.0' | 1.0' | 1107G | 0.010 | 0.03 | | | | | |
| | | | 72.0'-73.4' - quartz vein with small country rock inclusion. | 72.0' | 73.4' | 1.4' | 1108G | 2.048 | 0.12 | | | | | |
| | | | Upper contact at 50° to core axis. Lower contact at 90°-50° | 73.4' | 74.4' | 1.0' | 1109G | 0.026 | L0.01 | | | | | |
| | | | to core axis. Coarse native gold at upper contact associated | | | | | | | | | | | |
| | | | with trace pyrrhotite. Trace fine dust of grey metallic mineral. | | | | | | | | | | | |
| | | | In addition to quartz gangue there are dolomite filled vugs. | | | | | | | | | | | |
| | | | 73.4'-79.0' - fine grained flow, as 56.3'-70.4'. Minor quartz | | | | | | | | | | | |
| | | | stringers at 78.5'. | | | | | | | | | | | |
| | | | 79.0'-80.0' - biotite tuffite, well banded and folded. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 2, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-15

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | ASSAYS Ag | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | oz/ton | oz/ton | | | | | |
| 56.3 | 256.0 | (cont.) | 80.0'-92.0' - green fine grained flow as 56.3'-70.4'. | | | | | | | | | | | |
| | | | 92.0'-93.5' - foliated carbonate rock, dike or sill at 45° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 93.5'-109.8' - pale green flow material, andesite or basalt with | | | | | | | | | | | |
| | | | amygdaloidal calcite. 107.0'-107.8' banded metachert 45° to | 108.8' | 109.8' | 1.0' | 1110G | L0.003 | 0.10 | | | | | |
| | | | core axis. | 109.8' | 110.8' | 1.0' | 1111G | L0.003 | 0.04 | | | | | |
| | | | 109.8'-110.8' - quartz vein, milky quartz, with limited dolomite | 110.8' | 111.8' | 1.0' | 1112G | L0.003 | L0.01 | | | | | |
| | | | vug fillings. Trace pyrite and pyrrhotite. Variable contact | | | | | | | | | | | |
| | | | angles. | | | | | | | | | | | |
| | | | 110.8'-204.9' - monotonous green andesite with carbonate stringers | | | | | | | | | | | |
| | | | and occasional seams of pyrite or pyrrhotite. Amygdules with | | | | | | | | | | | |
| | | | calcite. Traces epidote and tourmaline at 174.0'. Most of this | | | | | | | | | | | |
| | | | greenstone section shows evidence of pillow lavas with calcite | | | | | | | | | | | |
| | | | interstices. | | | | | | | | | | | |
| | | | 204.9'-205.25' - quartz vein at 20°-30° to core axis. One flake | 203.9' | 204.9' | 1.0' | 1113G | L0.003 | 0.02 | | | | | |
| | | | of native gold near lower contact. | 204.9' | 205.9' | 1.0' | 1114G | 0.138 | 0.03 | | | | | |
| | | | 205.25'-256.0' - greenstone schist, as 110.8'-204.9'. | 205.9' | 206.9' | 1.0' | 1115G | 0.008 | 0.05 | | | | | |
| | | | Flow contact with cherty to limy chemical and trace argillaceous | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 2, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-15

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | | |
| 56.3' | 256.0' | (cont.) | sediment at 191.5'-192.6'. | | | | | | | | | | | | |
| | | | END OF DDH 85-15 AT 256.0'. | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | 23+18N |
| | 41+01E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Roy V. Beavon |
| DATE LOGGED | July 3, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 272° | -75° |
| 286' | N/A | -73° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE Work out geometry and continuity of auriferous quartz veins

HOLE No. 85-16
CLAIM NAME/No. EO 652301
COMMENCED July 2, 1985
FINISHED July 3, 1985
FINAL DEPTH 286'
PROJECT No. Mono N.E.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 6.0' | | Casing. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6.0' | 68.3' | | PHYLLITIC ARGILLITES with occasional sericitic phyllite sections. | | | | | | | | | | | |
| | | | 6.0'-24.5' - mainly dark grey, fine grained argillites - well | | | | | | | | | | | |
| | | | banded with thin cherty and sericitic laminations. Core angle | | | | | | | | | | | |
| | | | varies between 35° and 45° to core axis. Finely disseminated | | | | | | | | | | | |
| | | | pyrite (20%) and pyrrhotite (5%) throughout. | | | | | | | | | | | |
| | | | 24.5'-25.25' - quartzitic sericite chlorite schist or phyllite | | | | | | | | | | | |
| | | | with poorly defined banding. | 24.5' | 25.5' | 1.0' | 1116G | 0.002 | | | | | | |
| | | | 25.25'-26.75' - quartz vein including 0.5' of country phyllite. | 25.5' | 26.75' | 1.25' | 1117G | 0.022 | | | | | | |
| | | | Traces carbonate, pyrrhotite, pyrite. Core angle averages 45° | 26.75' | 27.75' | 1.0' | 1118G | L0.003 | | | | | | |
| | | | to core axis. Quartz is glassy to milky, with some dark seams. | | | | | | | | | | | |
| | | | 26.75'-29.5' - as 24.5'-25.25'. | | | | | | | | | | | |
| | | | 29.5'-32.25' - as 6.0'-24.5' but with poor banding at 30° to | | | | | | | | | | | |
| | | | core axis (may be cleavage). | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 3, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-16

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.0' | 68.3' | (cont.) | 32.25'-33.0' - sericite schist as 24.5'-25.25'. | | | | | | | | | | | |
| | | | 33.0'-34.0' - folded glassy to milky grey quartz vein. Includes | | | | | | | | | | | |
| | | | 10% carbonate (dolomite) and 10% pyrrhotite, trace pyrite. | | | | | | | | | | | |
| | | | Parallels schistosity but may be boudinaged. | | | | | | | | | | | |
| | | | 34.0'-49.5' - sericite phyllites, less quarzitic than previously, | | | | | | | | | | | |
| | | | but otherwise similar. Heavy sulphides (>25%) throughout, say 20% | | | | | | | | | | | |
| | | | pyrrhotite and 5% pyrite, often occurring as blebs and weak | | | | | | | | | | | |
| | | | stringers. Trace galena at 37.5', sometimes with carbonate | | | | | | | | | | | |
| | | | segregations. Gradational contact at 49.5'. | | | | | | | | | | | |
| | | | 49.5'-68.3' - mainly phyllitic argillite with occasional sericite | | | | | | | | | | | |
| | | | schist sections, essentially mixed. Up to 20% pyrrhotite throughout | | | | | | | | | | | |
| | | | and 5% pyrite. Schistosity at 35$^{\circ}$ to core axis. | | | | | | | | | | | |
| 68.3' | 70.0' | | GREENSTONE SCHIST & PHYLLITE. | | | | | | | | | | | |
| | | | 68.3'-70.0' - garnetiferous biotite-chlorite schist with thin | | | | | | | | | | | |
| | | | bands at 30$^{\circ}$ to core axis. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 3, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-16

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.0' | 286.0 | | SCHISTOSE GREENSTONE FLOWS. (Tudor Volcanic Group) | | | | | | | | | | | | |
| | | | 70.0'-90.0' - fine grained greenstone flows, with occasional | | | | | | | | | | | | |
| | | | flow-contact metacherts (quartzite), at 72.5', 71.5'. | | | | | | | | | | | | |
| | | | Flattened sugary calcite segregations (inter pillow?), and | | | | | | | | | | | | |
| | | | flattened calcitic amygdules. (0.1' quartz carbonate stringer | 88.8' | 89.8' | 1.0' | 1119G | 0.010 | | | | | | | |
| | | | at 74.0'.) | 89.8' | 90.8' | 1.0' | 1120G | 0.359 | | | | | | | |
| | | | 90.0'-90.5' - quartz vein, milky white - translucent with trace | 90.8' | 91.8' | 1.0' | 1121G | L0.003 | | | | | | | |
| | | | pyrite and trace pyrrhotite, trace native gold. Contacts at | | | | | | | | | | | | |
| | | | $45^{o}$-$15^{o}$ to core axis. | | | | | | | | | | | | |
| | | | 90.5'-103.2' - biotitized and chloritized flows with calcite | | | | | | | | | | | | |
| | | | stringers and occasional narrow quartz veinlets. Schistosity | | | | | | | | | | | | |
| | | | at $30^{o}$ to core axis. Flow contact at 101.5' (cherty quartzite). | | | | | | | | | | | | |
| | | | 102.5'-103.5' - quartz vein at $45^{o}$ to core axis. Good evidence | 102.5' | 103.5' | 1.0' | 1122G | L0.003 | | | | | | | |
| | | | of dilation. Negligible mineralization. | | | | | | | | | | | | |
| | | | 103.5'-115.0' - fine grained greenstone flows with occasional | | | | | | | | | | | | |
| | | | quartz tourmaline veinlets, at 105.5' with arsenopyrite and | | | | | | | | | | | | |
| | | | dolomite, at 115.5' with idiomorphic tourmaline. Tend to cut | | | | | | | | | | | | |
| | | | schistosity obliquely at $36^{o}$ to core axis. | | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED July 3, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-16

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton |
|---|---|---|---|---|---|---|---|---|
| 70.0' | 286.0' | (cont.) | 115.0'-115.5' - quartz tourmaline (schorl?). | 115.0' | 116.0' | 1.0' | 1123G | <0.003 |
| | | | 115.5'-137.5' - as 103.5'-115.0'. Flow contact quartzite, well | | | | | |
| | | | banded at 119.0', 122.0'-123.0', 135.5'. Quartz tourmaline | | | | | |
| | | | veinlets at 117.5' and 137.0'. Trace tetradymite at 132.0' | | | | | |
| | | | on isolated pyrite stringer. Bedding varies from 35$^{o}$ to core | | | | | |
| | | | axis to parallel to core axis. Scoriaceous zone at 120.5'. | | | | | |
| | | | Quartz amygdules at 134.0' (1.5 cm long). Trace native silver? | | | | | |
| | | | at 132.0' on isolated sulphide stringer. | | | | | |
| | | | 137.5'-140.4' - green sill with well preserved chill at 137.5' | | | | | |
| | | | at 50$^{o}$ to core axis. Carbonate (calcite) alteration throughout. | | | | | |
| | | | Appears to be folded with quartzitic flow contact parallel to | | | | | |
| | | | core axis at 140.0'. Lower contact cut by quartz vein at 90$^{o}$ | | | | | |
| | | | to core axis. Well schisted with heavy biotite. | 140.0' | 141.0' | 1.0' | 1124G | <0.003 |
| | | | 140.4'-140.3' - quartz vein with tourmaline patch. | | | | | |
| | | | 140.3'-151.0' - variegated flows and flattened hyaloclastite | | | | | |
| | | | structure. | | | | | |
| | | | 151.0'-156.0' - interflow tuffites with heavy banded sulphides | | | | | |
| | | | (pyrrhotite). Cherty groundmass in places. Otherwise a banded | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 3, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-16

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | ASSAYS Te ppm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.0' | 286.0' | (cont.) | biotite schist. | | | | | | | | | | | |
| | | | 156.0'-186.4' - fine grained green flows. Cherty and calcareous | | | | | | | | | | | |
| | | | flow contact at 161.0'. Typical metagreenstones with calcite | | | | | | | | | | | |
| | | | segregations throughout. Biotite-chlorite schist lacking | | | | | | | | | | | |
| | | | lamination. Quartz calcite vein at 166.0'. | | | | | | | | | | | |
| | | | 186.4'-186.5' - quartz veinlet with native gold and tetradymite. | 184.0' | 185.0' | 1.0' | 1125G | 0.003 | | | | | | |
| | | | At $50^{\circ}$ to core axis 10% pyrrhotite. | 185.0' | 186.0' | 1.0' | 1126G | 1.487 | | | | | | |
| | | | 186.5'-203.0' - limy greenstone schists as 156.0'-186.4'. | 186.0' | 187.0' | 1.0' | 1127G | 0.008 | | | | | | |
| | | | 20% pyrrhotite at 202.5' with carbonate alteration? | | | | | | | | | | | |
| | | | 203.0'-203.2' - quartz vein with coarse native gold and tetradymite. | 201.5' | 202.5' | 1.0' | 1128G | 0.008 | | | | | | |
| | | | Auriferous zone. | 202.5' | 204.5' | 2.0' | 1129G | 6.633 | 75.00 | | | | | |
| | | | 203.2'-204.0' - greenstone schist, trace arsenopyrite, native gold. | 204.5' | 205.5' | 1.0' | 1130G | 0.324 | | | | | | |
| | | | 204.0'-204.1' - quartz stringer, pyrrhotite with native gold and | | | | | | | | | | | |
| | | | tetradymite. | | | | | | | | | | | |
| | | | 204.1'-205.0' - limy tuffaceous flow contact? or carbonate altered | | | | | | | | | | | |
| | | | zone. | | | | | | | | | | | |
| | | | 205.0'-248.5' - schisted in part amygdule, in part carbonate | | | | | | | | | | | |
| | | | altered biotite-chlorite flows, with folded quartz segregations at | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 3, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-16

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.0' | 286.0' | (cont.) | 227.0', and 230.0'. Quartz carbonate stringer at 237.0'. | | | | | | | | | | | |
| | | | 248.5'-250.0' - quartz-tourmaline (>1%) vein sub parallel to | | | | | | | | | | | |
| | | | core axis. Cuts pyritic quartz segregation. | 249.0' | 250.0' | 1.0' | 1133G | 1.288 | | | | | | |
| | | | 250.0'-253.2' - as 205.0'-248.5' with bedding parallel to core axis. | | | | | | | | | | | |
| | | | 253.2'-255.0' - mixed quartz - vein and schist with some carbonate, | 253.3' | 255.3' | 2.0' | 1132G | 2.129 | | | | | | |
| | | | 5% pyrrhotite. | | | | | | | | | | | |
| | | | 255.0'-258.0' - flow contact zone with cherty quartz. | | | | | | | | | | | |
| | | | 258.0'-286.0' - greenstone schists with biotite and chlorite, and | | | | | | | | | | | |
| | | | quartz-carbonate inter pillow(?) patches. Quartz vein with | 270.0' | 271.0' | 1.0' | 1131G | 0.012 | | | | | | |
| | | | 15% pyrrhotite at 270.5'. | | | | | | | | | | | |
| | | | END OF DDH 85-16 AT 286.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 24+10N | METHOD: Acid Test | | |
| 40+98E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | 0' | | -45° |
| CORE SIZE BQ | 200' | | -40° |
| LOGGED BY Roy V. Beavon | 400' | | -38° |
| DATE LOGGED July 5, 1985 | | | |
| MAP REFERENCE No. 31C/12 | | | |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE To determine number of auriferous veins

HOLE No. 85-17
CLAIM NAME/No. EO 652301
COMMENCED July 4, 1985
FINISHED July 6, 1985
FINAL DEPTH 404'
PROJECT No. Mono N.E.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 7.5' | | Cased to 8.0'. | | | | | | | | | | | |
| 7.5' | 13.0' | | RUSTY PHYLLITE. Heavily oxidized pyrrhotite and pyrite. | | | | | | | | | | | |
| | | | Well banded argillites. | | | | | | | | | | | |
| 13.0' | 404.0' | | SCHISTOSE GREENSTONE FLOWS. (Tudor Volcanic Formation) | | | | | | | | | | | |
| | | | Oxidized calcareous green phyllite with calcitic laminations. | | | | | | | | | | | |
| | | | Cherty and calcitic flow contacts at 22.0'-23.5', 25.3', 30.5'. | | | | | | | | | | | |
| | | | Amygdaloilal fine grained flows. | | | | | | | | | | | |
| | | | 35.7'-37.0' - carbonate altered schisted biotitic sill. | | | | | | | | | | | |
| | | | Chill preserved at 60° to core axis. | | | | | | | | | | | |
| | | | 37.0'-62.0' - pale green amygdaloidal flows - green schist | | | | | | | | | | | |
| | | | with calcite stringers. Flow contact at 46.4'-46.9'. | | | | | | | | | | | |
| | | | Abundant amygdules at 53.0'-54.0'. | | | | | | | | | | | |
| | | | 62.0'-62.4' - quartz vein at 60°-45° to core axis. Milky | 61.6' | 62.6' | 1.0' | 1134G | 0.004 | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED July 5, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-17

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au oz/ton | | | | | | |
| 13.0' | 404.0 | (cont.) | white with dolomite stringers. | | | | | | | | | | | |
| | | | 62.4'-64.5' - as 37.0'-62.0'. | | | | | | | | | | | |
| | | | 64.5'-65.0' - quartz-carbonate veins at 55° to core axis. | | | | | | | | | | | |
| | | | Negligible mineralization. | | | | | | | | | | | |
| | | | 65.0'-74.1' - as 37.0'-62.0', with partly deformed breccia at | | | | | | | | | | | |
| | | | 65.5', and thinly laminated at 73.0'-74.0'. Numerous calcitic | | | | | | | | | | | |
| | | | sections throughout. | 73.0' | 74.0' | 1.0' | 1135G | L0.002 | | | | | | |
| | | | 74.1'-75.0' - massive white quartz, glassy to granular in | 74.0' | 75.0' | 1.0' | 1136G | 2.052 | | | | | | |
| | | | texture. (Ground core in two places.) Sharp contacts at 60° | 75.0' | 76.0' | 1.0' | 1137G | 0.014 | | | | | | |
| | | | to core axis. Native gold and trace tetradymite. | | | | | | | | | | | |
| | | | Trace pyrite on lower contact. | | | | | | | | | | | |
| | | | 75.0'-104.5' - monotonous green schist with sparse calcite | | | | | | | | | | | |
| | | | stringers. | | | | | | | | | | | |
| | | | 104.5'-108.0' - massive grey chert of interflow origin. | | | | | | | | | | | |
| | | | Occasional carbonate stringers. Traces coarse pyrite at 107.5'. | | | | | | | | | | | |
| | | | Weakly banded at 60° to core axis. | | | | | | | | | | | |
| | | | 108.0'-135.1' - schistose greenstone as 75.0'-104.5'. | | | | | | | | | | | |
| | | | Occasional finely amygdular sections. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 5, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-17

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0' | 404.0' | (cont.) | Cherty flow contact at 116.5'. Several ground core sections | | | | | | | | | | | |
| | | | at 120.0'-124.0'. Core loss less than 0.2'. Narrow quartz | | | | | | | | | | | |
| | | | stringers at 127.0', 127.5'. Schistosity at 80° to core axis. | | | | | | | | | | | |
| | | | 135.1'-135.3' - quartz vein at 70° to core axis. Translucent | | | | | | | | | | | |
| | | | white quartz with tourmaline and pyrrhotite. | 133.9' | 134.9' | 1.0' | 1138G | 0.016 | | | | | | |
| | | | 135.3'-135.7' - mixed quartz and country rock with native gold | 134.9' | 135.9' | 1.0' | 1139G | 1.056 | | | | | | |
| | | | traces (cut by quartz tourmaline vein?) associated with quartz | 135.9' | 136.9' | 1.0' | 1140G | 0.242 | | | | | | |
| | | | stringer. | | | | | | | | | | | |
| | | | 135.7'-150.4' - fine grained chlorite schist (flows) with | | | | | | | | | | | |
| | | | occasional quartz and quartz-calcite stringers. Pyrite | | | | | | | | | | | |
| | | | stringers at 146.5'. | | | | | | | | | | | |
| | | | 150.4'-151.9' - massive white translucent quartz with trace | 150.4' | 151.9' | 1.5' | 1141G | 0.042 | | | | | | |
| | | | carbonate and pyrite selvages. Contacts at 80° to core axis. | | | | | | | | | | | |
| | | | 151.9'-157.3' - as 135.7'-150.4'. 0.2' quartz stringer at 154.7'. | | | | | | | | | | | |
| | | | 157.3'-158.4' - massive grey chert, weakly banded at 60° to | | | | | | | | | | | |
| | | | core axis. | | | | | | | | | | | |
| | | | 158.4'-173.4' - as 135.7'-150.4' with quartz chlorite veinlets | | | | | | | | | | | |
| | | | at 161.0', 161.5'. Cherty infolds at 167.0'-169.0'. Narrow | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 5, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-17

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0' | 404.0 | (cont.) | quartz veined with pyrite and soft fibrous tan zeolite? at 170.0'. | | | | | | | | | | | |
| | | | 173.4'-175.5' - massive glassy translucent quartz at 45° to | 173.4' | 175.5' | 2.1' | 1142G | 0.010 | | | | | | |
| | | | core axis. 20% pyrite and inclusions of country rock. | | | | | | | | | | | |
| | | | Tourmaline needles in chlorite. | | | | | | | | | | | |
| | | | 175.5'-178.1' - massive greenstone with weak schistosity, and | | | | | | | | | | | |
| | | | scattered fine sulphide disseminations. Becoming harder with | | | | | | | | | | | |
| | | | depth. | | | | | | | | | | | |
| | | | 178.1'-179.0' - massive quartz at 40° to core axis. Magnetite | 178.0' | 179.0' | 1.0' | 1143G | 0.010 | | | | | | |
| | | | streak in greenstone wall at 179.1'. | | | | | | | | | | | |
| | | | 179.0'-181.8' - as 175.5'-178.1' with occasional quartz pyrite | | | | | | | | | | | |
| | | | stringers. | | | | | | | | | | | |
| | | | 181.8'-182.4' - quartz vein at 45° to core axis. | 181.8' | 182.8' | 1.0' | 1144G | 0.008 | | | | | | |
| | | | 182.4'-186.5' - weakly schistose to massive greenstone, probably | | | | | | | | | | | |
| | | | a coarser central flow portion. Magnetite schlieren at 182.6' - | | | | | | | | | | | |
| | | | (seems to form under selvage of some veins). | | | | | | | | | | | |
| | | | 186.5'-187.2' - several quartz veinlets at 20° to core axis. | | | | | | | | | | | |
| | | | Magnetite selvage at 187.2' and 187.5'. | | | | | | | | | | | |
| | | | 187.2'-188.0' - as 182.0'-186.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 5, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-17

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0' | 404.0' | (cont.) | 188.0'-188.7' - more quartz veins at low angle to core axis. | 186.5' | 189.0' | 2.5' | 1145G | oz/ton 0.004 | | | | | | |
| | | | 188.7'-254.0' - fine grained greenstone flows. Scoriaceous | | | | | | | | | | | |
| | | | flow top at 194.5'-195.5' with calcite amygdules. Occasional | | | | | | | | | | | |
| | | | pyrrhotite and some magnetite, the pyrrhotite associated with | | | | | | | | | | | |
| | | | carbonate veinlets. Quartz-calcite veinlet at 30$^{\circ}$ to core | | | | | | | | | | | |
| | | | axis at 200.0'-200.5', and 203.5'. Numerous quartz carbonate - | | | | | | | | | | | |
| | | | (pyrite) stringers throughout. Some darker vs. paler green | | | | | | | | | | | |
| | | | sections. Disseminated pyrrhotite becoming heavier (10%) in | | | | | | | | | | | |
| | | | massive flows at 247.5'-254.0'. [0.5' lost core at 249.0'.] | | | | | | | | | | | |
| | | | Trace malachite? Possible fault at 249.0'. | | | | | | | | | | | |
| | | | 254.0'-267.0' - paler green schistose calcareous greenstones, | | | | | | | | | | | |
| | | | mainly flows but may be some thin tuffs. Strong schistosity | | | | | | | | | | | |
| | | | at 254.0', gradually diminishing. | | | | | | | | | | | |
| | | | 267.0'-274.6' - darker green, more massive flows. Heavy | | | | | | | | | | | |
| | | | pyrrhotite and trace pyrite at 267.0'-274.6'. Biotite prominent | | | | | | | | | | | |
| | | | at 269.0'. Flow contact chert at 274.0'-274.6', weakly banded | | | | | | | | | | | |
| | | | at 45$^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 274.6'-295.0' - greenstone flow with calcite stringers and some | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 5, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-17

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0' | 404.0' | (cont.) | carbonate and epidote alteration, often in selvages of or within | | | | | | | | | | | |
| | | | calcitic stringers. | | | | | | | | | | | |
| | | | 295.0'-304.0' - gradational contact at 295.0' between calcareous | | | | | | | | | | | |
| | | | flow and more massive flow with disseminated pyrrhotite in | | | | | | | | | | | |
| | | | amygdules. Numerous quartz calcite stringers. | | | | | | | | | | | |
| | | | 304.0'-316.0' - pale green carbonated flows or chlorite schist. | | | | | | | | | | | |
| | | | Riddled with calcite stringers. Possible fault at 307.0'. | | | | | | | | | | | |
| | | | (Water circulation lost.) | | | | | | | | | | | |
| | | | 316.0'-316.5' - translucent white quartz vein at 60° to core | 315.5' | 316.5' | 1.0' | 1146G | 0.004 | | | | | | |
| | | | axis. Trace calcite, negligible mineralization. | | | | | | | | | | | |
| | | | 316.5'-321.5' - as 304.0'-316.0'. | | | | | | | | | | | |
| | | | 321.5'-322.8' - massive white quartz with inclusion of country rock. | 321.5' | 323.8' | 2.3' | 1147G | 0.006 | | | | | | |
| | | | 322.8'-404.0' - as 304.0'-316.0', becoming mottled from 334.0'- | | | | | | | | | | | |
| | | | 350.5'. Possible flow contact at 350.5' masked by quartz stringer. | | | | | | | | | | | |
| | | | 5% disseminated sulphides from 350.5'-378.5', mainly pyrrhotite, | | | | | | | | | | | |
| | | | trace pyrite. Epidote alteration at 369.0', 377.0', 388.0'. | | | | | | | | | | | |
| | | | END OF DDH 85-17 AT 404.0'. | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

| COLLAR: | |
|---|---|
| | 25+90N |
| | 41+34E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Roy V. Beavon |
| DATE LOGGED | July 7, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Etch | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | | -90° |
| 250' | | -85° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE Check strike continuity of auriferous veins

HOLE No. 85-18
CLAIM NAME/No. EO 652301
COMMENCED July 6, 1985
FINISHED July 7, 1985
FINAL DEPTH 284'
PROJECT No Mono N.E.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 2.6' | | Cased overburden. | | | | | | | | | | | |
| 2.6' | 284.0' | | SCHISTOSE GREENSTONE FLOWS. (Tudor Volcanic Group) | | | | | | | | | | | |
| | | | Massive to weakly schisted greenstone flows, dark green, amygdaloidal in places, and with cherty flow contacts. Minor secondary quartz segregations. Flow contacts at 11.5', 22.0'-23.0'(?) with irregular quartz segregation. Carbonate alteration at 24.0'-26.0'. Quartz calcite veinlet at 31.7'. Cherty flow contact at 32.7'-33.4' at 15° to core axis. Flow contact chert at 35.0' (may be repeated by folding). Coarse, slightly flattened amygdaloids from 37.0'-39.0'. Amygdules mainly quartz with some carbonate. Flow contact chert at 30° to core axis at 58.5'-59.3'. | | | | | | | | | | | |
| | | | 59.3'-71.5' - massive amygdaloidal greenstone flow with rare quartz carbonate stringer. Chilled at 59.3' and near 71.5'. | | | | | | | | | | | |
| | | | 71.5'-72.0' - cherty flow contact? | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 7, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-18

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.6' | 284.0' | (cont.) | 72.0'-76.5' - carbonate altered schistose greenstone flow. | | | | | | | | | | | | |
| | | | 76.5'-77.0' - chert and limy bands constitute flow contact at | | | | | | | | | | | | |
| | | | 15° to core axis. | | | | | | | | | | | | |
| | | | 77.0'-82.0' - greenstone flow with quartz-carbonate stringers. | | | | | | | | | | | | |
| | | | 82.0'-84.0' - mixed chert and biotite schist constitute a flow | | | | | | | | | | | | |
| | | | contact. | | | | | | | | | | | | |
| | | | 84.0'-91.0' - massive flow with fine amygdules and occasional | | | | | | | | | | | | |
| | | | insignificant quartz segregations. | | | | | | | | | | | | |
| | | | 91.0' - flow contact, 0.1' of chert. | | | | | | | | | | | | |
| | | | 91.0'-93.7' - scoriaceous flow top. | | | | | | | | | | | | |
| | | | 93.7'-101.4' - carbonate altered flow or tuffaceous zone - | | | | | | | | | | | | |
| | | | (greenstone schist). May have been hyaloclastite zone. | | | | | | | | | | | | |
| | | | 101.4'-103.0' - massive quartzitic chert. (Another flow contact.) | | | | | | | | | | | | |
| | | | 103.0'-107.5' - Amygdaloidal flow with flattened quartz amygdules | | | | | | | | | | | | |
| | | | up to 1.5 cm long. | | | | | | | | | | | | |
| | | | 107.5'-108.0' - mixed chert and biotite schist - flow contact. | | | | | | | | | | | | |
| | | | (Repeats at 109.0'.) | | | | | | | | | | | | |
| | | | 108.0'-123.8' - massive greenstone flow with some carbonate | | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 7, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-18

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton |
|---|---|---|---|---|---|---|---|---|
| 2.6' | 284.0' | (cont.) | alteration. Good chill at 108.0'. | | | | | |
| | | | 123.8'-124.0' - cherty flow contact. | | | | | |
| | | | 124.0'-136.7' - massive greenstone flow (10.0' runs at this point) | | | | | |
| | | | becoming amygdaloidal and abut in carbonate alteration at 129.0'- | | | | | |
| | | | 136.0'. Occasional quartz carbonate joint fillings. | | | | | |
| | | | 136.7'-137.4' - mixed biotite schist and chert flow contact, | | | | | |
| | | | well banded at 15° to core axis. | | | | | |
| | | | 137.4'-142.5' - as 124.0'-136.7'. | | | | | |
| | | | 142.5'-144.5' - cherty flow contact at 0° to core axis. | | | | | |
| | | | 144.5'-155.2' - weakly schisted greenstone flow with flattened | | | | | |
| | | | quartz amygdules. | | | | | |
| | | | 155.2'-155.0' - cherty flow contact at 70° to core axis. | | | | | |
| | | | 155.0'-168.5' - weakly schisted greenstone flow. Contains quartz | | | | | |
| | | | veinlets with biotite selvages at 161.0'. Some secondary biotite | | | | | |
| | | | after hornblende? Quartz segregations at 165.0'. Flow contact | 167.0' | 168.0' | 1.0' | 1148G | 0.004 |
| | | | chert at 168.4', cut by quartz veins (below). | 168.0' | 169.2' | 1.2' | 1149G | <0.003 |
| | | | 168.5'-174.1' - quartz vein complex. 169.2'-174.1' - Discovery | 169.2' | 171.2' | 2.0' | 1150G | <0.003 |
| | | | Vein(?) with 5% disseminated pyrite and trace native gold. | 171.2' | 174.0' | 2.8' | 1151G | <0.003 |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 7, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-18

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.6' | 284.0' | (cont.) | $60^{\circ}$ to core axis. 169.2'-171.8' - zone of quartz and biotite | | | | | | | | | | | | |
| | | | segregations composed of 60% quartz in angular segregations, and | | | | | | | | | | | | |
| | | | 40% of biotitized country rock. Negligible mineralization. | | | | | | | | | | | | |
| | | | 171.8'-171.9' - altered greenstone. 171.9'-174.1' - white, | | | | | | | | | | | | |
| | | | relatively clean quartz with biotite segregations. This is | | | | | | | | | | | | |
| | | | translucent quartz similar to the tourmaline bearing veins. | | | | | | | | | | | | |
| | | | 174.1'-180.5' - slightly biotitized greenstone flow with | | | | | | | | | | | | |
| | | | boudinaged quartz-carbonate segregations. Schistosity at $20^{\circ}$ | | | | | | | | | | | | |
| | | | to core axis. | | | | | | | | | | | | |
| | | | 180.5'-181.1' - cherty flow contact cut by cherty quartz veinlet. | | | | | | | | | | | | |
| | | | 181.1'-189.5' - fine grained weakly carbonated greenstone flow. | | | | | | | | | | | | |
| | | | 189.5' - possible flow contact with quartz-carbonate stringer. | | | | | | | | | | | | |
| | | | 189.5'-217.8' - weakly banded greenstone flow parallel to core | | | | | | | | | | | | |
| | | | axis. Quartz carbonate stringers at 196.5' with trace pyrite, | | | | | | | | | | | | |
| | | | and 215.0'. | | | | | | | | | | | | |
| | | | 217.8'-218.1' - cherty flow contact showing folding. | | | | | | | | | | | | |
| | | | 218.1'-242.5' - partly amygdaloidal flow at low angle to core | | | | | | | | | | | | |
| | | | axis. Quartz-carbonate stringer at 237.5'. | | | | | | | | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED: July 7, 1985
COMPANY NAME: Mono Gold Mines Inc.
PROPERTY NAME: Bannockburn, E. Ontario

HOLE No. 85-18

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.6' | 284.0' | (cont.) | 242.5'-242.8' - chert flow contact. | | | | | | | | | | | |
| | | | 242.8'-263.0' - massive greenstone flow with occasional quartz-carbonate stringers, some of which are early, exhibiting augen or pull-apart structure. Banding parallel to core axis. Carbonate alteration from 260.0'-263.0'. | | | | | | | | | | | |
| | | | 263.0'-263.5' - cherty flow contact. | | | | | | | | | | | |
| | | | 263.5'-266.5' - massive flow with trace pyrite and occasional quartz-carbonate stringers. | | | | | | | | | | | |
| | | | 266.5'-270.8' - massive quartz vein, ranging from opaque white | 265.5' | 266.5' | 1.0' | 1152G | <0.003 | | | | | | |
| | | | to mottled grey translucent. Contains 15%-20% pyrrhotite, and | 266.5' | 270.8' | 4.3' | 1153G | <0.003 | | | | | | |
| | | | and trace pyrite, trace dolomite, trace muscovite, trace biotite. | 270.8' | 271.9' | 1.1' | 1154G | <0.003 | | | | | | |
| | | | 270.8'-284.0' - massive to varibly banded greenstone with light carbonate alteration. | | | | | | | | | | | |
| | | | END OF DDH 85-18 AT 284.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | 27+87N |
|---|---|
| | 42+38E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Roy B. Beavon |
| DATE LOGGED | July 9, 1985 |
| MAP REFERENCE No. | 31C/12 |

HOLE SURVEY

METHOD: Acid Test

| FOOTAGE | AZIMUTH | DIP |
|---|---|---|
| 0' | 272° | -45° |
| 274' | N/A | -42½° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE Check strike extent of vein system

HOLE No. 85-19
CLAIM NAME/No. EO 652301
COMMENCED July 7, 1985
FINISHED July 8, 1985
FINAL DEPTH 274'
PROJECT No. Mono N.E.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 3.0' | | Overburden, casing to 6.0'. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 3.0' | 5.0' | | MASSIVE GREENSTONE FLOWS. (Tudor Volcanic Group) | | | | | | | | | | | |
| | | | Weakly foliated mafic flow. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.0' | 5.5' | | FAULT ZONE. | | | | | | | | | | | |
| | | | Partly weathered, rusty green phyllite with oxidized sulphides. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.5' | 274.0' | | MASSIVE GREENSTONES. | | | | | | | | | | | |
| | | | Massive to weakly foliated mafic flows with calcite amygdaloids | | | | | | | | | | | |
| | | | and occasional thin cherty flow contact sediments. Some sections | | | | | | | | | | | |
| | | | contain pervasive carbonate alteration. Thin calcite and quartz | | | | | | | | | | | |
| | | | stringers throughout. No substantial quartz veins intercepted. | | | | | | | | | | | |
| | | | Negligible mineralization, trace pyrite throughout. | | | | | | | | | | | |
| | | | 5.5'-11.0' - Greenstone flow with fine amygdules calcite. Some | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 9, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-19

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton |
|---|---|---|---|---|---|---|---|---|
| 5.5' | 274,0' | (cont.) | cherty veinlets indicative of calcedonic silica (i.e. late fumerolic?). | | | | | |
| | | | 11.0'-11.4' - cherty flow contact. | | | | | |
| | | | 11.4'-58.0' - greenstone flow becoming laminated due to cleavage at 55° to core axis between 23.0'-33.0' (no sharp contacts noted). Carbonate (calcite) alteration is stronger over 23.0'-33.0' interval. Weathered carbonate vugs at 25.5'. 57.5'-58.0' - 10% pyrite. | | | | | |
| | | | 58.0'-59.0' - cherty flow contact with trace pyrite. | | | | | |
| | | | 59.0'-62.3' - greenstone flows in part amygdaloidal, trace epidote at 61.0'. | | | | | |
| | | | 62.3'-63.5' - quartz vein at 35° to core axis. Transgresses foliation, trace pyrite, trace carbonate. | 62.2' | 63.5' | 1.3' | 1155G | <0.003 |
| | | | 63.5'-83.0' - massive to schisted greenstone. Epidotitic amygdules at 64.5'. Cleavage at 50° to core axis. | | | | | |
| | | | 83.0'-84.1' - quartz-carbonate veining with schistose greenstone inclusions (could be an early fault sealed by quartz and carbonate). Negligible mineralization. | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 9, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-19

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.5' | 274.0' | (cont.) | 84.1'-89.0' - greenstone as 62.3'-63.5'. | | | | | oz/ton | | | | | | |
| | | | 89.0'-99.0' - cherty to quartzitic banded flow - contact sediment | | | | | | | | | | | |
| | | | at 60° to core axis. Well laminated with carbonate alteration | | | | | | | | | | | |
| | | | at 98.5'-99.0'. | | | | | | | | | | | |
| | | | 99.0'-99.5' - quartz-carbonate vein at 50° to core axis. Waxy | 98.7' | 99.7' | 1.0' | 1156G | L0.003 | | | | | | |
| | | | chlorite selvage at 99.5'. | | | | | | | | | | | |
| | | | 99.5'-117.0' - greenstone flows with occasional quartz-carbonate | | | | | | | | | | | |
| | | | veinlets, in part amygdular with calcite. Epidote alteration | | | | | | | | | | | |
| | | | at 112.0', 115.2', and 117.0', associated with stringer or vein | | | | | | | | | | | |
| | | | selvages. | | | | | | | | | | | |
| | | | 117.0'-117.5' - carbonate and epidote alterered flow contact | | | | | | | | | | | |
| | | | sediment. | | | | | | | | | | | |
| | | | 117.5'-184.1' - massive fine grained greenstone with quartz | | | | | | | | | | | |
| | | | carbonate veinlets at 120.0'-121.0', 124.0', 136.5'. | | | | | | | | | | | |
| | | | Carbonate (calcite) alteration at 149.0'-151.0' - on amygdaloid | | | | | | | | | | | |
| | | | section. Pyrite paint on joint at 157.0'-158.0'. Possible flow | | | | | | | | | | | |
| | | | contact at 158.0'. Quartz carbonate veinlet at 76.5'. Possible | | | | | | | | | | | |
| | | | flow contact with calcedonian quartz at 181.5'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 9, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-19

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.5' | 274.0' | (cont.) | 184.1'-185.1' - altered selvage of quartz-carbonate segregation at 184.6'&7'. Selvage consists of pale green chloritization. | | | | | | | | | | | |
| | | | 185.1'-218.6' - greenstone flows, partly schisted. Contains disseminated magnetite at 196.0'-198.0'. Quartz carbonate stringer at 202.0'-204.0', with pyrrhotite selvage, and at 213.0', 217.0', 218.0'. | | | | | | | | | | | |
| | | | 218.6'-219.5' - cherty flow contact with biotitic sediment containing 15% pyrrhotite. | | | | | | | | | | | |
| | | | 219.5'-274.0' - carbonate alteration at 212.0' with a short pale greenstone alteration zone. Coarser grained greenstone at 222.0'-226.0'. Quartz carbonate stringer at 227.0'. Variable joint - stringers at 230.0'-234.0'. Quartz-carbonate stringers at 242.0', 246.0', and 231.0'. Foliation at 60° to core axis. Typical fine grained greenstone to end of hole. | | | | | | | | | | | |
| | | | END OF DDH 85-19 AT 274.0'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

| COLLAR: | |
|---|---|
| | ~~19+01N~~ |
| | ~~42+75E~~ |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | Roy V. Beavon |
| DATE LOGGED | July 11&12, 1985 |
| MAP REFERENCE No. | 31C/12 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid Test | | |
| FOOTAGE | AZIMUTH | DIP |
| 0' | 272° | -45° |
| 364' | N/A | -40° |

COMPANY NAME MONO GOLD MINES INC.
PROPERTY NAME BANNOCKBURN, E. ONTARIO
DRILLING CONTRACTOR McKnight Drilling Company Limited
ASSAYER Chemex Labs Ltd., North Vancouver, B.C.
PURPOSE OF HOLE To look for strike and down dip extension of Discovery #1 Vein

HOLE No. 85-20
CLAIM NAME/No. EO 652302
COMMENCED July 9, 1985
FINISHED July 11, 1985
FINAL DEPTH 400'
PROJECT No. Mono N.E.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0' | 9.0' | | Casing. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9.0' | 400.0' | | PHYLLITIC ARGILLITES. | | | | | | | | | | | |
| | | | With thin quartzite infolds - 9.0'-10.0' only. | | | | | | | | | | | |
| | | | 10.0'-12.0' - massive quartz vein, partly oxidized, opaque | 10.0' | 12.0' | 2.0' | 1157G | L0.003 | | | | | | |
| | | | white quartz mottled with weakly translucent grey. Contacts | 12.0' | 13.2' | 1.2' | 1158G | L0.003 | | | | | | |
| | | | at 45° to core axis. Up to 15% scattered pyrite blebs, | | | | | | | | | | | |
| | | | including colloidal marcasite, pearly muscovite seams, 2% | | | | | | | | | | | |
| | | | dolomite. Minor inclusions of country rock. | | | | | | | | | | | |
| | | | 12.0'-13.2' - mixed quartz and dark grey phyllitic argillites | | | | | | | | | | | |
| | | | with trace pyrite. | | | | | | | | | | | |
| | | | 13.2'-35.5' - thinly banded cherty grey argillites at 65° to | | | | | | | | | | | |
| | | | core axis. Moderate circulation cleavage and up to 10% pyrite | | | | | | | | | | | |
| | | | and trace pyrrhotite throughout. Quartz veinlets with pyrite | | | | | | | | | | | |
| | | | at 17.5', 18.0', 23.0'. White quartz segregation at 24.1'. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-20

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.0' | 400.0' | (cont.) | Quartz veinlet at 25.0'. | | | | | oz/ton | | | | | | |
| | | | 35.5'-38.0' - increasing chert content mixed with thin argillites. | | | | | | | | | | | |
| | | | Up to 15% pyrite and marcasites in irregular stringers (re- | | | | | | | | | | | |
| | | | mobilized syngenetic sulphide). | | | | | | | | | | | |
| | | | 38.0'-44.0' - black cherty argillite with indistinct banding, | | | | | | | | | | | |
| | | | very hard, and much core grinding. Pyrite seams on joints. | | | | | | | | | | | |
| | | | Quartz veinlet at 40° with 20% carbonate. | | | | | | | | | | | |
| | | | 44.0'-62.8' - softer, cherty argillites with variable core | | | | | | | | | | | |
| | | | angles. Contains 15%-20% fine pyrite in blebs and disseminations. | | | | | | | | | | | |
| | | | Fine cubic quartz on joints. Quartz segregations with heavy | | | | | | | | | | | |
| | | | pyrite at 49.0'. Unmineralized white quartz segregations at 49.5'. | | | | | | | | | | | |
| | | | Heavy pyrite at 61.0', with evidence of folding. | | | | | | | | | | | |
| | | | 62.8'-63.3' - concordant quartz with trace pyrrhotite. | 62.8' | 66.8' | 4.0' | 1159G | <0.003 | | | | | | |
| | | | White to weakly mottled. | 66.8' | 70.8' | 4.0' | 1160G | <0.003 | | | | | | |
| | | | 63.3'-64.0' - as 62.8'-63.3', phyllitic argillites. | 70.8' | 75.0' | 4.2' | 1161G | <0.003 | | | | | | |
| | | | 64.0'-65.1' - quartz vein with trace pyrite in white quartz | | | | | | | | | | | |
| | | | containing grey-black streaks of country rock. Contacts are sub- | | | | | | | | | | | |
| | | | parallel to schistosity. Country rock inclusion contains pyrrhotite. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-20

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 9.0' | 400.0' | (cont.) | 65.1'-65.9' - as 62.8'-63.3' with 15% pyrrhotite. | | | | | | | | | | | |
| | | | 65.9'-68.2' - mixed quartz as 64.0'-65.1' with country rock | | | | | | | | | | | |
| | | | as 62.8'-63.3'. Bleb of coarse grained pyrrhotite at 66.0'. | | | | | | | | | | | |
| | | | Quartz is clearly infolded with phyllitic argillites, and may | | | | | | | | | | | |
| | | | be sub-parallel to core axis. | | | | | | | | | | | |
| | | | 68.2'-75.0' - mainly white to slightly mottled massive quartz | | | | | | | | | | | |
| | | | with rare inclusions of country rock. Pearly muscovite forms | | | | | | | | | | | |
| | | | irregular partings and seams at 70.7' and near lower contact. | | | | | | | | | | | |
| | | | Latter is at $90^{\circ}$ to core axis. Heavy pyrrhotite bleb at 73.0' | | | | | | | | | | | |
| | | | with pyrite and trace chalcopyrite(?). | | | | | | | | | | | |
| | | | 75.0'-92.2' - mainly cherty and phyllitic argillites, light to | | | | | | | | | | | |
| | | | dark grey in colour. Quartz with minor carbonate veinlets at 79.3', | | | | | | | | | | | |
| | | | 82.4', 83.7', 84.5', 86.0', 90.5'. Disseminated 15% pyrrhotite/ | | | | | | | | | | | |
| | | | pyrite throughout. | | | | | | | | | | | |
| | | | 92.2'-93.5' - folded quartz segregation, similar to one at 66.0' | | | | | | | | | | | |
| | | | (trace pyrrhotite). | | | | | | | | | | | |
| | | | 93.5'-94.5' - as 75.0'-92.2'. | | | | | | | | | | | |
| | | | 94.5'-95.0' - quartz segregation with trace sphalerite, and | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-2)

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton |
|---|---|---|---|---|---|---|---|---|
| 9.0' | 400.0' | (cont.) | 10% pyrrhotite. | | | | | |
| | | | 95.0'-108.8' - cherty argillites, well banded at variable angles | | | | | |
| | | | to core axis, but mostly normal to axis. Quartz veinlet at 99.5' | | | | | |
| | | | (fracture cleavage), with carbonate and pyrrhotite at 100.0', | | | | | |
| | | | 101.0', and 102.0'. | | | | | |
| | | | 108.0'-110.0' - Quartz-carbonate vein with trace pyrrhotite, | 108.8' | 110.0' | 1.2' | 1162G | <0.003 |
| | | | trace sphalerite, trace pyrite. | | | | | |
| | | | 110.0'-127.5' - as 95.0'-108.8' but includes narrow sections of | | | | | |
| | | | fine grained sericitic quartzite. Quartz segregation at 120.0' | | | | | |
| | | | with 5% pyrrhotite. Disseminated. 10% pyrrhotite throughout | | | | | |
| | | | argillites. Quartz-carbonate-pyrrhotite veinlet at 125.0'. | | | | | |
| | | | 127.5'-128.0' - quartz vein at 50° to core axis. Trace carbonate, | 127.0' | 128.0' | 1.0' | 1163G | <0.003 |
| | | | trace pyrrhotite. | | | | | |
| | | | 128.0'-163.0' - dark grey argillites with occasional dark to | | | | | |
| | | | light grey cherty laminations. Scattered pyrrhotite and pyrite, | | | | | |
| | | | up to 15% sulphides. Core angle of laminations variable. | | | | | |
| | | | Thin green tuff horizon at 147.0' parallels core axis. Possible | | | | | |
| | | | thin sill at 155.6'; 157.5' quartz carbonate stringer with | | | | | |

# Diamond Drill Record

**SAWYER CONSULTANTS INC.**

DATE LOGGED July 11, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-20

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS Au oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.0' | 400.0' | (cont.) | drousy cavities. | | | | | | | | | | | |
| | | | 163.0'-163.5' - quartz carbonate - pyrrhotite vein or segregation. | 163.0' | 164.0' | 1.0' | 1164G | L0.003 | | | | | | |
| | | | 163.5'-202.5' - phyllitic to cherty argillites with 15% pyrrhotite. | | | | | | | | | | | |
| | | | Well laminated in part at 55° to core axis. Quartz stringers | | | | | | | | | | | |
| | | | at 183.5', 185.5'-118.0', 195.5'. 202.5' - fault gouge for 5 mm | | | | | | | | | | | |
| | | | at 60°t. to core axis with slickensides or bent cleavage. | | | | | | | | | | | |
| | | | 202.5'-214.0' - as 163.0'-202.0' with folded quartzite | | | | | | | | | | | |
| | | | laminations. | | | | | | | | | | | |
| | | | 214.0'-216.0' - mafic sill - foliated biotitic sill with two | | | | | | | | | | | |
| | | | cleavages. Contacts parallel bedding in argillites, i.e. variable. | | | | | | | | | | | |
| | | | 216.0'-251.0' - banded grey argillites at 60°t. to core axis. | | | | | | | | | | | |
| | | | 15% pyrite throughout. | | | | | | | | | | | |
| | | | 251.0'-255.0' - argillites increasing in sericite content. | | | | | | | | | | | |
| | | | 255.0'-311.0' - as 216.0'-251.0' with more interbanded thin | | | | | | | | | | | |
| | | | sericitic bands. Occasional quartz stringers at 278.0' with | | | | | | | | | | | |
| | | | pyrrhotite, 280.0', 284.0', and 293.0', with pyrrhotite. | | | | | | | | | | | |
| | | | 311.0'-318.0' - sericitic phyllites, well banded, almost normal | | | | | | | | | | | |
| | | | to core axis. Negligible mineralization. | | | | | | | | | | | |

# Diamond Drill Record

SAWYER CONSULTANTS INC.

DATE LOGGED July 11/12, 1985
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, E. Ontario

HOLE No. 85-20

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 9.0' | 400.0' | (cont.) | 318.0'-325.8' - well laminated dark and light grey argillites | | | | | | | | | | | |
| | | | with 15% pyrrhotite. Schistosity at 65$^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 325.8'-328.0' - sericitic tuffaceous quartzite with irregular | | | | | | | | | | | |
| | | | quartz stringers in places. Could be folded mirror image of | | | | | | | | | | | |
| | | | previous sericitic section. | | | | | | | | | | | |
| | | | 328.0'-341.3' - delicately laminated, folded cherty argillites | | | | | | | | | | | |
| | | | with 20% pyrrhotite. Laminations up to 70$^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 341.3'-357.0' - creamy white sericitic tuffaceous quartzite to | | | | | | | | | | | |
| | | | sericitic phyllite, with rare argillite interbands. Up to 20% | | | | | | | | | | | |
| | | | sulphides including pyrite and pyrrhotite. Pyrrhotite stringer | | | | | | | | | | | |
| | | | at 357.0' (e.g. porcellanite). | | | | | | | | | | | |
| | | | 357.0'-367.0' - mainly dark grey cherty argillites with 15%-20% | | | | | | | | | | | |
| | | | sulphides. Schistosity at 65$^{\circ}$ to core axis. | | | | | | | | | | | |
| | | | 367.0'-373.4' - sericitic phyllites as 325.8'-328.0'. | | | | | | | | | | | |
| | | | 373.4'-387.7' - as 357.0'-367.0'. | | | | | | | | | | | |
| | | | 387.7'-390.0' - as 367.0'-373.4'. | | | | | | | | | | | |
| | | | 390.0'-400.0' - as 357.0'-367.0'. | | | | | | | | | | | |
| | | | END OF DDH 85-20 AT 400'. | | | | | | | | | | | |

| Project Name | Bannockburn - Northeast Area | Month | Year |
|---|---|---|---|
| | Mono Gold Mines Inc. | July | 1985 |

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 1101G | 85-15 | 24.5'-25.5' | 1.0' | | 0.016 | 0.09 |
| 1102G | | 25.5'-27.0' | 1.5' | | L0.003 | 0.09 |
| 1103G | | 27.0'-28.0' | 1.0' | | L0.003 | 0.14 |
| 1104G | | 39.3'-40.3' | 1.0' | | L0.003 | 0.12 |
| 1105G | | 40.3'-41.3' | 1.0' | | L0.003 | 0.12 |
| 1106G | | 41.3'-42.3' | 1.0' | | L0.003 | 0.14 |
| 1107G | | 71.0'-72.0' | 1.0' | ] Discovery #1 Vein | 0.010 | 0.03 |
| 1108G | | 72.0'-73.4' | 1.4' | ] 0.853 oz./ton Au | 2.048 | 0.12 |
| 1109G | | 73.4'-74.4' | 1.0' | ] 3.4' | 0.026 | L0.01 |
| 1110G | | 108.8'-109.8' | 1.0' | | L0.003 | 0.10 |
| 1111G | | 109.8'-110.8' | 1.0' | | L0.003 | 0.04 |
| 1112G | | 110.8'-111.8' | 1.0' | | L0.003 | L0.01 |
| 1113G | | 203.9'-204.9' | 1.0' | | L0.003 | 0.02 |
| 1114G | | 204.9'-205.9' | 1.0' | ] No. 2 Zone 0.073 oz./ton Au | 0.138 | 0.03 |
| 1115G | | 205.9'-206.9' | 1.0' | ] 2.0' (used diamond saw) | 0.008 | 0.05 |

15 Samples
Cert. #A8513689-001-A

Project Name Bannockburn - Northeast Area Month Year

Mono Gold Mines Inc. July 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Te ppm | |
|---|---|---|---|---|---|---|---|
| 1116G | 85-16 | 24.5'-25.5' | 1.0' | | 0.002 | | |
| 1117G | | 25.5'-26.75' | 1.25' | | 0.022 | | |
| 1118G | | 26.75'-27.5' | 1.0' | | LO.003 | | |
| 1119G | | 88.8'-89.8' | 1.0' | ] No. 1 Vein | 0.010 | | |
| 1120G | | 89.8'-90.8' | 1.0' | vg] 0.184 oz./ton Au / 2.0' | 0.359 | | |
| 1121G | | 90.8'-91.8' | 1.0' | | LO.003 | | |
| 1122G | | 102.5'-103.5' | 1.0' | | LO.003 | | |
| 1123G | | 115.0'-116.0' | 1.0' | | LO.003 | | |
| 1124G | | 140.0'-141.0' | 1.0' | | LO.003 | | |
| 1125G | | 184.0'-185.0 | 1.0' | | LO.003 | | |
| 1126G | | 185.0'-186.0' | 1.0' | vg] No. 2 Zone | 1.487 | | |
| 1127G | | 186.0'-187.0' | 1.0' | ] 0.747 oz./ton Au / 2.0' | 0.008 | | |
| 1128G | | 201.5'-202.5' | 1.0' | ] No. 2 Zone | 0.008 | | |
| 1129G | | 202.5'-204.5' | 2.0' | vg] 3.399 oz./ton Au / 4.0' | 6.633 | 75.00 | |
| 1130G | | 204.5'-205.5' | 1.0' | ] | 0.324 | | |
| 1133G | | 249.0'-250.0' | 1.0' | | 1.288 | | |
| 1132G | | 253.3'-255.3' | 2.0' | | 2.129 | | |
| 1131G | | 270.0'-271.0' | 1.0' | | 0.012 | | |

18 Samples

Cert. #A8513689-001-A & #A8514039-001-A

Project Name Bannockburn - Northeast Area | Month | Year
Mono Gold Mines Inc. | July | 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | | |
|---|---|---|---|---|---|---|---|
| 1134G | 85-17 | 61.6'-62.6' | 1.0' | | 0.004 | | |
| 1135G | | 73.0'-74.0' | 1.0' | | L0.002 | | |
| 1136G | | 74.0'-75.0' | 1.0' | vg ] No. 1 Vein | 2.052 | | |
| 1137G | | 75.0'-76.0' | 1.0' | ] $\frac{1.033 \text{ oz./ton Au}}{2.0'}$ | 0.014 | | |
| 1138G | | 133.9'-134.9' | 1.0' | ] No. 2 Zone | 0.016 | | |
| 1139G | | 134.9'-135.9' | 1.0' | vg ] $\frac{0.438 \text{ oz./ton Au}}{3.0'}$ | 1.056 | | |
| 1140G | | 135.9'-136.9' | 1.0' | ] | 0.242 | | |
| 1141G | | 150.4'-151.9' | 1.5' | | 0.042 | | |
| 1142G | | 173.4'-175.5' | 2.1' | | 0.010 | | |
| 1143G | | 178.0'-179.0' | 1.0' | | 0.010 | | |
| 1144G | | 181.8'-182.8' | 1.0' | | 0.008 | | |
| 1145G | | 186.5'-189.0' | 2.5' | | 0.004 | | |
| 1146G | | 315.5'-316.5' | 1.0' | | 0.004 | | |
| 1147G | | 321.5'-323.8' | 2.3' | | 0.006 | | |

14 Samples
Cert. #A8513769-001-A

Project Name Bannockburn - Northeast Area Month Year

Mono Gold Mines Inc. July 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | | |
|---|---|---|---|---|---|---|---|
| 1148G | 85-18 | 167.0'-168.0' | 1.0' | | 0.004 | | |
| 1149G | | 168.0'-169.2' | 1.2' | | LO.003 | | |
| 1150G | | 169.2'-171.2' | 2.0' | | LO.003 | | |
| 1151G | | 171.2'-174.0' | 2.8' | | LO.003 | | |
| 1152G | | 265.5'-266.5' | 1.0' | | LO.003 | | |
| 1153G | | 266.5'-270.8' | 4.3' | | LO.003 | | |
| 1154G | | 270.8'-270.9' | 1.1' | | LO.003 | | |

7 Samples
Cert. #A8513769-001-A

Project Name Bannockburn - Northeast Area

Mono Gold Mines Inc.

Month July

Year 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | | |
|---|---|---|---|---|---|---|---|
| 1155G | 85-19 | 62.2'-63.5' | 1.3' | | L0.003 | | |
| 1156G | | 98.7'-99.7' | 1.0' | | L0.003 | | |

2 Samples
Cert. #A8514057-001-A

Project Name Bannockburn - Northeast Area | Month | Year
Mono Gold Mines Inc. | July | 1985

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | | |
|---|---|---|---|---|---|---|---|
| 1157G | 85-20 | 10.0'-12.0' | 2.0' | | L0.003 | | |
| 1158G | | 12.0'-13.2' | 1.2' | | L0.003 | | |
| 1159G | | 62.8'-66.8' | 4.0' | | L0.003 | | |
| 1160G | | 66.8'-70.8' | 4.0' | | L0.003 | | |
| 1161G | | 70.8'-75.0' | 4.2' | | L0.003 | | |
| 1162G | | 108.8'-110.0' | 1.2' | | L0.003 | | |
| 1163G | | 127.0'-128.0' | 1.0' | | L0.003 | | |
| 1164G | | 163.0'-164.0' | 1.0' | | L0.003 | | |

8 Samples
Cert. #A8514057-001-A

| | | | | | |
|---|---|---|---|---|---|
| LOCATION: MADOC TWP. ONTARIO | | DIAMOND DRILL RECORD | | HOLE №: 85-21 | |
| AZIMUTH: 272° | | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN | |
| DIP: -45° | LENGTH: 204 ft. | ELEVATION: | | CLAIM №: E0652301 | |
| STARTED: 29 August 1985 | CORE SIZE: BQ. | DATE LOGGED: 30 August 1985 | | SECTION: 2500N | |
| COMPLETED: 30 August 1985 | DIP TESTS: 204' = 44° | | | LOGGED BY: R.V. Beavon | |
| PURPOSE: | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE № | FOOTAGE from | FOOTAGE to | LENGTH | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 4 | Casing | | | | | | | | | |
| 4 | 204 | TUDOR VOLCANIC GROUP<br>Greenstone schist with cleavage and bedding at 50 deg. to core axis. Mainly chloritic flows with occassional narrow quartz stringers. Negligible mineralization throughout, except for contacts between individual lava flows.<br>Possible cherty flow contacts at 8.5 & 11.0.<br>Amygdular section with calcite amygdules at 12-14.<br>14-24 Fine grained greenstone flow with minor occassional siliceous and carbonate stringers.<br>24-25.3 Amygdular section.<br>25.3-39.2 Fine grained greenstone flow with some finely developed carbonate amygdules. Post-schistosity siliceous stringer with epidote (?) at 39.<br>39.2-39.3 Mafic dike? or sill - heavily chloritized.<br>39.3-40 Cherty flow contact or mottled quartzite.<br>40-41 Amygdular flow section<br>41-49 Fine grained greenstone flow, becoming sparsely amygdular at 47-49. Minor carbonate (calcite) stringers throughout. | | | | | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 204 | TUDOR VOLCANIC GROUP (cont'd) | | | | | | | | | | |
| | | 49-49.2 Cherty flow contact. | | | | | | | | | | |
| | | 49.2-54 Fine grained greenstone flows with traces of chloritic amygdules. Core becoming blocky at 52-54. (possible fault at 54). | | | | | | | | | | |
| | | 54-55.5 Fine grained greenstone flow. | | | | | | | | | | |
| | | 55.5-56 Pyritic quartzite or metachert on probable flow contact. 10% pyrite in 2 mm cubes. Contact at 56 is at a 60 degree angle to core axis. | | | | | | | | | | |
| | | 56-59.5 Chloritized greenstone schist with some rare amygdules. | | | | | | | | | | |
| | | 59.5-61.2 Pyritic quartzite as 55.5-56 tr. magnetite? Occasional infolds of greenschist. | | | | | | | | | | |
| | | 61.2-90 Greenstone flow or sill: dark green fine grained flow with biotized chill zone at 61.2. | | | | | | | | | | |
| | | Possibly pillowed with good pillow rim at 70. Minor quartz and carbonate stringers throughout esp. at 73', 79' & 83'. Amygdular section from 77.7 to 79 and at 83 - 83.5. | | | | | | | | | | |
| | | 90-91.9 Well developed cherty quartzite with sharp contacts at 60° to core axis. | | | | | | | | | | |
| | | 91.9-104.2 Fine grained greenstone flow with occasional stringers and amygdular sections. Quartz stringer at 94.5, and white quartz veinlet with | | | | | | | | | | |
| | | fracture cleavage at 99. Stringer at 101.5. | 08501F | 102.8 | 103.8 | 1.0 | | <0.002 | | | | |
| | | 104.2-104.4 Quartz vein with traces native gold | 08502F | 103.8 | 104.8 | 1.0 | | 0.088 | | | | |
| | | and tetradymite (?). Contains 10% marcasite and traces of po and py. (Fine pyrite rims to marcasite blebs) | 08503F | 104.8 | 105.8 | 1.0 | | <0.002 | | | | |
| | | 104.4-120.5 Fine grained greenstone flow (as 91.9- | | | | | | | | | | |
| | | 104.2) Amygdular from 108-110. Quartz veinlets at 105.8 & 108 (with chlorite blebs), 108.8 with calcite & 111.4. Drusy quartz on irregular fracture at 10-20 deg. to core axis at footage 112. | 08504F | 107.5 | 108.5 | 1.0 | | <0.002 | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 204 | TUDOR VOLCANIC GROUP (cont'd) | | | | | | | | | |
| | | 120.5-121.5 As 104.4-120.5 with two narrow quartz veinlets. | 08505F | 120.5 | 121.5 | 1.0 | | 0.002 | | | |
| | | 121.5-124.3 As 104.4-120.5 with quartz vein from 125 to 125.3. | 08506F | 124.3 | 125.3 | 1.0 | | 0.002 | | | |
| | | 124.3-154.3 Fine grained greenstone flows with occasional amygdular sections. Traces of epidote alteration at 132.5 and 135.5. Minor carbonate stringers throughout. | | | | | | | | | |
| | | 154.3-156.2 Banded contorted tuffaceous cherty fine grained sediment with 30% sulphides, mainly pyrrhotite. Contacts at 65 deg. to core axis. | 08507F | 154.3 | 156.2 | 1.9 | | 0.002 | | | |
| | | 156.2-162 Fine grained greenstone flow. | | | | | | | | | |
| | | 162.0-163 Contact zone between flows with inter-flow sediment containing 20% po, and 0.3 ft. of quartz carbonate vein. | 08508F | 162.0 | 163.0 | 1.0 | | 0.002 | | | |
| | | 163-164.2 Fine grained greenstone flow | | | | | | | | | |
| | | 164.2-164.6 Banded quartzite or metachert, tr. mag. | | | | | | | | | |
| | | 164.6-175 Fine grained greenstone flow amygdular at 167-168.5. Quartz carbonate stringer at 168.5. | | | | | | | | | |
| | | 175-175.5 Quartzitic chert on flow contact. Contact ground out at 175.5. | | | | | | | | | |
| | | 175.5-189.5 Fine grained greenstone flow. Minor carb. stringers. Traces of epidote at 183.1-183.8. | | | | | | | | | |
| | | 189.5-191 Milky white quartz, only slightly | 08509F | 188.5 | 189.5 | 1.0 | | 0.008 | | | |
| | | translucent. Trace visible native gold at upper | 08510F | 189.5 | 191.0 | 1.5 | | 0.20 | (rejects = 0.232) | | |
| | | contact (enclosed in quartz). Trace py. (paint) on joints. Contacts at 50° and 70° to core axis | 08511 | 191.0 | 192.0 | 1.0 | | 0.012 | | | |
| | | 191-204 Fine grained almost massive greenstone flow with traces of pillow rims? Minor quartz-carbonate stringers. | | | | | | | | | |
| | | END OF DDH #21 at 204 feet. | | | | | | | | | |

LOCATION: MADOC TWP. ONTARIO

AZIMUTH:

MONO GOLD MINES INC.

# DIAMOND DRILL RECORD

MONO GOLD MINES INC.

HOLE NO: 85-22

PROPERTY: BANNOCKBURN

DIP: $-90^{\circ}$ | LENGTH: 355 ft. | ELEVATION: | CLAIM NO: E0652301

STARTED: Aug. 30/85 | CORE SIZE: BQ | DATE LOGGED: Sept. 1/85 | SECTION: 2500N

COMPLETED: Sept. 1/85 | DIP TESTS: 355=88½° | LOGGED BY: R.V. Beavon

PURPOSE:

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.5 | Casing | | | | | | | | | | |
| 3.5 | 355 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | Mainly greenstone flows, fine grained amygdaloidal sections, with superimposed schistosity at 20 degrees to core axis. | | | | | | | | | | |
| | | 3.5-4.5 Greenstone flow with well developed schistosity. | | | | | | | | | | |
| | | 4.5-5.0 Cherty quartzite representing flow contact zone. Banded at 60° to core axis. | | | | | | | | | | |
| | | 5.0-17.5 Greenstone flow, schistose and blocky. Possible fault with oxidation at 5.5 parallel to schistosity. Coarse amygdules from 5.5 to 14.5. 0.5 ft. lost core between 10 and 15 ft. | | | | | | | | | | |
| | | 17.5-18.0 Quartz segregation resembling cherty flow contact. | | | | | | | | | | |
| | | 18.0-30.1 Greenstone flow with concordant quartz-carbonite-chlorite stringers, sometimes with epidote (18.5-19.0). Quartz carb stringers strong at 24.5 to 26, tending to be concordant and running sub-parallel to core axis. Amygdaloidal section at 29-30.1. | | | | | | | | | | |
| | | 30.1-30.5 Banded tuffaceous to quartzitic sediment at 15-20 degrees to core axis. | | | | | | | | | | |
| | | 30.5-79.2 Fine grained greenstone flow with minor calcite and quartz-carbonate stringers. Coarsely amygdaloidal calcite at 39 & 43. cont'd | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-22



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 355 | TUDOR VOLCANIC GROUP (cont'd) | | | | | | | | | | |
| | | 30.5-79.2 - cont'd. Infolded quartz-epidote stringers at 42, 65, and 77.9. | | | | | | | | | | |
| | | 79.2-80.7 Thin flow with 15% magnetite in coarse, disseminated crystals. | | | | | | | | | | |
| | | 80.7-81.2 Probable flow contact tuffaceous sediment. | | | | | | | | | | |
| | | 81.2-134.5 Coarsely amygdaloidal flow with finer sections near contacts. Occasional minor quartz carbonate stringers. | | | | | | | | | | |
| | | 134.5-135 Silicified cherty flow contact, weakly banded at 60 degrees to core axis. | | | | | | | | | | |
| | | 135-144 Streaky flow grading into banded flow or tuff with carbonate rich layers up to 1 cm wide. | | | | | | | | | | |
| | | 144-145.2 A more definite flow contact tuff, well banded at 25 degrees to core axis. | | | | | | | | | | |
| | | 145.2-145.4 Pyritic quartz vein. | 08512 | 144.7 | 145.7 | 1.0 | | 0.556 | | | | |
| | | 145.4-153 Greenstone flow, amygdaloidal in part. | | | | | | | | | | |
| | | 153-154.7 Massive quartz vein? or silicified chert at 40° to core axis and concordant with schistosity and bedding. Weakly banded suggesting flow contact chert provenance. Disseminated 10% py. & po. | 08513 | 153 | 154.7 | 1.7 | | <0.003 | | | | |
| | | 154.7-159 Epidotised greenstone flow (159. - 0.05 ft. quartz at 50° to core axis with po.) Slight grinding here. | | | | | | | | | | |
| | | 159-163.8 Dark green greenstone flow, amygdaloidal 161-162. | | | | | | | | | | |
| | | 163.8-165.2 Folded quartz segregations with chlorite carbonate, po & py. Recurs at 167. | | | | | | | | | | |
| | | 165.2-171.4 Dark green amygdaloidal flow subparallel to core axis. | | | | | | | | | | |

DIAMOND DRILL RECORD

HOLE NO: 85-22



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 355 | TUDOR VOLCANIC GROUP (cont'd) | | | | | | | | | | |
| | | 171.4-171.6 Cherty flow contact with chill | | | | | | | | | | |
| | | 171.6-200 Returns to Flow seen at 171.4 - 171.6. Streaky and amygdaloidal throughout. Quartz-carbonate segregations parallel to banding at 195, 198, 199, and from 202 to 209, parallel to core axis. Cross cutting quartz vein at 210.4 (negligible mineralization), and at 212 with associated drusy quartz on joint plane. | | | | | | | | | | |
| | | 200-225 Probable mafic sill with carbonate alteration (calcite). Massive green to brown with speckled texture. Contact at 200 at 10 degrees to core axis. Cross cutting dolomite veinlet with trace po. at 209. Quartz-carbonate-chlorite stringers at 209.4 | | | | | | | | | | |
| | | 225-230.4 Greenstone flow with streaky texture. May include flow contact at 228.4, where there are quartz segregations with po & py. | | | | | | | | | | |
| | | 230.4-237 Mafic sill, similar to 200-225. Contact at 230.4 at 10 degrees to core axis. Contact at 237 a possible fault (water seam). Quartz-chlorite carbonate stringer at 235. Assoc. with drusy fracture paralleling core axis from 235-235.8 | | | | | | | | | | |
| | | 237-241.2 Streaky greenstone flow. | | | | | | | | | | |
| | | 241.2-241.8 Probable cherty flow contact with associated quartz segregation, sub-parallel to core axis in part. | | | | | | | | | | |
| | | 241.8-243 Less streaky greenstone flow, with narrow quartz-carbonate-chlorite segregation at 243. Trace pyrite. | | | | | | | | | | |
| | | 243-244 Magnetite bearing flow unit, with 10% mag. at $10^{o}$ to core axis. | | | | | | | | | | |
| | | 244-253.9 Massive greenstone flow with minor qtz. segregations. Streaky in part. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-22



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~3.5~~ | ~~355~~ | ~~TUDOR VOLCANIC GROUP (cont'd)~~ | | | | | | | | | | |
| | | 253.9-254 Quartz carbonate cross cutting veinlet trace po. | | | | | | | | | | |
| | | 254-267.1 Greenstone flow with minor quartz carbonate segregations. Lost 0.5 ft. core at 257.5. Quartz-carbonate-epidote stringer parallel to core axis at 265. Trace pyrite. Possible flow contact with quartzitic streaks at 267.1. | | | | | | | | | | |
| | | 267.1-268.5 Chloritized carbonated chilled margin of mafic sill. Carbonate alteration extends into wall rock. | | | | | | | | | | |
| | | 268.5-276 Massive greenstone flow or sill with substantial quartz-carbonate-pyrrhotite segregations at 270-271, with trace py. and po. at 272.5 and 274.5. | | | | | | | | | | |
| | | 276-276.2 Massive quartz, in part ground out. | 08514F | 275.6 | 276.6 | 1.0 | | 0.003 | | | | |
| | | Contains chloritic streaks and/or rutile needles. | | | | | | | | | | |
| | | 276.2-278.7 Chloritized chill zone of sill. | | | | | | | | | | |
| | | 278.7-294.8 Amygdaloidal greenstone flow, trace pyrite. | 08414F | 294.8 | 295.8 | 1.0 | | 0.012 | | | | |
| | | 294.8-295.1 Quartz with heavy py. and p. in part ground out | | | | | | | | | | |
| | | 295.1-313 Carbonated greenstone flow | | | | | | | | | | |
| | | 313-315 Mafic sill or flow at low angle to core axis. Carbonate alteration throughout. Good chills at 313, and 315 where flow contact chert occurs. | | | | | | | | | | |
| | | 315-345.2 Mainly massive schisted greenstone with amygdular structure and carbonate alteration resembling sills. Disseminated magnetite, and up to 10% at 330-333. | | | | | | | | | | |
| | | 345.2-345.6 Cherty flow contact. | | | | | | | | | | |
| | | 345.6-355 Greenstone flow without carbonate, 2% magnetite continues. | | | | | | | | | | |

| LOCATION: MADOC TWP. ONTARIO | | HOLE NO: 85-23 |
|---|---|---|
| AZIMUTH: 272° | **DIAMOND DRILL RECORD** MONO GOLD MINES INC. | PROPERTY: BANNOCKBURN |

MONO GOLD MINES INC.

| | | | |
|---|---|---|---|
| DIP: -72° | LENGTH: 435 feet | ELEVATION: | CLAIM NO: E0652301 |
| STARTED: Sept. 1/85 | CORE SIZE: BQ | DATE LOGGED: Sept. 4/85 | SECTION: 2350N |
| COMPLETED: Sept. 3/85 | DIP TESTS: 435 ft. = 52½° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.5 | Casing | | | | | | | | | | |
| 3.5 | 4.5 | Quartz vein with trace marcasite and pyrite | 08516F | 3.5 | 4.5 | 1.0 | | <0.003 | | | | |
| 4.5 | 203.2 | PHYLLITIC QUARTZITES & ARGILLITES (Rusty Schist Fm.) | | | | | | | | | | |
| | | Well laminated and contorted metasediments with traces to 25% sulphides throughout. Cleavage at 25° to core axis. | | | | | | | | | | |
| | | 45-10 Mainly cherty laminated fine grained quartzite normal to core axis. | | | | | | | | | | |
| | | 10-12 Mixed argillite and quartzite | | | | | | | | | | |
| | | 12-15 Mainly quartzite or meta-chert. Trace of carbonate segregations with pyrrhotite at 15. | | | | | | | | | | |
| | | 15-48.4 Mixed argillites and quartzites (meta cherts with up to 25% pyrrhotite and pyrite. | 08517F | 48 | 49 | 1.0 | | <0.003 | | | | |
| | | Cross cutting quartz veinlet with trace pyrrhotite at 19. Disseminated sphalerite in 3 mm blebs at 20.5 to 30 and 41.7-42 (concordant stringer). Sphalerite associated with quartz stringers in heavier pyrrhotite sections, and also as disseminated grains eg. 43.2. Some portions of this core may assay ½% - 1% Zn. Banding of argillites at 45° to core axis. | | | | | | | | | | |
| | | 48.4-58.5 Mainly sericitic to massive quartzites. Contact at 48.4 marked by quartz segregation with marcasite and pyrite. Another segregation subparallel to bedding at 49.8-50. Quartz-sericite | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-23



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/tAu |
|---|---|---|---|---|---|---|---|
| 4.5 | 203.2 | PHYLLITIC QUARTZITES & ARGILLITES (cont'd) | | | | | |
| | | 48.4-58.5 cont'd | | | | | |
| | | pyrrhotite segregation at 56 appears to be folded with the laminated quartzite. Minor folds and faults parallel to axial planar schistosity at 51.5 - 53. | | | | | |
| | | 58.5-60.4 Mixed quartzites and argillitic quartz-ites | | | | | |
| | | 60.4-61.2 Quartz vein with pyrite and botryoidal | 08518F | 59.4 | 60.4 | 1.0 | 0.003 |
| | | marcasite. | 08519F | 60.4 | 61.4 | 1.0 | 0.003 |
| | | 61.2-72.25 Mixed quartzites and argillites. Band-ed at 30-25 degrees to core axis, pyrrhotite stringer at 71. | 08520F | 61.4 | 62.4 | 1.0 | 0.003 |
| | | 72.25-72.35 Fault breccia at 45 and 60 degrees to core axis. Trace galena and 20% pyrite. | | | | | |
| | | 72.35-104 Phyllitic quartzites and cherty argillites moderately banded at 45° to core axis. Drusy fracture at 10 degrees to core axis at 80-81. Quartz segregations with trace of galena at 74.3, quartz at 95.4, quartz with pyrite & pyrrhotite at 98; quartz and trace galena at 99.5. | | | | | |
| | | 104-104.7 Large quartz-carbonate-pyrrhotite-pyrite segregation | 08521F | 104 | 105 | 1.0 | <0.003 |
| | | 104.7-113 Phyllite quartzite and cherty argillite | | | | | |
| | | 113-115.4 Phyllitic quartzite with heavy sericite | | | | | |
| | | 115.4-117 As 104.7-113. Well banded at 45° to core axis. | | | | | |
| | | 117-119.2 As 113-115.4. | | | | | |
| | | 119.2-124.5 Mixed fine grained quartzites and cherty argillites | | | | | |
| | | 124.5-127 Sericitic quartzite phyllite. Quartz segregation at 126.5. | 08522F | 126 | 127 | 1.0 | <0.003 |
| | | 127-134.5 Mainly well banded cherty argillites at 45 to 50 degrees to core axis. Sericite | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-23



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.5 | 203.2 | PHYLLITIC QUARTZITES & CHERTY ARGILLITES (cont'd) | | | | | | | | | | |
| | | 127-134.5 - cont'd alteration at 128.5. | | | | | | | | | | |
| | | 134.5-135 Blocky core associated with earthy white carbonate paint. | | | | | | | | | | |
| | | 135-142 As 127-134.5 with occasional quartz-carbonate segregations. 10% disseminated pyrrhotite throughout. Trace galena at 137.5, pyrrhotite stringer at 141. Becoming gradually more sericitic | | | | | | | | | | |
| | | 142-163 Mainly cherty argillites and quartzites. Heavy pyrrhotite stringer with quartz segregation at 149-149.5 & 150. Core angle approximately 50° to core axis. Heavy pyrrhotite-quartzite stringer at 162. | | | | | | | | | | |
| | | 163-163.3 Quartz vein at 70° and 40° to core axis. Up to 5% pyrrhotite, trace pyrite. Sharp contacts. | 08523F | 162.7 | 163.7 | 1.0 | | 0.003 | | | | |
| | | 163.3-171.5 Mainly quartzitic cherty argillites with creamy white bands at 30 degrees to core axis, 5-10% pyrrhotite throughout. Trace galena at 165.5. Graphitic slip with pyrite at 170. Heavy Pyrrhotite stringer with quartz segregation at 171. | | | | | | | | | | |
| | | 171.5-180.5 Pyritic cherty argillite banded at 30°-35° to core axis, with 20% disseminated pyrite. | | | | | | | | | | |
| | | 180.5-183.2 Cherty sericite quartzites and argillites, well banded, with occasional folded quartz-carbonate pyrrhotite and pyrite stringers. Coarse textured metasediments at 182-183. | | | | | | | | | | |
| | | 183.2-184 Quartz vein with heavy pyrrhotite selvage, in part with carbonate and trace mica with trace galena. | 08524F | 183.2 | 184.2 | 1.0 | | 0.003 | | | | |
| | | 184-203.2 As 180.5-183.2 with occasional quartz-pyrrhotite segregations at 190-190.5, 191. Heavy pyrrhotite stringer with trace galena at 196.5. Moderate pyrrhotite throughout reaching 25% at 194. | 08525F | 195.5 | 197 | 1.5 | | 0.003 | | | | |

DIAMOND DRILL RECORD

HOLE Nº: 85-23



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203.2 | 435 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 203.2-208 Garnetiferous greenstone with limy sections, probably a tuffaceous member of the Tudor Volcanic Fm. Moderately banded and minor quartz segregations. | | | | | | | | | | |
| | | 208-211.2 Cherty argillite with up to 50% Pyrrhotite. Well banded at 50$^{o}$ to core axis. | | | | | | | | | | |
| | | 211.2-219 Fine grained intermixed, banded volcano-sedimentary tuff. Essentially a limy chlorite schist. | | | | | | | | | | |
| | | 219-220 Quartz-carbonate vein - cherty quartz parallel to bedding of tuffs. | 08526F | 219 | 221 | 2.0 | | 0.003 | | | | |
| | | 220-221.8 As 211.2-219. | | | | | | | | | | |
| | | 221.8-222 Quartz veinlet with trace pyrrhotite | | | | | | | | | | |
| | | 222-228 Limy chlorite schist as 211.2-219. | 08527F | 228 | 229 | 1.0 | | <0.003 | | | | |
| | | 228-229 Cherty quartz cf. flow contact material | | | | | | | | | | |
| | | 229-229.8 As 222-228 | | | | | | | | | | |
| | | 229.8-235 Probable mafic sill with pseudo-gneissic structure at 45$^{o}$ to core axis. Essentially chorite schist with relict chloritic amygdules and secondary disseminated calcite. | | | | | | | | | | |
| | | 235-246 Limy chlorite schist of probable altered flow origin. Moderately banded with some biotite development. Minor quartz (carbonate) stringers. | | | | | | | | | | |
| | | 246-248.5 Massive cherty quartz with 5% pyrrhotite disseminations. Relict banding at 50$^{o}$ to core axis. | | | | | | | | | | |
| | | 248.5-253.8 Carbonate altered flows with occasional quartz carbonate-pyrrhotite stringers. Occasional minor pyrrhotite stringers and traces pyrite. Essentially altered flows with carbonate. Light green fine grained andesite (?) with occasional quartz segregations, with trace chalcopyrite (?) at 252.8; 253.8 has 0.15' quartz veinlet. | 08528F | 253 | 254 | 1.0 | | 0.098 | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-23



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203.2 | 435 | TUDOR VOLCANIC GROUP - cont'd | | | | | | | | | | |
| | | 253.8-275.2 Altered greenstone flows as 248.5-253.8 Relict amygdaloidal sections at 271-275. | | | | | | | | | | |
| | | 275.2-276.8 Quartz segregation and vein zone with pyrrhotite and tourmaline. | 08529F | 275.2 | 276.8 | 1.6 | | 0.005 | | | | |
| | | 276.8-290 Altered greenstone flows with occasional tourmaline disseminations at 284-285.7. Carbonate alteration heavy in places. | | | | | | | | | | |
| | | 290-297.2 Banded tuffs at 45-50$^{o}$ to core axis. Minor quartz segregations with indistinct contacts. Abundant carbonate alteration. | | | | | | | | | | |
| | | 297.2-298.2 Quartz vein grading to cherty quartzite (?) on flow contact (?). Contains some carbonate and limited traces of sulphides. | 08530F | 297.2 | 298.2 | 1.0 | | <0.003 | | | | |
| | | 298.2-314.5 Well banded greenstone schist; probably a heavily altered flow with secondary foliation at 45$^{o}$ to core axis. Minor concordant cherty quartz and carbonate at 30%. | | | | | | | | | | |
| | | 314.5-314.6 Quartz vein with fairly sharp contacts parallel to schistosity. Negligible mineralization | 08531F | 314 | 315 | 1.0 | | <0.003 | | | | |
| | | 314.6-315.2 As 298.2-314.6. Possible flow contact at 315.2 (cherty band) | | | | | | | | | | |
| | | 315.2-325.3 Less banded in part amygdaloidal flow with minor quartz and carbonate stringers - 325.3-possible flow contact mixed with stringers | | | | | | | | | | |
| | | 325.3-344.5 Fine grained greenstone flow with occasional carbonate stringers and trace disseminated pyrite. Probable cherty flow contact at 344.5. | | | | | | | | | | |
| | | 344.5-363 Greenstone flow as 325.3-344.5 with increasing carbonate alteration as sill is approached. Minor quartz-carbonate veinlets at 334.9 and 355.3. | | | | | | | | | | |
| | | 363-364.7 Mafic sill with heavy carbonate alteration-propylitic with trace pyrite. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-23

PAGE Nº: 6 of 6

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/tAu | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203.2 | 435 | TUDOR VOLCANIC GROUP - cont'd | | | | | | | | | | |
| | | 364.7-367 Greenstone flow, fine grained light to medium green with carbonate alteration. | | | | | | | | | | |
| | | 367-367.5 Massive pyritic (5%) chert. (Flow contact) | | | | | | | | | | |
| | | 367.5-374.3 Greenstone flow, in part amygdaloidal. Includes three quartz veinlets sub parallel to schistosity at 35-40 degrees to core axis at 371.7, | 08532F | 371.3 | 372.3 | 1.0 | 0.003 | | | | | |
| | | 373, and 393.9. The two latter contain tourmaline | 08533F | 372.3 | 373.3 | 1.0 | 0.003 | | | | | |
| | | traces. | 08534F | 373.3 | 374.3 | 1.0 | 0.003 | | | | | |
| | | 374.3-384.4 Carbonate altered greenstone flow. Speckled texture due to disseminated rhombs of calcite. | | | | | | | | | | |
| | | 384.4-386.5 Possible flow contact zone in part cherty and with secondary quartz stringers. | | | | | | | | | | |
| | | 386.5-393 Light green greenstone flow with minor carbonate stringers. | | | | | | | | | | |
| | | 393-408.5 Darker green flow unit with good chill at 393. Cherty infolds at 395-398. Possible cherty flow contact at 397 with quartz carbonate stringers. | | | | | | | | | | |
| | | 408.5-424 Greenstone flow with abundant cherty inclusions (folded pillow rims?) Possible flow contact at 414. | | | | | | | | | | |
| | | 424-425.6 Quartz-stringer breccia zone, recemented | 08535 | 424 | 425.6 | 1.6 | 0.003 | | | | | |
| | | trace pyrite. | | | | | | | | | | |
| | | 425.6-435 Foliated greenstone flow terminating in quartz stringer breccia at 434.5-435. | | | | | | | | | | |
| | | END OF DDH #23 at 435 feet. | | | | | | | | | | |

**LOCATION:** MADOC TWP. ONTARIO

**AZIMUTH:** 225°

MONO GOLD MINES INC.

## DIAMOND DRILL RECORD

MONO GOLD MINES INC.

**HOLE No:** 85-24

**PROPERTY:** BANNOCKBURN

**DIP:** -45° **LENGTH:** 305 feet **ELEVATION:** **CLAIM No:** E0652301

**STARTED:** September 3, 1985 **CORE SIZE:** BQ **DATE LOGGED:** **SECTION:** Drilled "off-section" 2350N

**COMPLETED:** September 5, 1985 **DIP TESTS:** 305 ft. = 42½° **LOGGED BY:** R.V. Beavon

**PURPOSE:**

| FOOTAGE from | to | DESCRIPTION | SAMPLE No: | FOOTAGE from | to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.5 | Casing | | | | | | | | | | |
| 35 | 211.8 | "RUSTY SCHIST" Fm. Mainly cherts and cherty argillite with disseminated sulphides; often with phyllitic lineation in argillaceous bands. Well banded throughout. | | | | | | | | | | |
| | | 3.5-6.2 Oxidized cherty argillites. | | | | | | | | | | |
| | | 6.2-6.9 Partly oxidized massive to vuggy quartz vein. Vugginess due to weathering of sulphide content. | 08536F | 6.2 | 7.2 | 1.0 | | <0.003 | | | | |
| | | 6.9-16.2 as 3.5-6.2 - core often broken and oxidized. | | | | | | | | | | |
| | | 16.2-19.0 Massive to weakly banded grey chert cut by .1 ft. of quartz vein at 18. with trace of pyrite. Banding at 40-50° to core axis. | | | | | | | | | | |
| | | 19.0-35 Argillaceous cherts with foliation at 35 degrees to core axis. Occasional rusty patches due to oxidization of pyrite and pyrrhotite - averages 10% sulphides. | | | | | | | | | | |
| | | 35-35.7 Milky quartz vein with sharp contacts at 40° to core axis. Contains 15% pyrrhotite, 2% sphalerite, trace galena & pyrite. | 08537F | 35 | 36 | 1.0 | | <0.003 | | | | |
| | | 35.7-47.5 Argillaceous cherts, well banded, and becoming sericitic at 39.0 to 42.3. Minor quartz segregations with pyrrhotite, pyrite & carbonate at 39.6 and 45.6 (folded) | | | | | | | | | | |

DIAMOND DRILL RECORD

HOLE No: 85-24



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 211.8 | "RUSTY SCHIST" Fm - cont'd | | | | | | | | | | |
| | | 47.5-48.5 Milky quartz vein with sharp contacts at 45$^{\circ}$ to core axis. | | | | | | | | | | |
| | | 48.5-48.7 Mixed country rock and quartz veinlet | 08538 | 47.5 | 48.5 | 1.0 | | 0.003 | | | | |
| | | similar to 47.5-48.5 | 08539F | 48.5 | 49.5 | 1.0 | | 0.003 | | | | |
| | | 48.7-50.3 Country-rock as 35.7-45.7 with quartz veinlets at 49.7 and 50.2. | 08540F | 49.5 | 50.5 | 1.0 | | 0.003 | | | | |
| | | 50.3-57.5 Argillaceous cherts with disseminated sulphides, moderately well banded, (indistinct in places) | | | | | | | | | | |
| | | 57.5-60.5 Sericitized section of cherty argillite with grey cherty quartz veins at 56.4-57, and 59.6-60.5. Quartz is speckled with silicified carbonate pseudomorphs. Negligible mineralization | | | | | | | | | | |
| | | 60.5-72 Folded argillaceous cherts with well developed banding. 10-15% sulphides. Graphite shear at 72 at 40 degrees to core axis, with narrow quartz-pyrite stringer. | | | | | | | | | | |
| | | 72-83.5 Mainly cherty argillites with variable core angles, becoming sericitic from 81-83.5. Minor quartz veinlet at 81. 10% sulphides throughout. | | | | | | | | | | |
| | | 83.5-95 Alternating grey cherts and cherty | | | | | | | | | | |
| | | argillites. Argillaceous sections with 10% pyrrhotite. Banding at 45$^{\circ}$ to core axis. | 08541F | 97.0 | 98.0 | 1.0 | | 0.003 | | | | |
| | | 95-116.5 Sericitized argillites and cherts with | | | | | | | | | | |
| | | quartz segregations at 97.0-98.0, 102-103.5, | 08542 | 101.2 | 102.5 | 1.3 | | 0.003 | | | | |
| | | Heavy Pyrrhotite at 105-108. Minor quartz veins with Pyrrhotite at 114.5 - trace of sphalerite in country rock. | | | | | | | | | | |
| | | 116.5-132 Well banded phyllitic argillites with minor chert bands with 15% pyrrhotite. Gradational contact at 132. | 08543 | 114.0 | 114.0 | 1.0 | | 0.003 | | | | |
| | | 132-147 Sericitic cherty argillites with 10-15% po. Grey cherty quartz segregations at 140 to 142. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-24



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 211.8 | "RUSTY SCHIST" Fm - Cont'd | | | | | | | | | | |
| | | 147-149.1 Quartz vein with indistinct contacts Up to 30% sulphide, rare carbonate. | 08544F | 147 | 149.1 | 2.1 | | 0.003 | | | | |
| | | 149.1-157.2 Pyrite and pyrrhotitic argellaceous cherts. | | | | | | | | | | |
| | | 157.2-157.4 Quartz-Pyrrhotite veinlet | 08545F | 156.4 | 157.4 | 1.0 | | 0.003 | | | | |
| | | 157.4-184.6 Argillaceous cherts or silicified argillites, moderately well banded at 35-40 degrees to core axis. 10-15% sulphides throughout. 30% pyrrhotite at 183-184. | | | | | | | | | | |
| | | 184.6-187.4 Pyritic cherty argillites or argillaceous cherts. Well laminated at 40° to core axis. Dark grey throughout with lighter grey to white streaks. | | | | | | | | | | |
| | | 187.4-188.1 Quartz vein with sharp contacts at 15° and 90° core axis. Heavy pyrite & pyrrhotite at 187.5 & 188.1 but negligible mineralization elsewhere. Faint banding throughout, and could be in part a silicified chert bed. Muscovite selvage at 188.1. | 08546F | 187.3 | 188.3 | 1.0 | | 0.003 | | | | |
| | | 188.1-191 Highly siliceous cherts, banded in part, and containing cross cutting minor quartz strings. | | | | | | | | | | |
| | | 191-195.2 Well laminated in part graphitic argillaceous cherts well up to 25% pyrite and 5-10% pyrrhotite. Well banded at 45° to core axis. | | | | | | | | | | |
| | | 195.2-195.5 Silicified green dike or sill with relict chloritic amygdules. Sharp contacts at 35° to core axis. | | | | | | | | | | |
| | | 195.5-197.5 As 191-195.2 with up to 30% pyrrhotite. | | | | | | | | | | |
| | | 197.5-198.5 Apparently folded quartz-pyrrhotite segregation, trace pyrite. | 08547 | 197.5 | 198.5 | 1.0 | | 0.003 | | | | |
| | | 198.5-211.8 Sericitic argillaceous cherts, light grey to beige colour with 30% pyrrhotite. Presents a coarsely mottled texture with imperfect banding at 35° to core axis. Rare minor quartz segregations | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-24



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211.8 | 305 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 211.8-237.5 Tudor Volcanic Fm - Banded epidote garnet - pyrrhotite skarn or iron formation. Often well banded at 45° to core axis. Up to 40% | | | | | | | | | | |
| | | Pyrrhotite in places. Quartz sulphide veinlets at 224.9 (.2 ft.) and 225.9 (.2 ft.). Disseminated magnetite at 233-234. Minor quartz stringer throughout. Variable core angles due to folding. | 08548F | 224.7 | 226.7 | 2.0 | | 0.208 | | | | |
| | | 237.5-246.5 Mainly massive to banded cherts with minor quartz-carbonate stringers at 238-239, and 241.2. Heavy pyrite stringer at 245.5. Calcareous tuffs at 246.5. | | | | | | | | | | |
| | | 246.5-248.4 Calcareous tuffs or altered flows | | | | | | | | | | |
| | | 248.4-249.1 Chloritic dike or sill dark green with possible garnets (1.0' of lost core at 245-249) | | | | | | | | | | |
| | | 249.1-258 Similar to 246.5-248.4 but with definite greenstones intercalated with carbonate bands. Occasional minor quartz-carbonate veinlets. | | | | | | | | | | |
| | | 258-263 Sulphidic cherty argillites with 35-50% pyrrhotite throughout. Coarsely mottled banding due in part to pyrrhotite stringers. | | | | | | | | | | |
| | | 263-280 Schisted mafic flows with cherty infolds (pillow rims?) in part with biotite. Quartz veinlet at 273.5 | 08549F | 273 | 274 | 1.0 | | 0.003 | | | | |
| | | 280-282.3 Mafic flow with 2 minor quartz stringers | 08550F | 280 | 282.3 | 1.3 | | <0.003 | | | | |
| | | 282.3-270.4 Well schisted greenstone flow with minor cherty sections. | | | | | | | | | | |
| | | 290.4-290.7 Cherty flow contact at 50 degrees to core axis. | | | | | | | | | | |
| | | 290.7-294.5 Secondarily banded greenstone flow with carbonate alteration. | | | | | | | | | | |
| | | 294.5-294.8 Mafic sill with secondary calcite stringers. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-24



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211.8 | 305 | TUDOR VOLCANIC GROUP - cont'd | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 294.8-3012 As 290.7-294.5 with occasional calcite amygdules. Foliation at 45° to core axis. | | | | | | | | | | |
| | | 301.2-302 Quartz veinlets mixed in with flow rock | 08551 | 301 | 302 | 1.0 | | 0.003 | | | | |
| | | 302-305 As 290.7-294.5 Weakly banded flows. | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | END OF DDH #24 at 305 feet. | | | | | | | | | | |

| | | | |
|---|---|---|---|
| LOCATION: MADOC TWP. ONTARIO | DIAMOND DRILL RECORD | | HOLE NO: 85-25 |
| AZIMUTH: 272° | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN |
| DIP: -55° | LENGTH: 334 ft. | ELEVATION: | CLAIM NO: E0652301 |
| STARTED: Sept. 7/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: 2430N |
| COMPLETED: Sept. 8/85 | DIP TESTS: 334 ft. = -53° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | Casing | | | | | | | | | |
| 1 | 114 | "RUSTY SCHIST" FM | | | | | | | | | |
| | | 1-4.2 Banded medium grey argillaceous cherts at 45° to core axis. Oxidized 10% sulphides | | | | | | | | | |
| | | 4.2-4.4 Quartz veinlet with trace pyrrhotite & carbonate. | | | | | | | | | |
| | | 4.4-5.8 As 1-4.2 | | | | | | | | | |
| | | 5.8-6.0 Quartz veinlet. Sharp contacts at 20° to core axis. Traces pyrite, pyrrhotite carbonate. | | | | | | | | | |
| | | 6.0-10 Light grey cherty argillites, well banded at 40° to core axis, 15-20% sulphides mainly pyrrhotite. | | | | | | | | | |
| | | 10-12 Light grey massive chert with minor sericite parallel to cleavage. | | | | | | | | | |
| | | 12-40.8 Mainly cherty argillite, dark and light grey laminations. Core angle is 40°-45°. Minor quartz segregations or stringers at 22 (with trace of pyrrhotite & carbonate), 29 (with pyrrhotite & pyrite), 31.3 (with pyrrhotite & carbonate), 32.8 (with carbonate & pyrrhotite), 35.5 (with pyrrhotite & trace of carbonate). | | | | | | | | | |
| | | More substantial quartz at 36.2-36.35 and 37.5 associated with sericitization of country-rock. | 08552F | 36 | 38 | 2.0 | | <0.003 | | | |
| | | Country-rock contains between 10 and 25% disseminated pyrrhotite and up to 5% pyrite. Heaviest at 40.8. | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-25



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 1 | 114 | "RUSTY SCHIST" FM - cont'd | | | | | | |
| | | 40.8-41.8 Massive quartz with sharp to gradational contacts, and with traces galena and sphalerite in addition to pyrrhotite in disseminated blebs. | 08553F | 408 | 41.8 | 1.0 | | 0.003 |
| | | 41.8-59.2 Cherty argillites, dark grey and banded at 40 degrees to core axis. About 15% pyrrhotite throughout. Becoming graphitic at 49. | | | | | | |
| | | 59.2-61.0 Massive to weakly banded light grey argillaceous chert. | | | | | | |
| | | 61-64.8 As 41.8-59.2 | | | | | | |
| | | 64.8-65.0 Altered mafic sill, fine grained light green. | | | | | | |
| | | 65.0-76.2 Dark grey cherty argillites with 10% pyrrhotite becoming pyritic at 71. All sulphides esp. pyrite well disseminated throughout. core angle 45°. | | | | | | |
| | | 76.2-76.4 Sericitic selvage to quartz vein. | | | | | | |
| | | 76.4-77 Quartz vein with indistinct contacts. Trace pyrrhotite, trace pyrite. | 08554F | 76.2 | 77.2 | 1.0 | | <0.003 |
| | | 77-79.5 Massive banded light grey chert at 60 degrees to core axis. Includes quartz sweat at 79.5 with pyrrhotite | 08555F | 79 | 80 | 1.0 | | <0.003 |
| | | 79.5-83 Dark grey cherty argillites with minor quartz and pyrrhotite stringers. | | | | | | |
| | | 83-86.8 As 79.5-83 with core angle 45° containing 15% pyrite & 10% pyrrhotite in well banded cherty argillites. | | | | | | |
| | | 86.8-87.0 Minor mafic sill or green dike | | | | | | |
| | | 87.0-87.2 As 79.5-83. | | | | | | |
| | | 872-87.4 Quartz vein with pyrrhotite & carbonate | 08556F | 87 | 88 | 1.0 | | <0.003 |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 114 | "RUSTY SCHIST" FM - Cont'd | | | | | | | | | | |
| | | 87.4-113.6 Dark grey cherty argillite with high sulphide content. Well banded at 45° to core axis. Token sample taken. Average pyrrhotite content 25-35%. | 08557F | 93 | 101 | 8.0 | | <0.003 | | | | |
| | | 113.6-114 Sericitic chert with sulphides | | | | | | | | | | |
| 114 | 334 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 114-117.5 Cherty chlorite schists in part banded and contacted with occasional garnet. Up to 20% pyrrhotite. | | | | | | | | | | |
| | | 117.5-118.8 Chloritized and carbonated mafic sill at 40° to core axis. | | | | | | | | | | |
| | | 118.8-124 Limy banded schists with epidote and trace pyrrhotite. In part well bedded tuffs at 35° to core axis. | | | | | | | | | | |
| | | 124-134 Light green altered mafic flow with calcite stringers. Contains quartz vein at (131.7-132.5). Cross cutting white quartz with pyrrhotite blebs | 08558F | 131.5 | 132.5 | 1.0 | | <0.003 | | | | |
| | | 134-136.3 Rusty Schist Fm: Cherty argillites - dark grey with 30% pyrrhotite. | | | | | | | | | | |
| | | 136.3-137.7 Pyrrhotite bearing tuffs and/or chlorite schist | | | | | | | | | | |
| | | 137.7-138.1 Quartz-carbonate-pyrrhotite vein | 08559F | 137.5 | 138.5 | 1.0 | | <0.003 | | | | |
| | | 138.1-139.1 Contorted cherty banded tuffs and chlorite schist. | | | | | | | | | | |
| | | 139.1-141 Chloritic mafic sill with some calcite stringers. Includes quartz vein contacts at 140.5 (.2') - sharp at 45° to core axis | 08566 | 140 | 141 | 1.0 | | <0.002 | | | | |
| | | 141-141.3 Cherty flow contact | | | | | | | | | | |
| | | 141.3-143 Carbonate altered secondarily banded flows (?). | | | | | | | | | | |

## DIAMOND DRILL RECORD

HOLE Nº: 85-25



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 114 | 334 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 143-144 Chloritic mafic sill, sharp contacts at $30^{\circ}$ to core axis. | | | | | | | | | | |
| | | 144-145.2 As 141.3-143 | | | | | | | | | | |
| | | 145.2-146 Cherty flow contact. | | | | | | | | | | |
| | | 146-147.5 Greenstone flow? with abundant calcite | 08560F | 147 | 148 | 1.0 | | <0.003 | | | | |
| | | stringers. Essentially chlorite schist. | 08561F | 149.8 | 150.8 | 1.0 | | <0.002 | | | | |
| | | 147.5-147.6 Quartz vein with carbonate | 08562F | 152 | 153 | 1.0 | | <0.002 | | | | |
| | | 147.6-150.3 As 146-147.5 - Minor quartz vein with with carbonate and biotite at 150. Probable fault at 150.3 with quartz-pyrite veinlet. | | | | | | | | | | |
| | | 150.3-152.3 As 146-147.5 | | | | | | | | | | |
| | | 152.3-164 Poorly banded greenstone flow breccia with occasional minor cherty infolds. Occasional calcite stringers. | | | | | | | | | | |
| | | 164-166 Quartz vein with inclusion of country-rock. Mottled grey and white quartz with pyrite paint, trace carbonate and chlorite. | 08563 | 164 | 166 | 2.0 | | <0.002 | | | | |
| | | 166-166.9 As 152.3-164 | | | | | | | | | | |
| | | 166.9-167.1 Quartz-tourmaline vein with fairly sharp contacts normal and at $60^{\circ}$ to core axis. | | | | | | | | | | |
| | | 167.1-169. Greenstone schist flow | | | | | | | | | | |
| | | 169-170.5 Banded cherty flow contact quartzite with trace syngenetic pyrrhotite. Also contains banded tuffite and cherts. | | | | | | | | | | |
| | | 170.5-174 Schistose greenstone flow unit, amygdaloidal in part. | | | | | | | | | | |
| | | 174-174.4 Banded cherty flow contact (?) | | | | | | | | | | |
| | | 174.4-181.5 Partly amygdaloidal flow with occasional amygdules and abundant secondary banding with calcite stringers. Possible deformed flow breccia at 181.0-181.5 | | | | | | | | | | |
| | | 181.5-181.9 Flow contact cherty quartzite | | | | | | | | | | |

DIAMOND DRILL RECORD

HOLE No: 85-25



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 114 | 334 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 181.9-189 Greenstone flow with traces of deformed flow breccia at 182-183. | | | | | | |
| | | 189-189.1 Probable flow contact with interflow chloritic sediment (?). | | | | | | |
| | | 189.1-191.7 Fairly massive greenstone | | | | | | |
| | | 191.7-191.9 Quartz-tourmaline-carbonate vein with fiarly sharp contacts, repeated at 192. | 08564F | 191.2 | 192.2 | 1.0 | | 0.038 |
| | | 191.9-192.2 As 181.9-189 | 08565F | 192.2 | 193.2 | 1.0 | | 0.002 |
| | | 192.2-193 Mottled quartz vein or segregation | | | | | | |
| | | 193-195 As 189.1-191.7 | | | | | | |
| | | 195-195.4 Flow breccia flow contact with quartz-carbonate segregation | | | | | | |
| | | 195.4-207 Amygdular greenstone schist flow unit with minor calcite stringers. Minor quartz veinlet at 206. | | | | | | |
| | | 207-207.5 Probable flow contact chert cut by minor quartz-tourmaline stringer | | | | | | |
| | | 207.5-213.2 Secondarily banded greenstone schist flow. Banding at 45$^{o}$ to core axis. | | | | | | |
| | | 213.2-213.4 Banded cherty flow contact | | | | | | |
| | | 213.4-215.6 As 217.5-213.4 | | | | | | |
| | | 215.6-215.7 Cross cutting quartz vein with pyrite (3%) sharp contacts. | 08567F | 215.3 | 216.3 | 1.0 | | <0.002 |
| | | 215.7-266 Weakly schisted light to dark green greenstone flows with occasional calcite stringers and quartzitic segregations. Traces of pyrite at 227-228 and at 261-262, where it is associated with epidotized calcite stringers. Possible sill or dike at 235.5. Tourmaline-quartz stringer at 249.5 Amygdaloidal sections in places showing well flattened amygdules. | | | | | | |
| | | 266-267.2 Weakly banded cherty quartzite with 5% disseminated pyrite. | 08568F | 266 | 267.2 | 1.2 | | <0.002 |

# DIAMOND DRILL RECORD

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 114 | 334 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 267.2-283.8 Fairly massive chlorite-biotite schist or greenstone flow with minor calcite and quartz stringers. Foliated at 35$^{\circ}$ to core axis. Occasional fine amygdular sections. | | | | | | |
| | | 283.8-284.1 Quartz veinlet with chlorite streak | 08569F | 283.5 | 284.5 | 1.0 | | <0.002 |
| | | 284.1-285 Cherty quartzite on flow contact. | | | | | | |
| | | 285-289.2 Distinctive flow or sill with good chills, some of which are internal. A well foliated banded greenstone with occasional cherty inclusions. | | | | | | |
| | | 289.2-289.4 Quartz veinlet with pyrrhotite. Sharp contacts at 20$^{\circ}$ to core axis | 08570F | 288.9 | 289.9 | 1.0 | | <0.002 |
| | | 289.4-304.2 A s 285-299.2 with minor quartz-druse at 291, and a possible breccia xenolith at 291 and 296. | | | | | | |
| | | 304.2-304.8 Cherty quartzite with indistinct banding. Another flow contact zone. | | | | | | |
| | | 304.8-310.5 Secondarily foliated amygdaloidal flow and flow breccia. Minor quartz and carbonate stringers. | | | | | | |
| | | 310.5-311 Cherty flow contact, well banded at 45$^{\circ}$ to core axis. | | | | | | |
| | | 311.0-313 Foliated flow breccia with large fragments. Minor quartz carbonate stringers. | | | | | | |
| | | 313-315 Greenstone schist flow (?) | | | | | | |
| | | 315-321.5 As 313-315 with abundant quartz-carbonate-pyrrhotite and trace sericite. | 08571F | 315 | 317 | 2.0 | | <0.002 |
| | | 321.5-324 As 313-315. | | | | | | |
| | | 324-334 Massive looking greenstone schist and flow. Minor quartz pyrrhotite stringer and minor quartz stringers. | 08572F | 321.5 | 324 | 2.5 | | <0.002 |
| | | END OF DDH 85-25 at 334 Feet | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| LOCATION: MADOC TWP. ONTARIO | | DIAMOND DRILL RECORD | | HOLE NO: 85-26 | |
| AZIMUTH: 235° | | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN | |
| DIP: -45° | LENGTH: 284 ft. | ELEVATION: | | CLAIM NO: E0652301 | |
| STARTED: Sept. 9/85 | CORE SIZE: BQ | DATE LOGGED: | | SECTION: "OFF SECTION" 2600N | |
| COMPLETED: Sept. 10/85 | DIP TESTS: 284 ft. = 43½° | | | LOGGED BY: R.V. Beavon | |
| PURPOSE: | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 2 | 284 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-4.0 Well foliated greenstone schist caving at 4.0 | | | | | | | | | | |
| | | 4.0-5.5 Solid greenstone schist with flattened amygdules | | | | | | | | | | |
| | | 5.5-6.5 Cave with quartz fragments. | | | | | | | | | | |
| | | 6.5-18.5 Schistose greenstone flow with schistosity at 35°-40° to core axis. Blocky core at 14.5. | | | | | | | | | | |
| | | Occasional minor quartz and carbonate stringers throughout. Trace pyrite at 16'. | | | | | | | | | | |
| | | 18.5-18.7 Quartz veinlet with trace chlorite and | 08573F | 18 | 19 | 1.0 | | <0.002 | | | | |
| | | trace carbonate. Sharp contacts parallel schistosity. | 08574F | 19 | 20 | 1.0 | | <0.002 | | | | |
| | | 18.7-20.0 As 6.5-18.5 | | | | | | | | | | |
| | | 20.0-20.1 Quartz stringer with pyrite | | | | | | | | | | |
| | | 20.1-29.0 Well schisted greenstone flow with occasional minor quartz and calcite stringers. | | | | | | | | | | |
| | | 29.0-29.9 Cherty grey quartzite with possible limestone band at 29. Interpreted as flow contact chert containing 10% disseminated pyrite. Sharp contacts at 45° to core axis. | | | | | | | | | | |
| | | 29.9-36.3 Dark green mafic flow with rare stringers and amygdaloidal sections. | | | | | | | | | | |
| | | 36.3-36.7 Massive flow contact, cherty quartzite | | | | | | | | | | |

# DIAMOND DRILL RECORD

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 284 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 36.7-43.7 Highly carbonated greenstone schist-flow. Up to 30% calcite in amygdules and hairline stringers. Parallel to schistosity. | | | | | | | | | | |
| | | 43.7-43.9 White quartz veinlet at 65° to core axis. Trace pyrrhotite & pyrite. | 08575F | 43.4 | 44.4 | 1.0 | | 0.030 | | | | |
| | | 43.9-52.0 Greenstone more massive at 49.2 with epidote to 50.2 | | | | | | | | | | |
| | | 52.0-52.2 White quartz veinlet at 45° to core axis. Trace chlorite. | 08576F | 51.5 | 52.5 | 1.0 | | <0.002 | | | | |
| | | 52.2-54.7 Massive greenstone with epidote. | | | | | | | | | | |
| | | 54.7-59.0 As 36.7-43.7. | | | | | | | | | | |
| | | 59.0-59.1 Quartz veinlet with calcite. Sharp contacts at 40-60° to core axis. | 08577F | 58.5 | 59.8 | 1.3 | | <0.002 | | | | |
| | | 59.1-59.7 Greenstone flow | | | | | | | | | | |
| | | 59.7-59.8 Quartz-Tourmaline veinlet. | | | | | | | | | | |
| | | 59.8-61.3 Greenstone flow with carbonate alter-ation. | | | | | | | | | | |
| | | 61.3-62.5 Mixed quartz-carbonate veins and country rock. | 08578F | 61 | 62.5 | 1.5 | | <0.002 | | | | |
| | | 62.5-66.5 Less altered schistose greenstone flow with flow contact chert at 64.0. | | | | | | | | | | |
| | | 66.5-66.7 Quartz veinlet with trace pyrite and carbonate. One speck visible native gold. Sharp | 08579F | 65 | 66 | 1.0 | | <0.002 | | | | |
| | | contacts normal to core axis. Trace marcasite | 08580F | 66 | 67 | 1.0 | | 1.172 | | | | |
| | | 66.7-74.0 Schistose greenstone flow, fine grained medium green. Rare minor stringers of calcite. | 08581F | 67 | 68 | 1.0 | | 0.042 | | | | |
| | | 74.0-86.2 Carbonate altered greenstone flow unit - sharp contact at 74. Fine vesicles or calcite rhombs throughout. Well developed schistosity at 35°-40° to core axis. | | | | | | | | | | |
| | | 86.2-86.3 Quartz veinlet with negligible minerali-zation. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-26



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 2 | 284 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 86.3-109.0 Apparently unbroken sequence of dark green weakly carbonate-altered flows with sporadic minor quartz-carbonate and calcite stringers | 08582F | 87.7 | 88.7 | 1.0 | | 0.002 |
| | | 109.0-109.2 Chill zones between lavas (?), occupied by quartz-carbonate stringer. | | | | | | |
| | | 109.2-123.9 As 86.3-109.0. Occasional trace pyrite, minor quartz stringer at 111.9. | | | | | | |
| | | 123.9-124.1 As 109.0-109.2 | | | | | | |
| | | 124.1-134.0 Dark green schistose greenstone with carbonate stringers at 126-127. Cherty flow contact at 134. | | | | | | |
| | | 134.0-134.4 Greenstone as 124.1-134.0. | | | | | | |
| | | 134.4-136.1 Mixed massive white quartz and country-rock. Quartz contains pyrite as paint and some marcasite. Contacts sharp and at variable core angles. | 08584F | 134.4 | 136.2 | 1.8 | | <0.002 |
| | | 136.1-147.5 Schistose greenstone flow with abundant calcite stringers with indistinct contacts. | | | | | | |
| | | 147.5-149.0 Two massive calcite veins separated by 0.6 ft. of country-rock. | 71418 | 147.5 | 149 | 1.5 | | <0.002 |
| | | 149.0-151.0 As 136.1-147.5 with carbonate alteration. | | | | | | |
| | | 151.0-196.0 Hard massive dark green rhyolite flow (?) lacking in schistosity. Fine grained medium to dark green with occasional chloritic amygdules. Minor chlorite and calcite stringers, sometimes with epidote. This unit is probably a silicified flow. Scattered pyrite & pyrrhotie throughout, and occasional minor quartz and calcite stringers. 0.1 quartz veinlet at 192.5. | 71419 | 156.7 | 157.7 | 1.0 | | <0.002 |
| | | 196.0-200.2 Finely laminated tuffs and cherts at $60^{o}$-$45^{o}$ to core axis. Like 151-196 this unit appears to be silicified | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-26



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 2 | 284 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 200.2-201.9 Massive milky quartz with trace | 08585F | 200.0 | 202.0 | 2.0 | | 0.050 |
| | | chalcopyrite and pyrite. Contacts sharp and lower | 08586F | 202.0 | 205.5 | 3.5 | | 0.018 |
| | | contact has selvage of heavy tourmaline. Minor tourmaline within the quartz. | | | | | | |
| | | 201.9-209.2 Silicified mafic flow similar to 151-196, but with up to 15% sulphides (py, po), the pyrite filling fractures and the pyrrhotite disseminated and occupying amygdules. | | | | | | |
| | | 209.2-209.3 Minor quartz veinlet with pyrite | 08587F | 209 | 210 | 1.0 | | 0.004 |
| | | 209.3-219.3 As 201.9-209.2 Fine grained | 08645F | 210.5 | 211.5 | 1.0 | | 0.002 |
| | | amygdaloidal in places, minor calcite stringers, but lacking in epidote. | | | | | | |
| | | 219.3-220.2 Banded cherty quartzite at 30% to core axis. | | | | | | |
| | | 220.3-229.0 Banded fine grained laminated tuffites at 35° to core axis. Similar in colour and grain size to overlying flows(?) | | | | | | |
| | | 229.0-240.1 Fine grained massive greenstone flow and similar to 201.9-209.2. Flow breccia (?) at 229.0-232.0. Minor quartz, calcite and pyrrhotite stringers. | | | | | | |
| | | 240.1-240.8 Flow contact with cherty quartzite. | | | | | | |
| | | 240.8-252.7 Fine grained massive greenstone flow(?) with scattered cherty inclusions and minor stringers. | | | | | | |
| | | Becoming finely laminated (secondary) at 250 with increasing schistosity development. Abundant quartz carbonate segregations at 249-251 with sharp | | | | | | |
| | | to indistinct contacts. | 08588F | 248.5 | 250.5 | 2.0 | | 0.004 |
| | | 252.7-266.3 Mottled biotitic schistose mafic metavolcanics | | | | | | |
| | | 266.3-267.0 Probable flow contact banded cherty | 08589F | 257 | 258 | 1.0 | | 0.008 |
| | | quartzite with intercalated biotite rich layers. | | | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 284 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 267.0-268.0 Contorted flow contact area (?) with folded quartz. | | | | | | | | | | |
| | | 268.0-284.0 Mottled biotite flows with calcitic patches in part replaced by up to 40% pyrrhotite. Quartz-carbonate stringers or possible flow contact at 272. Quartz-carbonate veinlet at 280. Negligible mineralization. | 08590F | 279.5 | 280.5 | 1.0 | | 0.012 | | | | |
| | | END OF DDH 85-26 at 284 feet. | | | | | | | | | | |

| | | | |
|---|---|---|---|
| LOCATION: MADOC TWP. ONTARIO | DIAMOND DRILL RECORD | | HOLE NO: 85-27 |
| AZIMUTH: 235° | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN |
| DIP: $-70°$ | LENGTH: 300 ft. | ELEVATION: | CLAIM NO: E0652301 |
| STARTED: Sept. 10/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: "OFF SECTION" 2600N |
| COMPLETED: Sept. 12/85 | DIP TESTS: 300 ft. = 67½° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 2 | 300 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-13.5 Weathered carbonate-rich greenstone schist. Partial caving at 3.0-4.3 and 5-6 due to dissolution of abundant calcite. Otherwise core consists of well-schisted fine grained greenstone flow. | | | | | | | | | | |
| | | 13.5-14.2 Quartz vein with sharp contacts at 30° to core axis. Slightly translucent quartz with rutile, and trace pyrite. | 08583F | 13.4 | 14.4 | 1.0 | | <0.002 | | | | |
| | | 14.2-16.8 Well laminated carbonate-rich greenstone flow with minor calcite stringer parallel to schistosity (20° to core axis) | | | | | | | | | | |
| | | 16.8-17.0 Quartz-carbonate chlorite segregation | 08591F | 16.4 | 17.4 | 1.0 | | <0.002 | | | | |
| | | 17.0-21.2 As 14.2-16.8 | | | | | | | | | | |
| | | 21.2-21.3 Cherty quartzite flow contact | | | | | | | | | | |
| | | 21.3-45.9 Dark green greenstone schist with abundant small flattened amygdules. Quartz segregation at 24.4. Minor quartz-tourmaline stringer at 43.0 with trace pyrite. | | | | | | | | | | |
| | | 45.9-46.2 Quartz veinlet with sharp contacts at 25°-30° to core axis. Minor carbonate and chlorite. | | | | | | | | | | |
| | | 46.2-49.0 As 21.3-45.9 without stringers | 08592F | 45.8 | 46.8 | 1.0 | | <0.002 | | | | |
| | | 49.0-49.1 Cherty-quartzite flow contact. | | | | | | | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 49.1-62.4 Uniform dark green schisted greenstone flow with minor stringers of quartz and carbonate | | | | | | | | | | |
| | | 62.4-63.0 Heavy chlorite and calcite section, possibly on sill or dike at 20 degrees to core axis. | | | | | | | | | | |
| | | 63.0-63.8 Possible flow contact zone represented by greenstone chert mixture. | | | | | | | | | | |
| | | 63.8-64.0 Quartz veinlet with chlorite. | 08593F | 63.4 | 64.4 | 1.0 | | <0.002 | | | | |
| | | 64.0-66.7 Weakly banded greenstone flow with minor quartz and calcite stringers. | | | | | | | | | | |
| | | 66.7-67.4 Weakly banded cherty quartzite (flow contact). | | | | | | | | | | |
| | | 67.4-76.9 Greenstone schist flows with trace of biotite, and abundant minor quartz and calcite stringers. Amygdaloidal in part. | | | | | | | | | | |
| | | 76.9-78.5 Pyrrhotite and chlorite impregnated flow with 25-30% pyrrhotite. | 08594F | 76.8 | 79.0 | 2.2 | | 0.042 | | | | |
| | | 78.5-79.0 Quartz-pyrite-pyrrhotite-tourmaline-chalcopyrite vein. | | | | | | | | | | |
| | | 79.0-123.3 Apparently unbroken sequence of schistose greenstone flow, with schistosity at $30^{o}$ to core axis. Possible chill zone at 92 marking flow contact? Banding due to secondary carbonate segregation along schistosity. Amygdaloidal sections throughout. Only minor scattered quartz-carbonate stringers. Negligible mineralization. | | | | | | | | | | |
| 123.3 | 154.03 | RHYOLITE: Massive flow or sill lacking in foliation. Contact moderately sharp at 123.3 at $45^{o}$ to core axis. Fine grained glassy greenstone? with abundant reticulate minor stringers of chlorite and epidote, and occasional minor quartz and calcite stringers. Pyrrhotite stringers with | | | | | | | | | | |

# DIAMOND DRILL RECORD

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 123.3-154.3 cont'd quartz at 138 & 138.5. Pyrrhotite blebs with trace chalcopyrite at 152.8 & 153.5. This rock type may be silicified or hornfelsed. | 08595F | 138 | 139 | 1.0 | | <0.002 | | | | |
| | | 154.3-155.4 Silicified greenstone flow with amygdules (dike unlikely) | | | | | | | | | | |
| | | 155.4-168.0 As 123.3-154.3 with dolomite in one stringer. | | | | | | | | | | |
| | | 168.0-174.5 Well schisted and carbonate-rich greenstone flow. | | | | | | | | | | |
| | | 174.5-174.7 Quartz calcite veinlet (mainly calcite) | 08596F | 174 | 175 | 1.0 | | <0.002 | | | | |
| | | 174.7-179.0 As 168-174.5 | | | | | | | | | | |
| | | 179.0-180.3 Cherty quartzite, well banded at 50° to core axis. Quartz-carbonate veinlet at 181.1. | | | | | | | | | | |
| | | 180.3-202.0 Weakly schisted greenstone flow with undeformed calcite amygdules in places. Quartz carbonate veinlets at 186, 189, 190, 191.4 and 192.2. Agate filling (silica) at 192.4. Additional quartz carbonate veinlets and stringers with weak foliation. | | | | | | | | | | |
| | | 202.0-204.0 Blocky core with two narrow sulphide veinlets composed of pyrite at 202.2 and 202.9. | 08597F | 202 | 203 | 1.0 | | <0.002 | | | | |
| | | 204.0-206.1 Moderately foliated greenstone flow | | | | | | | | | | |
| | | 206.1-207.8 Cherty quartzite, well banded with chloritic streak near 207.8. Probable flow contact | | | | | | | | | | |
| | | 207.8-209.0 Carbonate impregnated greenstone flow. | | | | | | | | | | |
| | | 209.0-209.1 Quartz veinlet with traces pyrrhotite, and one speck native gold and one speck of tetradymite. | 08598F | 208.5 | 209.5 | 1.0 | | 0.156 | | | | |
| | | 209.1-211.5 Massive greenstone flow with minor quartz-carbonate stringers. | | | | | | | | | | |
| | | 211.5-211.6 Minor quartz veinlet with sharp contacts at 45° to core axis. | 08599 | 211 | 212 | 1.0 | | 0.022 | | | | |

DIAMOND DRILL RECORD

HOLE Nº: 85-27

PAGE Nº: 4 of 5

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 211.6-213.9 As 209.1-211.5 | | | | | | | | | | |
| | | 213.9-214.3 Quartz vein with pyrrhotite (?) and associated chalcopyrite stringer in wall rock. | 08600F | 213.9 | 214.9 | 1.0 | | 0.248 | | | | |
| | | Includes marcasite, pyrite and tourmaline mineralization. | | | | | | | | | | |
| | | 214.3-218.4 Massive to weakly schisted greenstone flow, trace pyrrhotite at 215.5. Possible internal contact at 217.2. | | | | | | | | | | |
| | | 218.4-218.5 Cherty flow contact (?) | | | | | | | | | | |
| | | 218.5-232.0 Weakly schisted greenstone flows, in part silicified? Banded from 225.4-232.0. Possible tuffs for that interval. Banding at 45° to core axis. | | | | | | | | | | |
| | | 232.0-232.9 Amygdaloidal green dike. | | | | | | | | | | |
| | | 232.9-246.0 Weakly banded siliceous greenstone with epidote & calcite stringers. | | | | | | | | | | |
| | | 246.0-246.5 Quartz carbonate segregation on probable flow contact. | 08601F | 245.7 | 246.7 | 1.0 | | 0.006 | | | | |
| | | 246.5-250.0 Weakly schisted greenstone | | | | | | | | | | |
| | | 250.0-250.5 Quartz vein with tourmaline selvage on included country-rock fragment. | 08602F | 249.5 | 250.5 | 1.0 | | <0.002 | | | | |
| | | 250.5-255.2 Well schisted greenstone and foliated flow breccia. Chlorite schist throughout. | | | | | | | | | | |
| | | 255.2-255.3 Quartz-pyrrhotite veinlet with 30% pyrrhotite and seven grains of visible native gold. Includes several grains of tetradymite. Sharp contacts at 45° to core axis. | 08603F | 255.8 | 256.8 | 1.0 | | 0.731 | | | | |
| | | 255.3-259.2 Well banded (schisted?) greenstone with minor carbonate content. Chlorite schist throughout. | | | | | | | | | | |
| | | 259.2-259.4 Quartz-pyrrhotite veinlet with traces visible native gold. Splite core shows sheafs of soft light borwn to translucent acicular mineral (zeolite?) | 08604F | 259.0 | 260.0 | 1.0 | | 0.304 | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-27



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 259.4-267.5 Weakly amphibolitized greenstone schist. | | | | | | | | | | |
| | | 267.5-267.7 Quartz-pyrrhotite-chlorite veinlet. Sharp contacts at 50 degrees to core axis | 08605F | 267.1 | 268.1 | 1.0 | | 0.014 | | | | |
| | | 267.7-300.0 Weakly carbonated greenstone. No mottled developments as seen in hole 26. Carbonate veinlets at 284.2 and 284.6. | | | | | | | | | | |
| | | END OF DDH #85-27 at 300 Feet. | | | | | | | | | | |

**LOCATION:** MADOC TWP. ONTARIO

**AZIMUTH:** 235

MONO GOLD MINES INC.

# DIAMOND DRILL RECORD

MONO GOLD MINES INC.

**HOLE No:** 85-28

**PROPERTY:** BANNOCKBURN

**DIP:** $-45^{\circ}$ **LENGTH:** 324 ft. **ELEVATION:** **CLAIM No:** E0652301

**STARTED:** Sept. 13/85 **CORE SIZE:** BQ **DATE LOGGED:** **SECTION:** "OFF SECTION" 2700N

**COMPLETED:** Sept. 14/85 **DIP TESTS:** 324 ft. = $-45^{\circ}$ **LOGGED BY:** R.V. Beavon

**PURPOSE:**

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 2 | 324 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-2.9 Poorly schisted greenstone | | | | | | | | | | |
| | | 2.9-3.5 Well ribboned partly oxidized quartz vein at $40^{\circ}$ to core axis. Trace pink carbonate | 08606F | 2.7 | 3.7 | 1.0 | | 0.002 | | | | |
| | | 3.5-14.3 Moderately schisted amygdaloidal greenstone flow with foliation at $45^{\circ}$ to core axis. | | | | | | | | | | |
| | | 14.3-14.4 Partly oxidized quartz veinlet at $45^{\circ}$ to core axis. Carbonate leached out. | 08607F | 14.0 | 15.0 | 1.0 | | 0.016 | | | | |
| | | 14.4-34.0 Fairly soft greenstone schist with increasing carbonate content. Minor folded quartz stringer at 27-27.5. Essentially a chlorite-carbonate schist from 27 on. | | | | | | | | | | |
| | | 34.0-36.5 Green dike or sill, fine grained with flattened chloritic amygdules. Again well schisted. | | | | | | | | | | |
| | | 36.5-42.3 As 14.4-34. | | | | | | | | | | |
| | | 42.3-42.5 Quartz-carbonate veinlet concordant with schistosity. | | | | | | | | | | |
| | | 42.5-47.5 As 14.4-34.0 | | | | | | | | | | |
| | | 47.5-48.3 White quartz vein with pyrite paint and pyritohedra on joints. Includes .3 ft. of country-rock. | 08608F | 47.5 | 48.5 | 1.0 | | 0.010 | | | | |
| | | 48.3-52.4 As 14.4-34.0 | | | | | | | | | | |
| | | 52.4-62.2 Massive well stringered fine grained greenstone or chloritized felsite with minor quartz carbonate, epidotized and chlorite stringers. A | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-28



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 324 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 52.4-62.2 - cont'd reticulate network of minor stringers suggests and intrusive origin. | | | | | | | | | | |
| | | 62.2-64.0 As 14.4-34.0 | | | | | | | | | | |
| | | 64.0-65.0 Two narrow quartz stringers separated by country-rock. Sharp contacts at 30° to core axis | 08609F | 64.1 | 65.1 | 1.0 | | <0.002 | | | | |
| | | 65.0-68.7 Well schisted greenstone flow with carbonate streaks parallel to schistosity at 20° to core axis. | | | | | | | | | | |
| | | 68.7-69.0 Quartz-tourmaline veinlet at 60-70° to core axis. Negligible mineralization. | 08610F | 68.5 | 69.5 | 1.0 | | 0.010 | | | | |
| | | 69.0-71.0 As 65.1-68.7 with abundant granular calcite stringers. | | | | | | | | | | |
| | | 71.0-71.7 Quartz-tourmaline (?) vein parallel to schistosity at 20° to core axis | 08611F | 70.7 | 71.7 | 1.0 | | 0.002 | | | | |
| | | 71.7-77.8 Amygdaloidal schisted greenstone flow. Minor smoky quartz strongest at 77.0 parallel to schistosity. | | | | | | | | | | |
| | | 77.8-79.0 White quartz-tourmaline vein with trace carbonate and pyrite. | 08612F | 77.5 | 79 | 1.5 | | 0.002 | | | | |
| | | 79.0-86.8 Heavily carbonated and schisted greenstone. Schistosity at 35° to core axis. | | | | | | | | | | |
| | | 86.8-87.2 Quartz-carbonate veinlet parallel to schistosity. Negligible mineralization. | 08613F | 86.5 | 87.5 | 1.0 | | 0.002 | | | | |
| | | 87.2-93.9 As 79.0-86.8 | | | | | | | | | | |
| | | 93.9-96.0 Quartz veins with 0.5 ft. of country-rock. Negligible mineralization | 08614F | 93.9 | 95 | 1.1 | | 0.004 | | | | |
| | | 96.0-98.0 As 79.0-86.8. Minor quartz stringer at 97.5 parallel to schistosity. | 08615F | 95 | 96 | 1.0 | | 0.002 | | | | |
| | | 98.0-115.4 Intrusive greenstone? Fine grained & massive with reticulate stringers of quartz, carbonate, epidote and chlorite. Contacts indistinct, but with possible chill at 114.9-115.4. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-28



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 324 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 115.4-142.4 Moderately carbonated greenstone | | | | | | | | | | |
| | | schist (-flow) with good schistosity at 45° to | | | | | | | | | | |
| | | core axis. | | | | | | | | | | |
| | | 142.4-142.6 Cherty quartzite on flow contact. | | | | | | | | | | |
| | | 142.6-144.4 As 115.4-112.4. | | | | | | | | | | |
| | | 144.4-147.2 Weakly banded amphibolite with | | | | | | | | | | |
| | | decussate texture. Becoming silicified at 147-147.2 | | | | | | | | | | |
| | | 147.2-148.7 Two quartz-carbonate veins at 20° and | | | | | | | | | | |
| | | 80° to core axis. Traces pyrite and tourmaline | 08616F | 147 | 149 | 2.0 | | 0.058 | | | | |
| | | (or rutile). Includes 0.5 ft. of silicified | | | | | | | | | | |
| | | country-rock. | | | | | | | | | | |
| | | 148.7-161.1 Amphibolite with moderate foliation | | | | | | | | | | |
| | | and decussate texture. Occasional cherty quartzite | | | | | | | | | | |
| | | inclusion at 150, and minor quartz veinlet at 153. | | | | | | | | | | |
| | | Silicified at 148.7. Possible chill zone at 160.5 | | | | | | | | | | |
| | | -161.1 with trace flow contact chert. Minor | | | | | | | | | | |
| | | quartz stringers at high angle to core axis. | | | | | | | | | | |
| | | 161.1-164.0 Well schisted greenstone flow, | | | | | | | | | | |
| | | weakly banded at 50° to core axis. Carbonate | | | | | | | | | | |
| | | hairlines. | | | | | | | | | | |
| | | 164.0-169.5 More massive greenstone flow? with | | | | | | | | | | |
| | | traces of reticulate stringers. | | | | | | | | | | |
| | | 169.5-190.5 As 161.1-164. Occasional minor | | | | | | | | | | |
| | | quartz-carbonate stringers. Epidote replaces | | | | | | | | | | |
| | | calcite in some stringers. In part well banded | | | | | | | | | | |
| | | due to schistosity and carbonate concentration. | | | | | | | | | | |
| | | 190.5-191.1 Quartz-carbonate vein, with | 08617F | 190.3 | 191.3 | 1.0 | | <0.002 | | | | |
| | | negligible mineralization. | | | | | | | | | | |
| | | 191.1-203.5 As 161.1-164. Occasional minor | | | | | | | | | | |
| | | granular quartz stringers. | | | | | | | | | | |
| | | 203.5-204.7 Three discreet quartz veinlets with | | | | | | | | | | |
| | | sharp contacts at 40° to core axis and parallel | | | | | | | | | | |
| | | to schistosity | 08618F | 203.5 | 204.7 | 1.2 | | <0.002 | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-28



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 324 | TUDOR VOLCANIC GROUP-Cont'd | | | | | | | | | | |
| | | 204.7-212.7 As 161.1-164. | | | | | | | | | | |
| | | 212.7-213.1 Quartz veinlet with negligible mineralization | 08619F | 212.5 | 213.5 | 1.0 | | 0.002 | | | | |
| | | 213.1-214.0 As 161.1-164.0 | | | | | | | | | | |
| | | 214.0-219.5 Coarse-textured carbonate altered greenstone schist somewhat mottled in appearance. Possible carbonated sill | 08620F | 219 | 220 | 1.0 | | 0.002 | | | | |
| | | 219.5-219.6 Minor quartz veinlet parallel to schistosity. | | | | | | | | | | |
| | | 219.6-222.5 As 214.0-219.5 | | | | | | | | | | |
| | | 222.5-223.0 Quartz vein with chloritic inclusions on joint planes. | 08621F | 222.3 | 223.3 | 1.0 | | 0.002 | | | | |
| | | 223.0-236.5 Fine grained massive amphibolite with amygdules containing metamorphic amphiboles. Traces pyrrhotite (and chalcopyrite?) throughout. Heavy pyrite at 236.5 | | | | | | | | | | |
| 236.5 | 324.0 | RHYOLITE: | | | | | | | | | | |
| | | 236.5-265.4 Coarse textured lapilli tuff (?) with fine grained glassy fragments (sometimes banded) | 08622F | 251.8 | 253.3 | 1.5 | | 0.338 | | | | |
| | | in a mottled matrix of coarse pyroclastic or hyaloclastic material (?) Occasional minor quartz stringers throughout. | 08623F | 265.3 | 266.3 | 1.0 | | 0.008 | | | | |
| | | 265.4-266.2 Massive quartz with trace pyrrhotite | | | | | | | | | | |
| | | 266.2-269.4 As 236.5-265.4 - laced with occasional pyrrhotite stringers. | | | | | | | | | | |
| | | 269.4-270.1 White featureless quartz vein at 35° to core axis. | 08624F | 269.1 | 270.1 | 1.0 | | 0.002 | | | | |
| | | 270.1-286.0 As 236.5-265.4 with heavy pyrite at 284-287 in disseminations, some occupying amygdules. | | | | | | | | | | |
| | | 286.0-290.7 Massive fine grained glassy greenstone flow in part amygdaloidal. 15-20% pyrrhotite from 287 to 290. | | | | | | | | | | |
| | | 290.7-291.1 Massive white quartz calcite vein at 20° to core axis. Negligible mineralization. | 08625F | 290.4 | 291.4 | 1.0 | | 0.004 | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-28



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 236.5 | 324.0 | TUDOR VOLCANIC GROUP - Cont'd - RHYOLITE: | | | | | | | | | | |
| | | 291.1-303.0 As 286-290.7 becoming weakly schisted at 300-303, 15% pyrrhotite, minor calcite in reticulate stringers. | | | | | | | | | | |
| | | 303.0-303.1 Quartz calcite veinlet | 08626F | 302.5 | 303.5 | 1.0 | | 0.006 | | | | |
| | | 303.1-304 As 286-290 | | | | | | | | | | |
| | | 304.0-305.2 Quartz carbonate stringer zone parallel to core axis. | 08627F | 304 | 305.2 | 1.2 | | 0.008 | | | | |
| | | 305.2-324 Massive fine grained glassy greenstone with 10-15% pyrrhotite in scattered chlorite & calcite stringers and blebs. Minor quartz stringers at 321. | | | | | | | | | | |
| | | END OF DDH #85-28 at 324 Feet. | | | | | | | | | | |

| LOCATION: MADOC TWP. ONTARIO | | DIAMOND DRILL RECORD | HOLE Nº: 85-29 |
|---|---|---|---|
| AZIMUTH: 235° | | MONO GOLD MINES INC. | PROPERTY: BANNOCKBURN |
| DIP: -70° | LENGTH: 364 ft. | ELEVATION: | CLAIM Nº: E0652301 |
| STARTED: Sept. 14/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: "OFF SECTION 2700N |
| COMPLETED: Sept. 15/85 | DIP TESTS: 364ft -69° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 2 | 364 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-3.2 Massive fine grained to amygdaloidal greenstone | | | | | | | | | | |
| | | 3.2-4.0 Ribbon quartz vein at 20° to core axis | 068628F | 3.0 | 4.0 | 1.0 | | 0.002 | | | | |
| | | 4.0-19.0 As 2.0-3.2 with 5-10% anastamosing stringers of calcite, chlorite and some epidote replacing calcite. Resembles metadiabase in parts | | | | | | | | | | |
| | | 19.0-19.1 Drusy quartz | 08629F | 18.5 | 19.5 | 1.0 | | 0.002 | | | | |
| | | 19.1-29.9 As 4.0-19.0 with trace of pyrrhotite. | | | | | | | | | | |
| | | 29.9-35.5 Well banded and schisted greenstone flow with secondary calcite along schistosity at 15° to core axis. | | | | | | | | | | |
| | | 35.5-38.0 As 4.0-19.0 but coarser grained meta-diabase type | | | | | | | | | | |
| | | 38.0-39.5 As 29.9-35.5. | | | | | | | | | | |
| | | 39.5-46.2 As 4.0-19.0 but coarser grained meta-diabase type. | | | | | | | | | | |
| | | 46.2-46.6 Massive white quartz-tourmaline vein with sharp contacts at 60° to core axis. Trace of carbonate on contacts. | 08630F | 46 | 47 | 1.0 | | 0.002 | | | | |
| | | 46.6-48.0 Intrusive greenstone (?) as 4.0-19.0, but coarser grained. | | | | | | | | | | |
| | | 48.0-49.0 Probable greenstone intrusive with carbonate alteration. Probable chill at 48. Well schisted throughout. | | | | | | | | | | |

DIAMOND DRILL RECORD

HOLE Nº: 85-29



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 2 | 364 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 49.0-49.1 Quartz carbonate vein(?) at 45° to core | 08631F | 48.5 | 49.5 | 1.0 | | 0.002 |
| | | 49.1-57.3 Well schisted greenstone flow rock, with secondary banding due to foliation. Occasional minor carbonate stringers. | | | | | | |
| | | 57.3-64.1 Massive medium to fine grained greenstone intrusive with reticulate minor stringers. | | | | | | |
| | | 64.1-68.3 Weakly carbonated carbonate flow with moderate schistosity at 45° to core axis. | | | | | | |
| | | 68.3-68.9 White quartz with trace carbonate sharp contacts at 25° to core axis | 08632F | 68 | 69 | 1.0 | | 0.002 |
| | | 68.9-88.5 Homogeneous schisted greenstone flow unit with schistosity at 35° to core axis. Carbonate spotting and streaking throughout. Chill zone with quartz calcite stringers at 88.5 probably marks flow contact. Minor quartz-tourmaline veinlet at 78.80 - parallel to core axis. Essentially chlorite schist. | | | | | | |
| | | 88.5-101.6 As 68.9-88.5. | | | | | | |
| | | 101.6-104 Quartzitic banded flow contact mixed with heavy chlorite due possibly to irregular dike injection of chill zones. Well banded at 30° to core axis. | | | | | | |
| | | 104.0-117.0 Moderately schisted greenstone flow amygdaloidal in part, with calcitic amygdules flattened at 30° to core axis. Quartz-carbonate-chlorite segregation at 109.7. Carbonate content increases from 114 to 117. | | | | | | |
| | | 117.0-122.7 Glassy intrusive(?) with abundant minor calcite stringers. A massive harder rock than the typical flows. Contacts indistinct. | | | | | | |
| | | 122.7-123.4 As 104.0-117.0 but less carbonate | | | | | | |
| | | 123.4-124.1 Cherty quartzite flow contact with tuffaceous(?) chloritic bands at 60° to core axis | | | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 364 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 124.1-129.1 Massive to weakly schisted amphibolitized flow. Contains drusy joint fracture at 126 with idiomorphic pyrite and sphalerite. | | | | | | | | | | |
| | | 129.1-129.5 Quartz-carbonate-chlorite veinlet, negligible mineralization. Contacts at $40^{\circ}$ to core axis. | 08633F | 128.8 | 129.8 | 1.0 | | 0.002 | | | | |
| | | 129.5-140.0 As 124.1-129.1. | | | | | | | | | | |
| | | 140.0-140.5 Quartz-carbonate-chlorite vein at 35-$40^{\circ}$ to core axis. | 08634F | 139.8 | 140.8 | 1.0 | | 0.002 | | | | |
| | | 140.5-142.7 Fine grained weakly schisted greenstone flow. | | | | | | | | | | |
| | | 142.7-143.7 Banded cherty quartzite with possible thin sill of chlorite after glass at 142.7. Banded at $35^{\circ}$ to core axis. | | | | | | | | | | |
| | | 143.7-145.5 As 140.5-142.7 with occasional calcite stringers. | | | | | | | | | | |
| | | 145.5-146.7 Banded cherty quartzite at $35^{\circ}$ to core axis. (Flow contact) | | | | | | | | | | |
| | | 146.7-167.4 Fine grained moderately schisted glassy and weakly banded greenstone flow. Cavey at 151. | | | | | | | | | | |
| | | 167.4-167.6 Quartz veinlet at $40^{\circ}$ to core axis Contains traces pyrite, chalcopyrite and chloritic inclusions. | 08635F | 157.2 | 158.2 | 1.0 | | 0.002 | | | | |
| | | 167.6-186.3 Fine grained well schisted weakly banded greenstone flow; banding at $60^{\circ}$ to core axis. Possibly due to flattening of flow breccias. Intensity quartz veinlet at 167.9 at $40^{\circ}$ to core axis. Pyrite mineralization. Epidote replaces calcite stringers at 174.4, 175 etc. | 08636F | 167.5 | 168.5 | 1.0 | | 0.002 | | | | |
| | | 186.3-187.2 Quartz vein with pyrite & chlorite. Sharp contacts at $45^{\circ}$ to core axis | 08637F | 186 | 187 | 1.0 | | 0.008 | | | | |
| | | 187.2-194.0 Fine grained light green flow with good cleavage-banding. Possible flow contact chert at 190. Occasional quartz-carbonate segregations. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-29



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 364 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 194.0-194.4 Cherty quartzite banded at 45° to core axis. | | | | | | | | | | |
| | | 194.4-194.6 Chlorite | | | | | | | | | | |
| | | 194.6-195.5 Quartz vein interlaced with country-rock. Trace of tourmaline. | 08638F | 194.5 | 195.5 | 1.0 | | 0.002 | | | | |
| | | 195.5-203.2 Moderately cleavage-banded greenstone flow with fairly abundant carbonate stringers. Amygdaloidal in part. | | | | | | | | | | |
| | | 203.2-203.8 Milky quartz vein at 30° to core axis | 08639F | 203 | 204 | 1.0 | | 0.002 | | | | |
| | | 203.8-218.4 Fine grained schisted greenstone flow with occasional cherty-like inclusions. Becoming coarsely amygdaloidal (mottled) at 207.0-210.0. Possible flow contact chert stringer at 215.5. | | | | | | | | | | |
| | | 218.4-218.7 Quartz-(carbonate) vein at 30° to core axis. | 08640F | 218 | 219 | 1.0 | | 0.002 | | | | |
| | | 218.7-245.0 Fine grained greenstone schist probably a flow with scattered calcite stringers. | | | | | | | | | | |
| | | 245.0-260.2 Mainly fine grained hard siliceous greenstone intrusive or cherty tuffs. Contains amygdules in some sections. Abundant epidote as replacements and stringers. Also chlorite and calcite stringers throughout. Water seam at 234 (possible fault). Alternating hard and soft sections (possibly flow). Inclusions, xenoliths or intercalations of flow-contact chert at 250-251. Quartz veinlet at 249.2-249.3. | 08641F | 249 | 250 | 1.0 | | 0.002 | | | | |
| | | 260.2-265.0 Screen of greenstone flow with cleavage at 45° to core axis. | | | | | | | | | | |
| | | 265.0-275.2 Hard siliceous glassy intrusive(?) as 245.0-260.2. Trace pyrrhotite & pyrite at 269 ft. Cherty inclusions in places, and rare stringers. Quartz-tourmaline veinlet at 268. | 08642F | 267.5 | 268.5 | 1.0 | | 0.002 | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No. | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 2 | 364 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 275.2-277.5 Silicified greenstone flow with relict banding. | | | | | | |
| | | 277.5-277.7 Quartz-tourmaline-carbonate veinlet | 08643F | 277.3 | 278.3 | 1.0 | | 0.002 |
| | | 277.7-282.7 As 275.2-277.5. Quartz-tourmaline stringer at 280. | | | | | | |
| | | 282.7-286.2 Glassy hard greenstone(?) intrusive or felsite with abundant quartz-carbonate stringers. Quartz-tourmaline stringers at 284.5. | | | | | | |
| | | 286.2-289.8 As 275.2-277.5 Quartz-carbonate segregation at 288. | | | | | | |
| | | 289.8-304.1 Fine grained black, massive,glassy intrusive or tuffs with abundant altered xenolith of epidotized chert. 5% pyrrhotite at 303-304 in glassy chloritic felt. Some evidence of flow banding around some fragments. Minor quartz carbonate stringers throughout. Quartz-carbonate veinlet at 300.8. Minor fault slips at 294 etc. | 08644F | 300.3 | 301.3 | 1.0 | | 0.002 |
| | | 304.1-307.0 Weakly amphibolitized chlorite schist (probable flow) grading into well banded tuffites at 306.5-307.0. | | | | | | |
| | | 307.0-312.8 Mixed fine grained glassy type with short sections of heavily epidotized material. Sharp contacts suggest intrusive relationship. Abundant minor quartz-calcite stringers. Becoming banded at 312.8 at 45° to core axis. | | | | | | |
| | | 312.8-314.2 Two quartz veinlets at 35° to core axis, and separated by country-rock. | 08646F | 312.8 | 314.2 | 1.4 | | 0.002 |
| | | 314.2-314.4 Dark glassy type. | | | | | | |
| | | 314.4-317.1 Coarse tuffite with 10% pyrite, sharp contact at 314.4 at 40° to core axis. | | | | | | |
| | | 317.1-320.2 Finer grained black glassy rock, scattered fine pyrite throughout. | | | | | | |
| | | 320.2-323.0 Massive black cherty felsic intrusive(?) Moderately banded throughout. Sharp contact at [illegible] | | | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 364 | 323.0-328.6 Dark silicious argillaceous meta-sediment(?) Scattered quartz carbonate stringers | | | | | | | | | | |
| | | 328.6-331.6 Coarser section - with trace pyrite | | | | | | | | | | |
| | | 331.6-339.7 Fine grained massive to weakly banded tuffaceous cherts(?) or banded intrusive, in part hydrothermally altered (chloritic selvages on quartz-calcite stringers. Epidotization of chert) | | | | | | | | | | |
| | | 339.7-342.0 Slightly coarser tuffs - silicified with 10% disseminated pyrite. Gradational contact at 342. | | | | | | | | | | |
| | | 342.0-364.0 Fine grained dark grey to black massive cherty tuffs(?). | | | | | | | | | | |
| | | END OF DDH #85-29 at 364 feet. | | | | | | | | | | |

| LOCATION: MADOC TWP. ONTARIO | DIAMOND DRILL RECORD | | HOLE Nº: 85-30 |
|---|---|---|---|
| AZIMUTH: 235° | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN |
| DIP: -47° | LENGTH: 304 ft. | ELEVATION: | CLAIM Nº: E0652301 |
| STARTED: Sept. 16/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: "OFF SECTION" 2800N |
| COMPLETED: Sept. 18/85 | DIP TESTS: 304 ft. -47° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 4 | 304 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-3.3 Moderately well schisted greenstone flow with leached out carbonate altered sections. | | | | | | | | | | |
| | | 3.3-33.0 Massive medium to fine-grained greenstone, probably central part of flow. Minor quartz stringers throughout. Epidote alteration from 21 to 22, trace pyrite. | | | | | | | | | | |
| | | 33.0-35.1 Light green well carbonated and cleavage banded greenstone flow, well schisted throughout, trace of pyrite. | | | | | | | | | | |
| | | 35.1-35.9 Banded quartzitic flow contact at 30° to core axis. | | | | | | | | | | |
| | | 35.9-43.5 As 33.0-35.1. | | | | | | | | | | |
| | | 43.5-44.4 Lightly banded and carbonated fine grained greenstone dike or sill. Good chill at 43.5. | | | | | | | | | | |
| | | 44.4-45.1 Massive white quartz with trace pyrite | 08647F | 44.4 | 45.4 | 1.0 | | 0.002 | | | | |
| | | 45.1-45.4 Greenstone dike or sill well chilled at 45.4. | | | | | | | | | | |
| | | 45.4-50.3 As 33.0-35.1 with rare quartz stringers | | | | | | | | | | |
| | | 50.3-50.4 Cherty quartzite and chloritic flow contact. | | | | | | | | | | |
| | | 50.4-58.5 As 33.0-35.1 | | | | | | | | | | |
| | | 58.5-58.6 As 50.3-50.4. | | | | | | | | | | |
| | | 58.6-65.0 As 33.0-35.1 | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-30



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 304 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 65.0-65.8 Quartz vein with sharp contacts at | 08648F | 65 | 66 | 1.0 | | 0.002 | | | | |
| | | 45° to core axis | 08649F | 66 | 67.3 | 1.3 | | 0.002 | | | | |
| | | 65.8-66.1 As 33.0-35.1 | | | | | | | | | | |
| | | 66.1-66.3 Quartz carbonate vein or segregation, | | | | | | | | | | |
| | | trace of pyrite and chalcopyrite | | | | | | | | | | |
| | | 66.3-80.3 As 33.0-35.1, carbonate alteration | | | | | | | | | | |
| | | heavier at 75'. | | | | | | | | | | |
| | | 80.3-81.7 Mixed quartz-carbonate veinlets and | 08650F | 80.3 | 81.7 | 1.4 | | 0.002 | | | | |
| | | country-rock. | | | | | | | | | | |
| | | 81.7-90.5 As 33.0-35.1, becoming epidotized at | | | | | | | | | | |
| | | 90.5. | | | | | | | | | | |
| 90.5 | 107.9 | RHYOLITE | | | | | | | | | | |
| | | 90.5-97.5 Massive dark-grey to black altered | | | | | | | | | | |
| | | coarse textured flow or hydrothermally altered | | | | | | | | | | |
| | | volcanic material. Grades into fine glassy | | | | | | | | | | |
| | | banded material at 97.5. | | | | | | | | | | |
| | | 97.5-99.0 Fine grained glassy unit with amygdules | | | | | | | | | | |
| | | at 100' - trace magnetite. Possibly altered | | | | | | | | | | |
| | | hyaloclastic (mottled). | 08651F | 90.0 | 100.0 | 1.0 | | 0.002 | | | | |
| | | 99.0-109.0 As 90.5-97.5 with abundant quartz- | | | | | | | | | | |
| | | calcite stringers with chlorite selvages. | | | | | | | | | | |
| | | Amygdules at 100'. | | | | | | | | | | |
| | | 109.0-107.4 Foliated equivalent of preceding unit. | | | | | | | | | | |
| | | 107.4-107.9 Quartz-tourmaline vein with apparent | 08652F | 107.2 | 108.2 | 1.0 | | 0.002 | | | | |
| | | chill at 107.4. | | | | | | | | | | |
| 107.9 | 193.8 | GREENSTONE FLOWS | | | | | | | | | | |
| | | 107.9-118.4 Foliated altered mafic(?) flow and/or | | | | | | | | | | |
| | | hyaloclastite - foliated at 45° to core axis. | | | | | | | | | | |
| | | 118.4-119.4 Massive white quartz vein at 45° | 08653F | 118.4 | 119.4 | 1.0 | | 0.002 | | | | |
| | | to core axis, trace tourmaline. | | | | | | | | | | |
| | | 119.4-122.5 Fine-grained slightly mottled massive | | | | | | | | | | |
| | | alteration flow, in part coarse texture. | | | | | | | | | | |
| | | 122.5-122.6 Cherty quartzite (flow contact) | | | | | | | | | | |
| | | 122.6-123.1 Blocky core - greenstone flow. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-30



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 107.9 | 193.8 | GREENSTONE FLOWS | | | | | | |
| | | 123.1-123.2 Quartz veinlet | 08654F | 122.5 | 123.5 | 1.0 | | 0.002 |
| | | 123.2-135.8 Mixed coarse and fine-textured greenstone flows with weak schistosity at 123'. | | | | | | |
| | | 135.8-135.9 Quartz carbonate stringer parallel to schistosity. | 08655F | 135.3 | 136.3 | 1.0 | | 0.002 |
| | | 135.9-164.0 As 123.2-135.8 with quartz carbonate segregation at 153, 161 & 162. Weak to moderate schistosity at 45° to core axis. Essentially chlorite-biotite schist. Gradational contact at 164. Amygdules at 152. | 08656F | 153.0 | 153.5 | 1.5 | | 0.002 |
| | | 164.0-181.0 Fairly uniform greenstone schist with weak mottling in places. | | | | | | |
| | | 181.0-184.0 Variegated light and dark green greenstone - chlorite schist. | | | | | | |
| | | 184.0-185.0 Felsite dike(?), sub parallel to core axis. Sharp contact at 185.0. | | | | | | |
| | | 185.0-186.0 Altered and much stringered mafic flow(?). | | | | | | |
| | | 186.0-187.5 Felsite dike(?) - lower contact more distinct than the upper. | | | | | | |
| | | 187.5-189.9 Mafic greenstone flow with amygdules at 179.5. | | | | | | |
| | | 189.9-192.9 Felsite with pyrite paint on joints and trace disseminated pyrrhotite. Contact at 192.2 at 45° to core axis. | | | | | | |
| | | 192.9-193.8 Mafic flow as 187.5-189.9. | | | | | | |
| 193.8 | 236 | RHYOLITE AND GREEN DIKES: | | | | | | |
| | | 193.8-204 Alternating green dike and felsitic material: 193.8-197.0 Green dike(?); 197.0-197.1 Felsite; 197.1-198.1 Green dike; 198.1-198.4 mafic flow(?); 198.4-199.7 Green dike; 199.7-199.9 Felsite; 199.9-200.9 Green dike; 200.9-203.1 Felsite; 203.1-204 Green dike. | 08657F | 196 | 197 | 1.0 | | 0.002 |

# DIAMOND DRILL RECORD

HOLE NO: 85-30



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | Oz/tAu |
|---|---|---|---|---|---|---|---|
| 193.8 | 236.0 | RHYOLITE AND GREEN DIKES: - Cont'd | | | | | |
| | | 204.0-208.5 Fine grained massive felsite, light grey with pseudo breccia fabric marked by chloritic fractures. Quartz carbonate stringer at 205. | | | | | |
| | | 208.5-209.0 Mafic dike(?) with amygdules. | | | | | |
| | | 209.0-209.2 Felsite(?) | | | | | |
| | | 209.2-209.3 Green dike(?) | | | | | |
| | | 209.3-209.9 Felsite | | | | | |
| | | 209.9-210.2 Green dike | | | | | |
| | | 210.2-213.0 Massive light grey fine-grained felsite, chlorite carbonate veinlet at 212. | | | | | |
| | | 213.0-214.0 Amphibolitized and epidotized green dike. Contact at 214 with quartz stringer | 08658F | 213.5 | 214.5 | 1.0 | 0.002 |
| | | 214.0-215.0 Glassy type of pyroclastic or intrusive? | | | | | |
| | | 215.0-216.0 Felsite extremely fine grained grey glassy. | | | | | |
| | | 216.0-217.6 Felsite including small section of black glassy material. Quartz carbonate stringer at 217.6 | 08659F | 217 | 218 | 1.0 | 0.002 |
| | | 217.6-219.0 Altered mafic flows with medium and fine grained texture. | | | | | |
| | | 219.0-221.7 Fine grained black glassy in part fragmented unit. Moderate pyrrhotite at 218 and pyrite paint on joints. | | | | | |
| | | 221.7-227.8 Coarser-grained variety of 219.0-221.7 | | | | | |
| | | 227.8-232.0 As 219.0-221.7 | 08660F | 232 | 234 | 1.0 | 0.002 |
| | | 232.0-236.0 Mainly grey glassy felsite with fine grained breccia texture at 235, quartz carbonate stringers. | | | | | |
| 236 | 248 | METADIABASE | | | | | |
| | | 236.0-243.5 Altered with relict ophitic texture. Massive medium-grained intrusive with poorly developed chilled contacts. | 08661F | 243.0 | 244.0 | 1.0 | 0.004 |
| | | 243.5-243.6 Quartz veinlet, sharp contacts at $45^{o}$ to core axis | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-30



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 236.0 | 248.0 | METADIABASE - Cont'd | | | | | | | | | | |
| | | 243.6-248.0 Mainly as 236.0-243.5 | 08662F | 248.5 | 249.5 | 0.5 | | 0.192 | | | | |
| 248.0 | 251.9 | RHYOLITE: | | | | | | | | | | |
| | | 248.0-249.0 Dark glassy type of Rhyolite | | | | | | | | | | |
| | | 249.0-249.1 Quartz-pyrite-chalcopyrite veinlet | 08663F | 249.9 | 250.9 | 1.0 | | 0.010 | | | | |
| | | at 20$^{o}$ to core axis. Heavy pyrite | | | | | | | | | | |
| | | 249.1-249.3 Felsite(?) | | | | | | | | | | |
| | | 249.3-251.9 Amphibolitized flow or green dike | | | | | | | | | | |
| 251.9 | 255.0 | METADIABASE: altered and well stringered with minor | | | | | | | | | | |
| | | quartz carbonate. | | | | | | | | | | |
| 255.0 | 304.0 | RHYOLITE: | | | | | | | | | | |
| | | 255.0-262.7 Massive grey felsite with occasional | | | | | | | | | | |
| | | silicified sections. Minor quartz veinlets, some | | | | | | | | | | |
| | | with tourmaline. | | | | | | | | | | |
| | | 262.7-264.0 Metadiabase | | | | | | | | | | |
| | | 264.0-265.0 Dark glassy rhyolite or tuff. | | | | | | | | | | |
| | | 265.0-272.5 Altered mafic flows in part cleavage | 08664F | 270 | 271 | 1.0 | | 0.002 | | | | |
| | | banded, and minor quartz-carbonate stringers. | | | | | | | | | | |
| | | 272.5-304.0 Light and dark grey felsite or | | | | | | | | | | |
| | | rhyolite, fine grained throughout, banded in places. | | | | | | | | | | |
| | | Scattered minor quartz-carbonate stringers. | | | | | | | | | | |
| | | Moderate pyrite at 298-300 with blocky core and | | | | | | | | | | |
| | | drusy development on joints at low angle to core | | | | | | | | | | |
| | | axis. Disseminated 5% pyrrhotite throughout. | | | | | | | | | | |
| | | END OF DDH #85-30 at 304 feet. | | | | | | | | | | |

| | | | |
|---|---|---|---|
| LOCATION: MADOC TWP ONTARIO | DIAMOND DRILL RECORD | | HOLE Nº: 85-31 |
| AZIMUTH: 235° | MONO GOLD MINES INC. | | PROPERTY: BANNOCKBURN |
| DIP: -70° | LENGTH: 373 ft. | ELEVATION: | CLAIM Nº: E0652301 |
| STARTED: Sept. 18/85 | CORE SIZE BQ | DATE LOGGED: | SECTION: "OFF SECTION" 2700-2800N |
| COMPLETED: Sept. 22/85 | DIP TESTS: 373' -69° | | LOGGED BY: R.V. Beavon |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1.5 | Casing | | | | | | | | | | |
| 1.5 | 373 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 1.5-3.5 Massive partly leached out greenstone flow. Gradational contact at 3.5. | | | | | | | | | | |
| | | 3.5-9.0 Weakly banded and carbonated greenstone schist flow rock. Gradational contact at 9.0. Minor carbonate stringers throughout. | | | | | | | | | | |
| | | 9.0-24.7 As 1.5-3.5, medium-grained massive central part of greenstone flow. Quartz segregation at 19. | 08665F | 18.5 | 19.5 | 1.0 | | 0.002 | | | | |
| | | 24.7-31.6 Well schisted and cleavage-banded greenstone flow with carbonate stringers. | | | | | | | | | | |
| | | 31.6-34.2 Amphibolitized dike (?) with decussate texture. (Probable post-regional metamorphism and pre-thermal metamorphism). | | | | | | | | | | |
| | | 34.2-43.2 As 27.4-31.6 | | | | | | | | | | |
| | | 43.2-43.8 Cherty banded quartzite at 40° to core axis. (marking flow contact). | | | | | | | | | | |
| | | 43.8-56.0 As 27.4-31.6. Foliation at 25° to core axis. | | | | | | | | | | |
| | | 56.0-56.1 Cherty flow contact quartzite. | | | | | | | | | | |
| | | 56.1-62.4 As 27.4-31.6 | | | | | | | | | | |
| | | 62.4-62.7 Quartz-tourmaline vein at 45° to core axis. | 08666F | 62 | 63 | 1.0 | | 0.002 | | | | |
| | | 62.7-63.8 As 27.4-31.6 | | | | | | | | | | |
| | | 63.8-64.6 As 62.4-62.7 | 08667F | 63.7 | 64.7 | 1.0 | | 0.002 | | | | |
| | | 64.6-65.5 Mixed quartz and country-rock | 08668F | 64.7 | 65.7 | 1.0 | | 0.002 | | | | |

## DIAMOND DRILL RECORD

HOLE Nº: 85-31



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 373 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 65.5-66.2 As 27.5-31.6 | | | | | | | | | | |
| | | 66.2-66.5 Cherty quartzite flow contact. | | | | | | | | | | |
| | | 66.5-68.9 As 27.5-31.6 | | | | | | | | | | |
| | | 68.9-69.5 Mixed quartz-carbonate, quartz-chlorite | 08669F | 68.8 | 69.5 | 1.3 | | 0.002 | | | | |
| | | -tourmaline veins possibly on flow contact. | | | | | | | | | | |
| | | 69.5-71.8 As 27.5-31.6 | | | | | | | | | | |
| | | 71.8-72.1 Massive quartz-tourmaline vein | 08670F | 71.5 | 72.5 | 1.0 | | 0.002 | | | | |
| | | 72.1-73.0 Slightly mottled modification of 27.5- | | | | | | | | | | |
| | | 31.6. | | | | | | | | | | |
| | | 73.0-73.9 Quartz-mica vein with trace pyrite | | | | | | | | | | |
| | | 73.9-74.5 Well banded foliated greenstone schist | 08671F | 73.0 | 74.0 | 1.0 | | 0.002 | | | | |
| | | dike - with poorly preserved chill zones. | | | | | | | | | | |
| | | 74.5-80.0 Well banded carbonated greenstone flow | | | | | | | | | | |
| | | schistosity at 45° to core axis. | | | | | | | | | | |
| | | 80.0-80.3 White milky quartz at 10°-15° to core | | | | | | | | | | |
| | | axis. Moderate pyrite at 80.3 | 08672F | 79.8 | 80.8 | 1.0 | | 0.018 | | | | |
| | | 80.3-91.0 Well schisted amygdaloidal mafic flow | | | | | | | | | | |
| | | with occasional quartz-calcite stringers. 10% | 08673F | 90.7 | 91.7 | 1.0 | | 0.110 | | | | |
| | | magnetite at 80.5. | | | | | | | | | | |
| | | 91.0-91.3 Quartz-tourmaline vein. Sharp contacts | | | | | | | | | | |
| | | parallel to schistosity. | | | | | | | | | | |
| | | 91.3-95.5 As 80.3-91.0 | 08674F | 95 | 96 | 1.0 | | 0.002 | | | | |
| | | 95.5-95.6 As 91.0-91.3 at 45° to core axis | | | | | | | | | | |
| | | 95.6-102.0 Mottled remnant s of mafic flows with | | | | | | | | | | |
| | | biotite. | | | | | | | | | | |
| | | 102.0-104.0 Dark massive acid intrusive or flow. | | | | | | | | | | |
| | | 104.0-110.0 Gabbroic dike or sill with fine | | | | | | | | | | |
| | | grained upper contact. | | | | | | | | | | |
| | | 110.0-112.6 Altered greenstone flows with relict | | | | | | | | | | |
| | | amygdules, trace magnetite. | | | | | | | | | | |
| | | 112.6-113.0 Massive quartz vein at 45° to core | 08675F | 112.3 | 113.3 | 1.0 | | 0.002 | | | | |
| | | axis | | | | | | | | | | |
| | | 113.0-114.2 As 110.0-112.6 with trace magnetite | 08676F | 114.2 | 115.2 | 1.0 | | 0.002 | | | | |
| | | 114.2-116.5 Mixed quartz and country-rock | 08677F | 115.5 | 116.5 | 1.0 | | 0.002 | | | | |

# DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 373 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 116.5-118.5 As 110.0-112.6 | 08678F | 118 | 119 | 1.0 | | 0.002 | | | | |
| | | 118.5-118.6 Quartz veinlet | | | | | | | | | | |
| | | 118.6-122.5 As 110.0-112.6 | 08679F | 122 | 123 | 1.0 | | 0.002 | | | | |
| | | 122.5-122.7 Quartz vein at 45° to core axis | | | | | | | | | | |
| | | 122.7-129.0 Mottled greenstone flows and biotite schist. | | | | | | | | | | |
| | | 129.0-130.5 Possible mafic dike. | | | | | | | | | | |
| | | 130.5-135.8 Altered greenstones | | | | | | | | | | |
| | | 135.8-144.5 Metadiabase with occasional greenstone xenoliths. | | | | | | | | | | |
| | | 144.5-144.7 Quartz carbonate vein | 08680F | 144 | 145 | 1.0 | | 0.002 | | | | |
| | | 144.7-152.5 Coarse gabbro with occasional inclusions of altered greenstone. Foliated from 149.0-150.0 and 151.5-152.5, with quartz veinlet at 151.9. | 08681F | 151.5 | 152.5 | 1.0 | | 0.002 | | | | |
| | | 152.5-153.0 Greenstone xenolith or green dike. | | | | | | | | | | |
| | | 153.0-157.4 Coarse gabbro with chlorite and biotite alteration and silicified feldspars. Minor quartz carbonate veinlet. | | | | | | | | | | |
| | | 157.4-160.7 Chilled metadiabase with tourmaline in quartz veinlet at 160. | | | | | | | | | | |
| | | 160.7-164.0 Gabbro and metadiabase - grain size changes are gradational. | | | | | | | | | | |
| | | 164.0-168.0 Green dike with chilled contacts and xenoliths of gabbro. | | | | | | | | | | |
| | | 168.0-174.5 Green dike and gabbro alterations at 35° to core axis. | | | | | | | | | | |
| | | 174.5-184.3 Coarsely crystalline gabbro with occasional medium grained sections of metadiabase without chilled contacts. | | | | | | | | | | |
| | | 184.3-189.0 Metadiabase | | | | | | | | | | |
| | | 189.0-196.0 Alterations of gabbro, metadiabase, and foliated gabbro. | | | | | | | | | | |
| | | 196.0-199.5 Green dike with chilled contacts at | | | | | | | | | | |

| HOLE Nº: 85-31 |
|---|
| PAGE Nº: 4 of 5 |

# DIAMOND DRILL RECORD

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 373 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 199.5-217.0 Coarse altered gabbro, foliated at 205.2 with calcite stringers. Foliated from 211.0 to 217.0. | | | | | | | | | | |
| | | 217.0-217.5 Quartz carbonate stringer or vein | 08682F | 216.5 | 217.5 | 1.0 | | 0.002 | | | | |
| | | 217.5-225.6 Well foliated and chloritized gabbro. Possible felsite xenolith at 225.3. | | | | | | | | | | |
| 225.6 | 373.0 | FELSITE OR RHYOLITE | | | | | | | | | | |
| | | 225.6-230.0 Felsic flow or intrusion. Fine grained hard and massive. Light grey colour. | | | | | | | | | | |
| | | 230.0-246.9 Felsic pyroclastic unit including weakly bedded tuffs and dark grey to black glassy dust tuffs. Disseminated 5% pyrite in some coarser beds. Some of dark glassy types could be dikes. Banding about 45° to core axis. Felsite fragment at 246.0. | | | | | | | | | | |
| | | 246.9-251.3 Massive light gray fine grained felsite or rhyolite with occasional epidotized patches (possible altered fragments). | | | | | | | | | | |
| | | 251.3-257.2 Fragmental flow or flow breccia | | | | | | | | | | |
| | | 257.2-273.6 Massive light grey felsite with epidote patches and trace pyrite | 08683F | 269.2 | 270.2 | 1.0 | | 0.002 | | | | |
| | | 273.6-277.3 Dark glassy dust tuff and occasional breccia fragments. | | | | | | | | | | |
| | | 277.3-284.0 Massive light grey felsite as 257.2-273.6. | | | | | | | | | | |
| | | 284.0-286.0 Dark glassy dust tuff(?) or flow | 08684F | 280.3 | 281.3 | 1.0 | | 0.002 | | | | |
| | | 286.0-287.0 As 277.3-284.0. | | | | | | | | | | |
| | | 287.0-373.0 Massive to weakly chloritized acid volcanic breccia with felsite or porphyry fragments up to three feet in core-length. Matrix is dark grey glassy and apparently chilled in places against the lighter grey altered porphyry fragments. | | | | | | | | | | |
| | | The latter contain idiomorphic saussuritized feldspars. Quartz carbonate segregations at 433.5 | 08685F | 353 | 354 | 1.0 | | 0.002 | | | | |

## DIAMOND DRILL RECORD

HOLE Nº: 85-31



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 225.6 | 373.0 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 287.0-373.0 - Cont'd | | | | | | |
| | | Fragment of flow contact cherty quartzite at 360.0 | | | | | | |
| | | Quartz-carbonate-chlorite-pyrite & pyrrhotite vein | | | | | | |
| | | at 361.2. Sulphides in wall rock also, also 366.4- | | | | | | |
| | | 366.5 (heavily epidotized or saussuritized frag- | 08686F | 361 | 362 | 1.0 | | 0.016 |
| | | ments may be derived from mafic volcanics). | | | | | | |
| | | Abundant minor carbonate and occasional quartz | 08687F | 366 | 367 | 1.0 | | 0.002 |
| | | carbonate stringers throughout. Weakly disseminated | | | | | | |
| | | pyrite & pyrrhotite throughout. | | | | | | |
| | | | | | | | | |
| | | End of DDH #85-31 at 373 feet. | | | | | | |

LOCATION: MADOC TWP., ONTARIO

AZIMUTH: 235°

MONO GOLD MINES INC.

DIAMOND DRILL RECORD

MONO GOLD MINES INC.

HOLE Nº: 85-32

PROPERTY: BANNOCKBURN

DIP: -45°

LENGTH: 300.0'

ELEVATION:

CLAIM Nº: E0652301

STARTED: Sept. 22/85

CORE SIZE: BQ

DATE LOGGED:

SECTION: "OFF SECTION" 2800-2900N

COMPLETED: Sept. 24/85

DIP TESTS: 300.0' = 43½°

LOGGED BY: R.V. BEAVON

PURPOSE:

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.5 | Casing | | | | | | | | | | |
| 3.5 | 300.0 | TUDOR VOLCANIC GROUP (?) | | | | | | | | | | |
| | | Massive felsite or rhyolite, very hard, light grey and siliceous | | | | | | | | | | |
| | | 3.5-4.0 As Above | | | | | | | | | | |
| | | 4.0-5.6 Green dike at 20° to core axis. Sharp contacts. | | | | | | | | | | |
| | | 5.6-6.0 Felsite & rhyolite | | | | | | | | | | |
| | | 6.0-6.1 Quartz vein normal to core axis. Minor pyritic paint on joints and fracture. | 08688F | 5.5 | 6.5 | 1.0 | | 0.010 | | | | |
| | | 6.1-8.4 Felsite as above | | | | | | | | | | |
| | | 8.4-8.5 Jaspery oxidized quartz vein at 30° to core axis. Leached sideritic(?) carbonate. | | | | | | | | | | |
| | | 8.5-8.8 Felsite as described above. | | | | | | | | | | |
| | | 8.8-9.2 Massive white quartz vein at 65° to core axis. Trace pyrite paint on irregular fractures in quartz. | 08689F | 8.5 | 9.5 | 1.0 | | 0.002 | | | | |
| | | 9.2-10.7 Massive weakly sericitized felsite. | | | | | | | | | | |
| | | 10.7-11.5 Green dike at 25° to core axis. | | | | | | | | | | |
| | | 11.5-17.7 Felsite with minor quartz-carbonate stringers. | | | | | | | | | | |
| | | 17.7-17.8 Quartz-chlorite veinlet at 75° to core axis. Country-rock silicified with pyrite stringers | | | | | | | | | | |
| | | 17.8-20.7 Massive felsite. | | | | | | | | | | |
| | | 20.7-20.75 Quartz veinlet normal to core axis | 08691F | 20.1 | 21.1 | 1.0 | | 0.002 | | | | |
| | | 20.75-42.0 Massive felsite, massive light grey | | | | | | | | | | |

| | HOLE Nº: 85-32 |
|---|---|
| DIAMOND DRILL RECORD | PAGE Nº: 2 of 5 |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 300 | TUDOR VOLCANIC GROUP (?) - Cont'd | | | | | | | | | | |
| | | 42.0-42.1 Green dikelet | | | | | | | | | | |
| | | 42.1-43.0 Silicified felsite, trace pyrite | | | | | | | | | | |
| | | 43.0-43.1 Quartz-chlorite-carbonate veinlet at | 08692F | 42.5 | 43.4 | 1.0 | | 0.002 | | | | |
| | | $60^{\circ}$ to core axis. | | | | | | | | | | |
| | | 43.1-43.4 As 42.1-43.0 | | | | | | | | | | |
| | | 43.4-45.0 Green dike at $45^{\circ}$ to core axis - Includes | | | | | | | | | | |
| | | two quartz stringers with pyrite & pyrrhotite | 08693F | 44 | 45 | 1.0 | | 0.030 | | | | |
| | | 45.0-45.5 Felsite (massive) as 20.75-42.0. | | | | | | | | | | |
| | | 45.5-46.5 Well schisted green dike with irregular | | | | | | | | | | |
| | | contacts. | | | | | | | | | | |
| | | 46.5-47.4 Felsite | | | | | | | | | | |
| | | 47.4-50.2 Green dike with fine to medium grain | | | | | | | | | | |
| | | size. Well schisted throughout. | | | | | | | | | | |
| | | 50.2-50.9 Massive quartz with pyrite & pyrrhotite | 08694F | 50 | 51 | 1.0 | | 0.028 | | | | |
| | | paint on internal fractures. Trace cabonate. | | | | | | | | | | |
| | | 50.9-54.3 Felsite, massive medium grey with slight | | | | | | | | | | |
| | | crackle joints filled with secondary silica. | | | | | | | | | | |
| | | 54.3-55.9 Quartz vein at $5^{\circ}$ to core axis. Width | | | | | | | | | | |
| | | 0.1 ft. | 08695F | 54.3 | 56 | 1.7 | | 0.008 | | | | |
| | | 55.9-58.0 Felsite as 50.9-54.3 | | | | | | | | | | |
| | | 58.0-58.1 Quartz-pyrite vein at $45^{\circ}$ to core axis | 71401 | 57.5 | 58.5 | 1.0 | | 0.002 | | | | |
| | | 58.1-58.3 Felsite | | | | | | | | | | |
| | | 58.3-63.4 Green dike with chilled contacts at $20^{\circ}$ | | | | | | | | | | |
| | | to $45^{\circ}$ to core axis. Well schisted throughout | 71403 | 69.3 | 70.3 | 1.0 | | 0.020 | | | | |
| | | 63.4-68.2 Dark grey weakly crackled felsite | | | | | | | | | | |
| | | 68.2-68.5 Quartz vein with trace pyrrhotite > | | | | | | | | | | |
| | | pyrite. | 71402 | 67.9 | 68.9 | 1.0 | | 0.012 | | | | |
| | | 68.5-74.8 Green dike, moderately well schisted. | | | | | | | | | | |
| | | No chill against upper contact. Quartz at 68.5 | | | | | | | | | | |
| | | may therefore be on a fault. | | | | | | | | | | |
| | | 74.8-79.0 Weakly chloritized felsite. | | | | | | | | | | |
| | | 79.0-79.05 Quartz-carbonate-pyrrhotite-pyrite | 71404 | 78.5 | 79.5 | 1.0 | | 0.002 | | | | |
| | | veinlet at $85^{\circ}$ to core axis. | | | | | | | | | | |
| | | 79.05-83.0 Massive grey and weakly crackled felsite. | | | | | | | | | | |

DIAMOND DRILL RECORD

HOLE NO: 85-32



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 83.0-84.0 Two quartz veinlets, one normal to, and one at 45° to core axis. Trace pyrite, trace carbonate. | 71405 | 83 | 84 | 1.0 | | 0.002 | | | | |
| | | 84.0-87.3 As 79.05-83.0 with scattered pyrite and occasional minor quartz stringers. | | | | | | | | | | |
| | | 87.3-93.8 Green dike, moderately to well schisted. Contains occasional xenoliths of felsite. | | | | | | | | | | |
| | | 93.8-100.6 Massive grey felsite. | | | | | | | | | | |
| | | 100.6-100.65 Minor quartz veinlet with heavy tourmaline. | | | | | | | | | | |
| | | 100.65-117.0 Massive felsite, well banded at 60° to core axis at 111.0; includes short sections of green dike or massive rhyolite at 102.5-104, 111.2-112.5, 115.5-116.6. Could also be interpreted as autobreccia or intrusive breccia. Some fragments epidotized, and good chills between matrix (dark-grey-black) and fragments of epidote on fractures at 118. Good recemented breccia textures at 125-125. | | | | | | | | | | |
| | | 117.0-133.9 Massive felsite, light grey as in 93.8-100.6. | | | | | | | | | | |
| | | 133.9-137.0 Green dike with weak foliation and crackle stringers of carbonate. Contacts almost normal to core axis. | | | | | | | | | | |
| | | 137.0-139.1 Well mottled massive felsite | | | | | | | | | | |
| | | 139.1-140.1 Two 0.1 ft. quartz veinlets and felsite Veins are at 80° to core axis with sharp contacts. | 71406 | 139.1 | 140.1 | 1.0 | | 0.010 | | | | |
| | | 140.1-141.0 Light grey massive felsite. | | | | | | | | | | |
| | | 141.0-142.0 As 140.1-141.0 with 3 quartz stringers at variable degrees to core axis. | 71407 | 141 | 142.1 | 1.1 | | 0.002 | | | | |
| | | 142.0-142.5 Green dike at 45° to core axis. | | | | | | | | | | |
| | | 142.5-158.5 Massive light grey felsite with | 71408 | 146.5 | 147.5 | 1.0 | | 0.002 | | | | |
| | | occasional quartz carbonate stringers containing | 71409 | 151.7 | 152.7 | 1.0 | | 0.002 | | | | |
| | | pyrrhotite and pyrite traces. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-33



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 300 | TUDOR VOLCANIC GROUP (?) - Cont'd | | | | | | | | | | |
| | | 158.5-160.3 Well schisted (mafic) greenstone flow with flattened amygdules. Foliation at 50° to core axis. | 71410 | 154 | 155 | 1.0 | | 0.002 | | | | |
| | | 160.3-181.1 Dark grey to black weakly chloritized felsite or rhyolite. Well crackled with quartz-carbonate stringers. Trace pyrite throughout. Occasional vague breccia features. | | | | | | | | | | |
| | | 181.1-183.8 Chloritized green dike or rhyolite. Somewhat mottled. | | | | | | | | | | |
| | | 183.8-186.1 Felsite with ghostly breccia features | | | | | | | | | | |
| | | 186.1-189.0 Green dike with pepper and salt texture. Could be fine grained ophitic intrusive Up to 10% disseminated pyrite. Heavily biotitized from 187.3 to 189 with small felsite inclusion. | | | | | | | | | | |
| | | 189.0 - Lost water return and caving = Fault? | | | | | | | | | | |
| | | 189.0-192.0 Heavily altered biotitized rock with 20% pyrite in well formed crystals up to 2 mm. across. Could be a dike. | | | | | | | | | | |
| | | 192.0-193.5 Green dike or massive tuff with 5-10% pyrite. Probable chill at 193.5. | | | | | | | | | | |
| | | 193.5-197.5 Chloritized felsite with moderate cleavage up to 197. Massive from 197-197.5 - all gradational features. | 71411 | 197.3 | 198.3 | 1.0 | | 0.004 | | | | |
| | | 197.5-198.2 Five quartz veinlets with as much country-rock enclosed by sharp contacts at 85° to core axis. Pyrrhotite-pyrite & chlorite mineralization. | | | | | | | | | | |
| | | 198.2-210.0 Massive light grey weakly chloritized felsite. | | | | | | | | | | |
| | | 210.0-213.7 Fine grained weakly foliated green dike on chloritic phase of felsite. | 71412 | 201.7 | 202.7 | 1.0 | | 0.002 | | | | |
| | | 213.7-217.5 Mottled phase of felsite - highly chloritic - psalimpsest amygdules indicate altered mafic flow. | 71416 | 211.5 | 212.5 | 1.0 | | 0.004 | | | | |

# DIAMOND DRILL RECORD

HOLE NO: 85-32



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.5 | 300 | TUDOR VOLCANIC GROUP (?) - Cont'd | | | | | | | | | | |
| | | 217.5-223.5 Dark glassy chloritized felsite with | | | | | | | | | | |
| | | 5% disseminated pyrrhotite. Scattered crackle | | | | | | | | | | |
| | | stringers, especially in altered felsite fragments | | | | | | | | | | |
| | | seen in this section. | | | | | | | | | | |
| | | 223.5-225.5 Foliated volcanic breccia, with | | | | | | | | | | |
| | | abundant quartz carbonate stringers. Foliation | | | | | | | | | | |
| | | at 20° to core axis. | | | | | | | | | | |
| | | 225.5-242.0 Highly variable section of felsic | | | | | | | | | | |
| | | volcanics with evidence of large breccia frag- | 71413 | 241.5 | 244 | 2.5 | | 0.002 | | | | |
| | | ments in a fine-grained, weakly chloritized matrix | 71414 | 244 | 245 | 1.0 | | 0.002 | | | | |
| | | which is cherty. Fragments include medium grained | | | | | | | | | | |
| | | massive tuffaceous rocks with 5% disseminated | | | | | | | | | | |
| | | pyrite. Felsite and flow-contacts cherty quartz- | | | | | | | | | | |
| | | ite blocks. | 71415 | 265.1 | 266.2 | 1.7 | | 0.002 | | | | |
| | | 242.0-243.0 Quartz vein with carbonate at 5° to | | | | | | | | | | |
| | | core axis. | | | | | | | | | | |
| | | 243.0-244.3 As 225.5-242.0 | | | | | | | | | | |
| | | 244.3-244.4 Quartz vein with sharp contacts at | | | | | | | | | | |
| | | 85° to core axis. | | | | | | | | | | |
| | | 244.4-261.3 As 225.5-242.0. | | | | | | | | | | |
| | | 261.3-273.5 Moderately well schisted mafic green- | | | | | | | | | | |
| | | stone flow with relict amygdular features. Quartz | | | | | | | | | | |
| | | carbonate vein with pyrrhotite & pyrite at 265.1-2. | | | | | | | | | | |
| | | 273.5-300 Felsite breccia with assorted blocks | | | | | | | | | | |
| | | of crackled felsite to amphibolite (?) and | 71417 | 278.5 | 279.5 | 1.0 | | 0.004 | | | | |
| | | including tuffaceous blocks with 5% disseminated | | | | | | | | | | |
| | | pyrite. Cleavage-banded at 293-294 and fragmental | | | | | | | | | | |
| | | throughout. | | | | | | | | | | |
| | | End of DDH #85-32 at 300 feet. | | | | | | | | | | |

| | | | |
|---|---|---|---|
| LOCATION: MADOC TWP ONTARIO | DIAMOND DRILL RECORD<br>MONO GOLD MINES INC. | | HOLE NO: 85-33 |
| AZIMUTH: 235° | | | PROPERTY: BANNOCKBURN |
| DIP: -45° | LENGTH: 288.0 ft. | ELEVATION: | CLAIM NO: E0652301 |
| STARTED: Sept. 24/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: "OFF SECTION" 2300-2400N |
| COMPLETED: Sept. 26/85 | DIP TESTS: 288.0'=44° | | LOGGED BY: R.V. BEAVON |
| PURPOSE: | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | | |
| 2 | 288 | TUDOR VOLCANIC GROUP | | | | | | | | | | |
| | | 2.0-2.5 Greenstone, well schisted and leached carbonate flow unit. | | | | | | | | | | |
| | | 2.5-3.0 Cherty quartzite flow contact | | | | | | | | | | |
| | | 3.0-25.6 Fine grained medium to light green in part cleavage banded greenstone schist flow unit. Some banding may be due to flattening of flow-breccia fragments. Probable flow contact with quartz stringer at 25.6. Cleavage-banding at 25° core axis. Minor carbonate stringers throughout. | | | | | | | | | | |
| | | 25.6-39.6 Moderately cleavage banded to slightly massive greenstone flow | | | | | | | | | | |
| | | 39.6-39.9 Flow contact quartzite (0.1 ft.) at 39.6, followed by greenstone flow. | | | | | | | | | | |
| | | 39.9-40.0 Quartz veinlet | 08751F | 39.4 | 40.4 | 1.0 | | 0.014 | | | | |
| | | 40.0-45.0 Moderately cleavage-banded greenstone flow unit. | | | | | | | | | | |
| | | 45.0-45.1 Flow contact chert (quartzite) at 25° to core axis. | | | | | | | | | | |
| | | 45.1-48.0 Alternating greenstone flow and infolded cherty and limy flow contact material. | | | | | | | | | | |
| | | 48.0-53.0 Fine grained greenstone schist flow similar to 3.0-25.6. Gradational contact at 53.0. | | | | | | | | | | |
| | | 53.0-64.1 Massive portion of greenstone flow, medium-grained and becoming coarser at 64.1 where | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-33



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 288 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 53.0-64.1 - cont'd | | | | | | | | | | |
| | | foliation begins again. | | | | | | | | | | |
| | | 64.1-70.6 Carbonate impregnated greenstone flow unit, well cleavage-banded. Carbonate patches could be deformed pillow interstices. | | | | | | | | | | |
| | | 70.6-71.0 Quartzitic cherty flow contact, banded at 25° to core axis. | | | | | | | | | | |
| | | 71.0-72.6 Greenstone schist flow | | | | | | | | | | |
| | | 72.6-72.9 Massive white quartz. Small wedge of quartz lost from core. Sharp contacts at 45° and 85° to core axis. | 08752F | 72 | 73 | 1.0 | | 0.008 | | | | |
| | | 72.9-74.7 Carbonate impregnated greenstone of inter pillow type. | | | | | | | | | | |
| | | 74.7-75.0 Quartzitic chert flow contact. | | | | | | | | | | |
| | | 75.0-82.4 Moderately well-schisted greenstone flow with rare amygdules and faint cleavage banding | | | | | | | | | | |
| | | 82.4-82.5 Quartz impregnation of lavas | 08753F | 81.8 | 82.8 | 1.0 | | 0.002 | | | | |
| | | 82.5-88.2 As 75.0-82.4 with slight mottling of flow unit. | | | | | | | | | | |
| | | 88.2-88.6 Marble on flow contact. Medium grained sugary marble, weakly banded at 25° to core axis. | | | | | | | | | | |
| | | 88.6-100.7 Sparsely porphyritic greenstone flow, becoming weakly schisted and massive with increasing grain size at 91.0. Feldspar phenocrysts. | | | | | | | | | | |
| | | 100.7-101.0 Remobilized cherty quartz flow contact. Resembles stringer. | | | | | | | | | | |
| | | 101.0-106.6 Weakly schisted sparsely porphyritic greenstone with feldspar. Flow contact chill at 106.6. | | | | | | | | | | |
| | | 106.6-129.2 Massive-medium-grained porphyritic andesite with quartz amygdules at 116. Scattered minor calcite stringers throughout. Chilled flow contact at 129.2 | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE NO: 85-33



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE NO: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu |
|---|---|---|---|---|---|---|---|---|
| 2 | 288 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | |
| | | 129.2-130.8 As 106.6-129.2. Chilled flow contact at 130.8. | | | | | | |
| | | 130.8-132.0 As 106.6-129.2. Chilled flow contact at 132.0 | | | | | | |
| | | 132.0-133.5 Non-porphyritic chilled portion of overlying flow(?). | | | | | | |
| | | 133.5-133.6 Quartzitic chert flow contact at 25° to core axis. | | | | | | |
| | | 133.6-135.0 As 132.0-133.5 | | | | | | |
| | | 135.0-135.1 As 133.5-133.6. | | | | | | |
| | | 135.1-137.0 Sparsely porphyritic flow unit foliated at 137.0. Sharp contact with light green flow unit at 137.0. Quartz segregation at 135.5 | 08754F | 135 | 136 | 1.0 | | 0.002 |
| | | 137.0-143.0 Light green well schisted non-porphyritic flow. | | | | | | |
| | | 143.0-143.5 Massive quartz, 0.2 ft. of lost core | 08755F | 143 | 144 | 1.0 | | 0.002 |
| | | 143.5-144.2 As 137.0-143.0. | | | | | | |
| | | 144.2-144.6 Quartzitic chert flow contact at 25° to core axis. | 08756F | 145.7 | 146.7 | 1.0 | | 0.006 |
| | | 144.6-146.7 Dark green flow or dike (sill), irregular quartz segregation at 146. | | | | | | |
| | | 146.7-150.5 Wide unit of quartzitic banded chert with moderate pyrite at 149.5. | | | | | | |
| | | 150.5-160.9 Dark grey-green massive greenstone flow-fine grained throughout. Occasional minor quartz-carbonate stringers. | | | | | | |
| | | 160.9-167.4 Massive quartz carbonate vein at 50° to core axis, with sharp contacts | 08757F | 160.6 | 161.6 | 1.0 | | 0.004 |
| | | 161.4-175.0 As 150.5-160.9. Quartz-carbonate segregation at 25° to core axis at 166. | | | | | | |
| | | 175.0-175.6 Quartz veinlet at 25° to core axis | 08758F | 165.4 | 166.4 | 1.0 | | 0.006 |
| | | 175.6-184.0 As 150.5-160.9. | | | | | | |
| | | 184.0-184.5 Two quartz veinlets normal to core | 08759F | 174.4 | 175.4 | 1.0 | | 0.002 |
| | | axis with sharp contacts. Contains marcasite, py., | 08760F | 184 | 185 | 1.0 | | 0.002 |

# DIAMOND DRILL RECORD

HOLE Nº: 85-33



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 288 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 184.5-188.8 As 150.5-160.9 with increased minor calcite and quartz stringers. | | | | | | | | | | |
| | | 188.8-189.2 Massive white quartz with trace pyrite | 08761F | 188.3 | 189.3 | 1.0 | | 0.002 | | | | |
| | | 189.2-189.5 Greenstone flow as 150.5-160.9 | | | | | | | | | | |
| | | 189.5-191.0 Possible foliated green dike | | | | | | | | | | |
| | | 191.0-191.3 Irregular quartz stringers | 08762F | 190.5 | 191.5 | 1.0 | | 0.002 | | | | |
| | | 191.3-201.0 Fairly massive fine grained greenstone flow with minor carbonate joint fillings. | | | | | | | | | | |
| | | 201.0-204.5 Massive white quartz with occasional country-rock inclusions. Traces pyrrhotite & pyrite (paint). | 08763F | 201 | 204.7 | 3.7 | | 0.002 | | | | |
| | | 204.5-219.0 Massive greenstone flow with fine to medium grain size. Quartz carbonate stringers at 219 possibly along flow contact. | 08764F | 205.5 | 206.5 | 1.0 | | 0.002 | | | | |
| | | 219.0-238.5 As 204.5-239.0 with quartz carbonate stringers at 20° to core axis at 220, 222, 223, 224 and 226. Trace pyrite and pyrrhotite throughout. | | | | | | | | | | |
| | | 238.5-239.0 Probable sill or dike (mafic) with well developed cleavage. | | | | | | | | | | |
| | | 239.0-239.3 Probable limestone-marble along flow contact. | | | | | | | | | | |
| | | 239.3-242.8 Massive greenstone as 204.5-219.0. Abundant calcite filling joints at 239.0-240.0. | | | | | | | | | | |
| | | 242.8-243.4 Quartzitic chert, banded at 20° to core axis. | | | | | | | | | | |
| | | 243.4-243.9 Massive white quartz veinlet with sharp contacts normal to core axis. | 08765F | 243.4 | 244.4 | 1.0 | | 0.002 | | | | |
| | | 243.9-244.5 Poorly foliated greenstone flow. | | | | | | | | | | |
| | | 244.5-245.7 Well banded quartzitic flow-contact chert. Possible fault at 245.7 parallels foliation. | | | | | | | | | | |
| | | 245.7-258.6 Massive to weakly schisted greenstone flow with 10-15% pyrrhotite and up to 5% pyrite in scattered blebs and stringers. | | | | | | | | | | |

DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 288 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 258.6-258.8 Carbonate and pyrite seams at 25° to core axis. Possible fault parallel to schistosity. | 08766F | 258.1 | 259.1 | 1.0 | | 0.002 | | | | |
| | | 258.8-259.8 Greenstone with calcite stringers as 245.7-258.6 | | | | | | | | | | |
| | | 259.8-260.1 As 244.5-245.7. | | | | | | | | | | |
| | | 260.1-262.3 Mixed flow and quartzitic cherts. | | | | | | | | | | |
| | | 262.3-265.0 Well banded flow contact,quartzitic cherts at 30° to core axis. | | | | | | | | | | |
| | | 265.0-276.0 Weakly schisted fine grained greenstone flow with occasional carbonate inter pillow areas. Flow contact cherty quartzite at 276. | | | | | | | | | | |
| | | 276.0-287.8 Massive light grey-green flow with weak traces of foliation. | | | | | | | | | | |
| | | 287.8-287.9 Flow contact banded quartzitic chert. | | | | | | | | | | |
| | | 287.9-288.0 As 276.0-287.8. | | | | | | | | | | |
| | | END OF DDH #85-33 at 288 feet. | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| LOCATION: | MADOC TWP ONTARIO | MONO GOLD MINES INC. | DIAMOND DRILL RECORD | HOLE Nº: | 85-34 |
| AZIMUTH: | 235° | | | PROPERTY: | BANNOCKBURN |
| DIP: | -70° | LENGTH: 300.0' | ELEVATION: | CLAIM Nº: | E0652301 |
| STARTED: | Sept. 26/85 | CORE SIZE: BQ | DATE LOGGED: | SECTION: | "OFF SECTIONS" 2300-2400N |
| COMPLETED: | Sept. 27/85 | DIP TESTS: 300.0= -69° | | LOGGED BY: | R.V. BEAVON |
| PURPOSE: | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | Casing | | | | | | | | | |
| 2 | 300 | TUDOR VOLCANIC GROUP | | | | | | | | | |
| | | 2.0-25.5 Dark green moderately well schisted greenstone flow with foliation at 35°-40° to core axis. Occasional minor quartz and calcite stringers. Leaching of calcite at 10.0-11.0 ft. | | | | | | | | | |
| | | 25.5-26.0 Flow contact zone with calcite and marble bands parallel to schistosity. | | | | | | | | | |
| | | 26.0-27.0 As 2.0-25.5 but lighter green colour. | | | | | | | | | |
| | | 27.0-28.0 Flow contact zone with quartzitic chert bands at 35° to core axis. | | | | | | | | | |
| | | 28.0-29.0 Greenstone flow-moderate schistosity | | | | | | | | | |
| | | 29.5-32.0 Moderately well schisted greenstone flow. | | | | | | | | | |
| | | 32.0-32.5 Quartz vein, parallel to schistosity, trace of pyrite. | 08767F | 31.6 | 32.6 | 1.0 | | 0.002 | | | |
| | | 32.5-37.0 Well cleavage-banded greenstone schist with some carbonate bands. Drusy pyrite and quartz on longitudinal fracture 32 ft. | | | | | | | | | |
| | | 37.0-37.7 Quartz vein with trace pyrite paint on fractures. Sharp contact parallel to schistosity at 35° to 40° to core axis. | 08768F | 36.9 | 37.9 | 1.0 | | 0.002 | | | |
| | | 37.7-42.0 Well cleavage banded greenstone schist flow with abundant calcite bands and some stringers. | | | | | | | | | |
| | | 42.0-42.3 Well schisted greenstone with quartz veinlet or remobilized meta-chert. | 08769F | 41.5 | 42.5 | 1.0 | | 0.068 | | | |

DIAMOND DRILL RECORD

HOLE Nº: 85-34



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 42.3-44.0 Well schisted greenstone or dike with carbonate stringers. | | | | | | | | | | |
| | | 44.0-67.9 Massive greenstone with suggestion of phenocrysts locally. Becomes weakly foliated at 60.0-67.9. | | | | | | | | | | |
| | | 67.9-68.1 Quartz vein at 80° to core axis, trace tourmaline | 08770F | 67.5 | 68.5 | 1.0 | | 0.002 | | | | |
| | | 68.1-70.2 As 44.0-67.9, definitely porphyritic at 69.0-70.0. | | | | | | | | | | |
| | | 70.2-71.0 Quartzitic chert flow contact, banded at 45° to core axis. | | | | | | | | | | |
| | | 71.0-72.0 Greenstone with patches of carbonate | | | | | | | | | | |
| | | 72.0-72.1 Quartz veinlet normal to core axis, trace pyrrhotite. | 08771F | 71.5 | 72.5 | 1.0 | | 0.002 | | | | |
| | | 72.1-83.3 Massive non-porphyritic greenstone flow with occasional quartz calcite stringers at 74.5, 78,80.1 and 81. | 08772F | 77.5 | 78.5 | 1.0 | | 0.008 | | | | |
| | | 83.3-83.9 Quartzitic chert flow contact with traces of secondary quartz. | | | | | | | | | | |
| | | 83.9-88.0 As 72.1-83.3 with some cherty bands | | | | | | | | | | |
| | | 88.0-88.6 Quartz vein at low angle to core axis | 08773F | 88 | 89 | 1.0 | | 0.002 | | | | |
| | | 88.6-96.7 Massive greenstone flow as 72.1-83.3. Probable flow contact chill at 96.7 with calcite stringers. | | | | | | | | | | |
| | | 96.7-100.7 As 72.1-83.3. | | | | | | | | | | |
| | | 100.7-100.9 Quartz vein at 70° to core axis. Traces pyrrhotite and pyrite. | 08774F | 100.9 | 101.9 | 1.0 | | 0.024 | | | | |
| | | 100.9-102.4 As 72.1-83.3 Chilled flow contact with calcite stringers at 102. | | | | | | | | | | |
| | | 102.4-109.1 As 72.1-83.3 becoming lighter green in colour towards 109. | | | | | | | | | | |
| | | 109.1-110.2 Massive quartzitic chert. Trace pyrite at 110.2. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE No: 85-34



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No. | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 110.2-124.0 Massive to weakly foliated medium | | | | | | | | | | |
| | | green flow unit with fairly abundant calcite | | | | | | | | | | |
| | | stringers. Becoming well schisted at 124. Traces | | | | | | | | | | |
| | | of pyrite at 110.2-112.0. Heavy calcite stringer | | | | | | | | | | |
| | | at 121.0. | | | | | | | | | | |
| | | 124.0-127.3 Quartz vein parallel to schistosity | | | | | | | | | | |
| | | at 15° to core axis. Has silicified breccia along | 08775F | 124 | 126 | 2.0 | | 0.002 | | | | |
| | | contacts. Repeated at 126-127.3 after short section | 08776F | 126 | 127.3 | 1.3 | | 0.002 | | | | |
| | | of country-rock. Includes carbonate at 127. | | | | | | | | | | |
| | | 127.3-132.9 Weakly foliated greenstone flow with | | | | | | | | | | |
| | | indistinct cleavage banding. Quartz carbonate | 08777F | 132.2 | 133.2 | 1.0 | | 0.002 | | | | |
| | | segregations at 132.9. | | | | | | | | | | |
| | | 132.9-144.2 Weakly foliated greenstone flow with | | | | | | | | | | |
| | | occasional carbonate in joints. 15% pyrrhotite at | | | | | | | | | | |
| | | 140-141. Weak quartz veinlet at 20° to core axis | 08778F | 143 | 144 | 1.0 | | 0.002 | | | | |
| | | at 143.2 with trace pyrrhotite. | | | | | | | | | | |
| | | 144.2-144.4 Quartz vein with sharp contacts | 08779F | 144 | 145 | 1.0 | | 0.012 | | | | |
| | | normal to core axis. Trace tourmaline and marcasite | | | | | | | | | | |
| | | and trace of pyrite. | | | | | | | | | | |
| | | 144.4-163.7 Massive fine grained greenstone flow | | | | | | | | | | |
| | | with occasional calcite in joints., trace pyrrho- | | | | | | | | | | |
| | | tite at 163. Carbonate segregation at 161.7. | | | | | | | | | | |
| | | 163.7-164.2 Quartzitic chert flow contact at 45° | | | | | | | | | | |
| | | to core axis. | | | | | | | | | | |
| | | 164.2-167.0 Massive to weakly banded greenstone | | | | | | | | | | |
| | | flow. | | | | | | | | | | |
| | | 167.0-176.6 Fine grained greenstone flow with | | | | | | | | | | |
| | | amygdules at 172.5 Quartz-pyrrhotite stringer | 08780F | 169.5 | 170.5 | 1.0 | | 0.006 | | | | |
| | | 176.6-176.8 Quartz vein on flow contact chert | 08781F | 176.1 | 177.1 | 1.0 | | 0.004 | | | | |
| | | 176.8-180.0 As 167.0-176.6 | | | | | | | | | | |
| | | 180.0-183.1 Quartz vein sub parallel to core axis | | | | | | | | | | |
| | | with 10% pyrrhotite and trace carbonate | 08782F | 180.0 | 183.1 | 3.1 | | 0.008 | | | | |
| | | 183.1-192.8 Massive fine grained greenstone flow. | | | | | | | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-34



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº: | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 192.8-195.0 Quartz vein with inclusions of country-rock, 10% pyrrhotite & pyrite. Cherty flow contact at 195. | 08783F | 192.8 | 195 | 2.2 | | 0.002 | | | | |
| | | 195.0-202.6 Banded weakly calcareous tuffs with bedding laminations at 45° to core axis. Occasional cherty bands. | | | | | | | | | | |
| | | 202.6-203.0 Greenstone flow(?) | | | | | | | | | | |
| | | 203.0-203.4 Quartz pyrrhotite veinlet parallels core axis | 08784F | 202.7 | 203.7 | 1.0 | | 0.002 | | | | |
| | | 203.4-204.7 As 202.0-203.0. | | | | | | | | | | |
| | | 204.7-204.8 Quartz veinlet 70° to core axis | 08785F | 204.2 | 205.2 | 1.0 | | 0.002 | | | | |
| | | 204.8-207.0 Massive light to medium fine grained greenstone flow, weakly cleavage banded. | | | | | | | | | | |
| | | 207.0-207.2 Quartz vein at 80° to core axis with trace pyrite paint and pyrrhotite blebs | 08786F | 206.5 | 207.5 | 1.0 | | 0.002 | | | | |
| | | 207.2-213.0 As 204.8-207.0. | | | | | | | | | | |
| | | 213.0-213.1 Quartz vein at 85° to core axis | 08787F | 212.7 | 213.7 | 1.0 | | 0.002 | | | | |
| | | 213.1-221.0 Massive to weakly banded greenstone flow. Traces epidote after stringer, calcite at 220.5 | | | | | | | | | | |
| | | 221.0-222.1 Two quartz veins, with intervening country-rock for 0.8 ft. Trace pyrite, trace marcasite. | 08788F | 221.0 | 222.1 | 1.1 | | 0.002 | | | | |
| | | 222.1-231.1 As 213.1-221.0. | | | | | | | | | | |
| | | 231.0-231.1 Quartz veinlet | 08789F | 230.8 | 231.8 | 1.0 | | 0.002 | | | | |
| | | 231.1-233.3 As 213.1-221.0 | | | | | | | | | | |
| | | 233.3-233.7 Quartzitic chert flow contact banded at 45° to core axis. | | | | | | | | | | |
| | | 233.7-244.0 Massive fine grained greenstone flow, includes quartz stringer with epidote selvage at 239. (negligible mineralization) | | | | | | | | | | |
| | | 244.0-245.0 Quartz-carbonate vein at 30° to core axis. | 08790F | 244 | 245 | 1.0 | | 0.002 | | | | |

# DIAMOND DRILL RECORD

HOLE Nº: 85-34



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | | Oz/tAu | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 300 | TUDOR VOLCANIC GROUP - Cont'd | | | | | | | | | | |
| | | 245.0-251.2 As 233.7-244.0 with calcite joint fillings. | | | | | | | | | | |
| | | 251.2-252.2 Two cherty flow contacts separated by the greenstone flow | | | | | | | | | | |
| | | 252.2-254.3 | | | | | | | | | | |
| | | 254.3-254.4 Quartz veinlet normal to core axis. Sharp contacts. | 08794F | 254 | 255 | 1.0 | | 0.380 | | | | |
| | | 254.4-260.0 Weakly schisted greenstone flow with traces of sulphides. | | | | | | | | | | |
| | | 260.0-260.7 Quartz carbonate stringer with tour-maline (?). | 08791F | 259.7 | 260.7 | 1.0 | | 0.006 | | | | |
| | | 260.7-266.5 Massive to weakly schisted greenstone with 5% disseminated pyrrhotite | 08792F | 266 | 267 | 1.0 | | 0.002 | | | | |
| | | 266.5-266.6 Quartz veinlet with sharp contacts at 75° to core axis. | | | | | | | | | | |
| | | 266.6-269.4 As 260.7-266.5. | | | | | | | | | | |
| | | 269.4-270.0 Two sulphide rich quartz veinlets with sharp contacts at 75° to core axis. | 08793F | 269.2 | 270.2 | 1.0 | | 0.002 | | | | |
| | | 270.0-277.0 As 260.7-266.5. | | | | | | | | | | |
| | | 277.0-278.7 Well foliated and calcite stringered dike or flow contact or both. Quartzitic chert at 278.7. | | | | | | | | | | |
| | | 278.7-279.2 Greenstone flow as 277.0-278.7 | | | | | | | | | | |
| | | 279.2-279.3 Fault gauge and quartz pyrrhotite mineralization, parallel to schistosity. | | | | | | | | | | |
| | | 279.3-279.7 Greenstone flow, moderate foliation. | | | | | | | | | | |
| | | 279.7-280.0 Quartzitic chert flow contact at 45° to core axis. | | | | | | | | | | |
| | | 280.0-283.0 Well stringered weakly foliated green-stone flow. | | | | | | | | | | |
| | | 283.0-283.1 As 279.7-280.0 at 40° to core axis. | | | | | | | | | | |
| | | 283.1-300.0 Massive to weakly schisted greenstone flow with occasional minor quartz carbonate segregations. | | | | | | | | | | |

END OF DDH #85-34 at 300.0 feet

Project Name BANNOCKBURN NORTHEAST AREA Month Aug. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | Bi ppm |
|---|---|---|---|---|---|---|---|
| 08501F | 85-21 | 102.8-103.8 | 1.0 | ) | <0.002 | | 0.3 |
| 08502F | 85-21 | 103.8-104.8 | 1.0 | )V.G. | 0.088 | | 4.2 |
| 08503F | 85-21 | 104.8-105.8 | 1.0 | ) | <0.002 | | 0.3 |
| 08504F | 85-21 | 107.5-108.5 | 1.0 | | <0.002 | | 0.1 |
| 08505F | 85-21 | 120.5-121.5 | 1.0 | | <0.002 | | 0.1 |
| 08506F | 85-21 | 124.3-125.3 | 1.0 | | <0.002 | | 0.1 |
| 08507F | 85-21 | 154.3-156.2 | 1.9 | | <0.002 | | 0.5 |
| 08508F | 85-21 | 162.0-163.0 | 1.0 | | <0.002 | | 0.3 |
| 08509F | 85-21 | 188.5-189.5 | 1.0 | ) | 0.008 | | -0.5 |
| 08510F | 85-21 | 189.5-191.0 | 1.5 | )V.G. | 0.200 | | 19.0 |
| 08511F | 85-21 | 191.0-192.0 | 1.0 | ) | 0.012 | | 1.0 |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept. Year 85.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08512F | 85-22 | 144.7-145.7 | 1.0 | 0.2 ft. Pyritic quartz | 0.556 | |
| 08513F | 85-22 | 153.0-155.0 | 2.0 | | < 0.003 | |
| 08514F | 85-22 | 275.6-276.6 | 1.0 | | 0.003 | |
| 08515F | 85-22 | 294.8-295.8 | 1.0 | | 0.012 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month SEPT. Year 85.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 08516F | 85-23 | 3.5-4.5 | 1.0 | | <0.003 | | |
| 08517F | 85-23 | 48.0-49.0 | 1.0 | | <0.003 | | |
| 08518F | 85-23 | 59.4-60.4 | ) 1.0 | | <0.003 | | |
| 08519F | 85-23 | 60.4-61.4 | ) 1.0 | | <0.003 | | |
| 08520F | 85-23 | 61.4-62.4 | ) 1.0 | | <0.003 | | |
| 08521F | 85-23 | 104.0-105.0 | 1.0 | | <0.003 | | |
| 08522F | 85-23 | 126.0-127.0 | 1.0 | | <0.003 | | |
| 08523F | 85-23 | 162.7-163.7 | 1.0 | | <0.003 | | |
| 08524F | 85-23 | 183.2-184.2 | 1.0 | | 0.003 | | |
| 08525F | 85-23 | 195.5-197.0 | 1.5 | | 0.003 | | |
| 08526F | 85-23 | 219.0-221.0 | 2.0 | | 0.003 | | |
| 08527F | 85-23 | 228.0-229.0 | 1.0 | | <0.003 | | |
| 08528F | 85-23 | 253.0-254.0 | 1.0 | | 0.098 | | |
| 08529F | 85-23 | 275.2-276.8 | 1.6 | | 0.005 | | |
| 08530F | 85-23 | 297.2-298.2 | 1.0 | | <0.003 | | |
| 08531F | 85-23 | 314.0-315.0 | 1.0 | | <0.003 | | |
| 08532F | 85-23 | 371.3-372.3 | ) 1.0 | | <0.003 | | |
| 08533F | 85-23 | 372.3-373.3 | ) 1.0 | | <0.003 | | |
| 08534F | 85-23 | 373.3-374.3 | ) 1.0 | | 0.003 | | |
| 08535F | 85-23 | 424.0-425.6 | 1.6 | | 0.003 | | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08536F | 85-24 | 6.2-7.2 | 1.0 | | <0.003 | |
| 08537F | 85-24 | 35.0-36.0 | 1.0 | | <0.003 | |
| 08538F | 85-24 | 47.5-48.5 | ) 1.0 | | <0.003 | |
| 08539F | 85-24 | 48.5-49.5 | ) 1.0 | | <0.003 | |
| 08540F | 85-24 | 49.5-50.5 | ) 1.0 | | <0.003 | |
| 08541F | 85-24 | 97.0-98.0 | 1.0 | | <0.003 | |
| 08542F | 85-24 | 101.2-102.5 | 1.3 | | <0.003 | |
| 08543F | 85-24 | 114.0-115.0 | 1.0 | | <0.003 | |
| 085ffF | 85-24 | 147.0-149.1 | 2.1 | | <0.003 | |
| 08545F | 85-24 | 156.4-157.4 | 1.0 | | <0.003 | |
| 08546F | 85-24 | 187.3-188.3 | 1.0 | | <0.003 | |
| 08547F | 85-24 | 197.5-198.5 | 1.0 | | <0.003 | |
| 08548F | 85-24 | 224.7-226.7 | 2.0 | | 0.208 | |
| 08549F | 85-24 | 273.0-274.0 | 1.0 | | 0.003 | |
| 08550F | 85-24 | 280.0-282.3 | 1.3 | | <0.003 | |
| 08551F | 85-24 | 301.0-302.0 | 1.0 | | <0.003 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month SEPT. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 08552F | 85-25 | 36.0-38.0 | 2.0 | | <0.003 | | |
| 08553F | 85-25 | 40.8-41.8 | 1.0 | | <0.003 | | |
| 08554F | 85-25 | 76.2-77.2 | 1.0 | | <0.003 | | |
| 08555F | 85-25 | 79.0-80.0 | 1.0 | | <0.003 | | |
| 08556F | 85-25 | 87.0-88.0 | 1.0 | | <0.003 | | |
| 08557F | 85-25 | 93.0-101.0 | 9.0 | | <0.003 | | |
| 08558F | 85-25 | 131.5-132.5 | 1.0 | | <0.003 | | |
| 08559F | 85-25 | 137.5-138.5 | 1.0 | | <0.003 | | |
| 08566F | 85-25 | 140.0-141.0 | 1.0 | | <0.002 | | |
| 08560F | 85-25 | 147.0-148.0 | 1.0 | | <0.003 | | |
| 08561F | 85-25 | 149.8-150.8 | 1.0 | | <0.002 | | |
| 08562F | 85-25 | 152.0-153.0 | 1.0 | | <0.002 | | |
| 08563F | 85-25 | 164.0-166.0 | 2.0 | | <0.002 | | |
| 08564F | 85-25 | 191.2-192.2 | ) 1.0 | | 0.038 | | |
| 08565F | 85-25 | 192.2-193.2 | ) 1.0 | | 0.002 | | |
| 08567F | 85-25 | 215.3-216.3 | 1.0 | | <0.002 | | |
| 08568F | 85-25 | 266.0-267.2 | 1.2 | | <0.002 | | |
| 08569F | 85-25 | 283.5-284.5 | 1.0 | | <0.002 | | |
| 08570F | 85-25 | 288.9-289.9 | 1.0 | | <0.002 | | |
| 08571F | 85-25 | 315.0-317.0 | 2.0 | | 0.002 | | |
| 08572F | 85-25 | 321.5-324.0 | 2.5 | | 0.002 | | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | Bi ppm |
|---|---|---|---|---|---|---|---|
| 08573F | 85-26 | 18.0-19.0 | 1.0 | | <0.002 | | |
| 08574F | 85-26 | 19.0-20.0 | 1.0 | | <0.002 | | |
| 08575F | 85-26 | 43.4-44.4 | 1.0 | | <0.030 | | |
| 08576F | 85-26 | 51.5-52.5 | 1.0 | | <0.002 | | |
| 08577F | 85-26 | 58.5-59.5 | 1.0 | | < 0.002 | | |
| 08578F | 85-26 | 61.0-62.5 | 1.5 | | < 0.002 | | |
| 08579F | 85-26 | 65.0-66.0 | 1.0 | ) | < 0.002 | | |
| 08580F | 85-26 | 66.0-67.0 | 1.0 | ) V.G. | 1.172 | | 9 |
| 08581F | 85-26 | 67.0-68.0 | 1.0 | ) | 0.042 | | |
| 08582F | 85-26 | 87.7-88.7 | 1.0 | | 0.002 | | |
| 08584F | 85-26 | 134.4-136.2 | 1.8 | | < 0.002 | | |
| 71418 | 85.26 | 147.5-149.0 | 1.5 | | < 0.002 | | |
| 71419 | 85-26 | 156.7-157.7 | 1.0 | | < 0.002 | | |
| 08585F | 85-26 | 200.0-202.0 | 2.0 | ) | 0.050 | | |
| 08586F | 85-26 | 202.0-205.0 | 3.0 | ) | 0.018 | | |
| 08587F | 85-26 | 209.0-210.0 | 1.0 | | 0.004 | | |
| 08645F | 85-26 | 210.5-211.5 | 1.0 | | 0.002 | | |
| 08588F | 85-26 | 248.5-250.5 | 2.0 | | 0.004 | | |
| 08589F | 85-26 | 257.0-258.0 | 1.0 | | 0.008 | | |
| 08590F | 85-26 | 279.0-280.5 | 1.0 | | 0.012 | | |

Project Name BANNOCKBURN, NORTHEAST AREA Month SEPT. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | Bi ppm |
|---|---|---|---|---|---|---|---|
| 08583F | 85-27 | 13.4-14.4 | 1.0 | | <0.002 | | |
| 08591F | 85-27 | 16.4-17.4 | 1.0 | | <0.002 | | |
| 08592F | 85-27 | 45.8-50.8 | 1.0 | | <0.002 | | |
| 08593F | 85-27 | 63.4-64.4 | 1.0 | | <0.002 | | |
| 08594F | 85-27 | 76.8-79.0 | 2.2 | 1160 ppm Cu | 0.042 | | |
| 08595F | 85-27 | 138.0-139.0 | 1.0 | | <0.002 | | |
| 08596F | 85-27 | 174.0-175.0 | 1.0 | | <0.002 | | |
| 08597F | 85-27 | 202.0-203.0 | 1.0 | | <0.002 | | |
| 08598F | 85-27 | 208.5-209.5 | 1.0 | V.G. | 0.156 | | 4. |
| 08599F | 85-27 | 211.0-212.0 | 1.0 | | 0.022 | | |
| 08600F | 85-27 | 213.9-214.9 | 1.0 | | 0.248 | | |
| 08601F | 85-27 | 245.7-246.7 | 1.0 | | 0.006 | | |
| 08602F | 85-27 | 249.5-250.5 | 1.0 | | <0.002 | | |
| 08603F | 85-27 | 255.8-256.8 | 1.0 | V.G. | 0.731 | | 30. |
| 08604F | 85-27 | 259.0-260.0 | 1.0 | V.G. | 0.304 | | 14. |
| 08605F | 85-27 | 267.1-268.1 | 1.0 | | 0.014 | | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08606F | 85-28 | 2.7-3.7 | 1.0 | | 0.002 | |
| 08607F | 85-28 | 14.0-15.0 | 1.0 | | 0.016 | |
| 08608F | 85-28 | 47.5-48.5 | 1.0 | | 0.010 | |
| 08609F | 85-28 | 64.1-65.1 | 1.0 | | < 0.002 | |
| 08610F | 85-28 | 68.5-69.5 | 1.0 | | 0.010 | |
| 08611F | 85-28 | 70.7-71.7 | 1.0 | | 0.002 | |
| 08612F | 85-28 | 77.5-79.0 | 1.5 | | 0.002 | |
| 08613F | 85-28 | 86.5-87.5 | 1.0 | | 0.002 | |
| 08614F | 85-28 | 93.9-95.0 | 1.1 | ) | 0.004 | |
| 08615F | 85-28 | 95.0-96.0 | 1.0 | ) | 0.002 | |
| 08616F | 85-28 | 147.0-149.0 | 2.0 | | 0.058 | |
| 08617F | 85-28 | 190.3-191.3 | 1.0 | | < 0.002 | |
| 08618F | 85-28 | 203.5-204.7 | 1.2 | | < 0.002 | |
| 08619F | 85-28 | 212.5-213.5 | 1.0 | | < 0.002 | |
| 08620F | 85-28 | 219.0-220.0 | 1.0 | | < 0.002 | |
| 08621F | 85-28 | 222.3-223.3 | 1.0 | | 0.002 | |
| 08622F | 85-28 | 251.8-253.3 | 1.5 | | 0.338 | |
| 08623F | 85-28 | 265.3-266.3 | 1.0 | | 0.008 | |
| 08624F | 85-28 | 269.1-270.1 | 1.0 | | 0.002 | |
| 08625F | 85-28 | 290.4-291.4 | 1.0 | | 0.004 | |
| 08626F | 85-28 | 302.5-303.5 | 1.0 | | 0.006 | |
| 08627F | 85-28 | 304.0-305.2 | 1.2 | | 0.003 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month SEPT. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08628F | 85-29 | 3.0-4.0 | 1.0 | | <0.002 | |
| 08629F | 85-29 | 18.5-19.5 | 1.0 | | <0.002 | |
| 08630F | 85-29 | 46.0-47.0 | 1.0 | | <0.002 | |
| 08631F | 85-29 | 48.5-49.5 | 1.0 | | <0.002 | |
| 08632F | 85-29 | 568.0-69.0 | 1.0 | | <0.002 | |
| 08633F | 85-29 | 128.3-129.8 | 1.0 | | <0.002 | |
| 08634F | 85-29 | 139.8-140.8 | 1.0 | | <0.002 | |
| 08635F | 85-29 | 167.2-168.2 | 1.0 | | <0.002 | |
| 08636F | 85-29 | 167.5-168.5 | 1.0 | | <0.002 | |
| 08637F | 85-29 | 186.0-187.0 | 1.0 | | 0.008 | |
| 08638F | 85-29 | 194.5-195.5 | 1.0 | | <0.002 | |
| 08639F | 85-29 | 203.0-204.0 | 1.0 | | <0.002 | |
| 08640F | 85-29 | 218.0-219.0 | 1.0 | | <0.002 | |
| 08641F | 85-29 | 249.0-250.0 | 1.0 | | <0.002 | |
| 08642F | 85-29 | 267.5-268.5 | 1.0 | | <0.002 | |
| 08643F | 85-29 | 277.3-278.3 | 1.0 | | <0.002 | |
| 08644F | 85-29 | 300.3-301.3 | 1.0 | | 0.002 | |
| 08646F | 85-29 | 312.8-314.2 | 1.4 | | <0.002 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month SEPT Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08647F | 85-30 | 44.4-45.4 | 1.0 | | <0.002 | |
| 08648F | 85-30 | 65.0-66.0 | 1.0 | ) | <0.002 | |
| 08649F | 85-30 | 66.0-67.3 | 1.3 | ) | <0.002 | |
| 08650F | 85-30 | 81.3-81.7 | 1.4 | | 0.002 | |
| 08651F | 85-30 | 99.0-100.0 | 1.0 | | 0.002 | |
| 08652F | 85-30 | 107.2-108.2 | 1.0 | | <0.002 | |
| 08653F | 85-30 | 118.4-119.4 | 1.0 | | <0.002 | |
| 08654F | 85-30 | 122.5-123.5 | 1.0 | | <0.002 | |
| 08655F | 85-30 | 135.3-136.3 | 1.0 | | <0.002 | |
| 08656F | 85-30 | 152.0-153.0 | 1.0 | | <0.002 | |
| 08657F | 85-30 | 196.0-197.0 | 1.0 | | <0.002 | |
| 08658F | 85-30 | 213.5-214.5 | 1.0 | | <0.002 | |
| 08659F | 85-30 | 217.0-218.0 | 1.0 | | <0.002 | |
| 08660F | 85-30 | 232.0-234.0 | 1.0 | | <0.002 | |
| 08661F | 85-30 | 243.0-244.0 | 1.0 | | 0.004 | |
| 08662F | 85-30 | 248.5-249.5 | 1.0 | | 0.192 | |
| 08663F | 85-30 | 249.9-250.9 | 1.0 | | 0.010 | |
| 08664F | 85-30 | 270.0-271.0 | 1.0 | | <0.002 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08665F | 85-31 | 18.5-19.5 | 1.0 | | <0.002 | |
| 08666F | 85-31 | 62.0-63.0 | 1.0 | | <0.002 | |
| 08667F | 85-31 | 63.7-64.7 | 1.0 | ) | <0.002 | |
| 08668F | 85-31 | 64.7-65.7 | 1.0 | ) | <0.002 | |
| 08669F | 85-31 | 68.8-69.5 | 1.3 | | <0.002 | |
| 08670F | 85-31 | 71.5-72.5 | 1.0 | | <0.002 | |
| 08671F | 85-31 | 73.0-74.0 | 1.0 | | <0.002 | |
| 08672F | 85-31 | 79.8-80.8 | 1.0 | | 0.018 | |
| 08673F | 85-31 | 90.7-91.7 | 1.0 | | 0.110 | |
| 08674F | 85-31 | 95.0-96.0 | 1.0 | | <0.002 | |
| 08675F | 85-31 | 112.3-113.3 | 1.0 | | <0.002 | |
| 08676F | 85-31 | 114.2-115.2 | 1.0 | | <0.002 | |
| 08677F | 85-31 | 115.5-116.5 | 1.0 | | <0.002 | |
| 08678F | 85-31 | 118.0-119.0 | 1.0 | | <0.002 | |
| 08679F | 85-31 | 122.0-123.0 | 1.0 | | <0.002 | |
| 08680F | 85-31 | 144.0-145.0 | 1.0 | | 0.002 | |
| 08681F | 85-31 | 151.5-152.5 | 1.0 | | <0.002 | |
| 08682F | 85-31 | 216.5-217.5 | 1.0 | | <0.002 | |
| 08683F | 85-31 | 269.2-270.2 | 1.0 | | <0.002 | |
| 08684F | 85-31 | 280.3-281.3 | 1.0 | | <0.002 | |
| 08685F | 85-31 | 353.0-354.0 | 1.0 | | <0.002 | |
| 08686F | 85-31 | 361.0-362.0 | 1.0 | | 0.016 | |
| 08687F | 85-31 | 366.0-367.0 | 1.0 | | <0.002 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 08688F | 85-32 | 5.5-6.5 | 1.0 | | 0.010 | |
| 08689F | 85-32 | 8.5-9.5 | 1.0 | | <0.002 | |
| 08690F | 85-32 | 17.2-18.2 | 1.0 | | Missing | Sample |
| 08691F | 85-32 | 20.1-21.1 | 1.0 | | <0.002 | |
| 08692F | 85-32 | 42.5-43.5 | 1.0 | | <0.002 | |
| 08693F | 85-32 | 44.0-45.0 | 1.0 | | 0.030 | |
| 08694F | 85-32 | 50.0-51.0 | 1.0 | | 0.028 | |
| 08695F | 85-32 | 54.3-56.0 | 1.7 | | 0.008 | |
| 71401 | 85-32 | 57.5-58.5 | 1.0 | | 0.002 | |
| 71403 | 85-32 | 67.9-68.9 | 1.0 | | 0.012 | |
| 71402 | 85-32 | 69.3-70.3 | 1.0 | | 0.020 | |
| 71404 | 85-32 | 78.5-79.5 | 1.0 | | 0.002 | |
| 71405 | 85-32 | 83.0-84.0 | 1.0 | | 0.002 | |
| 71406 | 85-32 | 139.1-140.1 | 1.0 | | 0.010 | |
| 71407 | 85-32 | 141.0-142.1 | 1.1 | | <0.002 | |
| 71408 | 85-32 | 146.5-147.5 | 1.0 | | <0.002 | |
| 71409 | 85-32 | 151.7-152.7 | 1.0 | | <0.002 | |
| 71410 | 85-32 | 154.0-155.0 | 1.0 | | <0.002 | |
| 71411 | 85-32 | 197.3-198.3 | 1.0 | | 0.004 | |
| 71412 | 85-32 | 201.7-202.7 | 1.0 | | <0.002 | |
| 71416 | 85-32 | 211.5-212.5 | 1.0 | | 0.004 | |
| 71413 | 85-32 | 241.5-244.0 | ) 2.5 | | 0.002 | |
| 71414 | 85-32 | 244.0-245.0 | ) 1.0 | | <0.002 | |
| 71415 | 85-32 | 265.1-266.2 | 1.1 | | 0.002 | |
| 71417 | 85-32 | 278.5-239.5 | 1.0 | | 0.002 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept. Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| New Assays | | | | | | |
| 08699F | 85-16 | 248.0-249.0 | 1.0 | | 0.004 | |
| 08698F | 85-16 | 250.0-251.0 | 1.0 | | 3.016 | |
| 08697F | 85-16 | 252.3-253.3 | 1.0 | | 0.064 | |
| 08696F | 85-16 | 255.3-257.0 | 1.7 | | 0.004 | |
| ReAssay | | | | | | |
| 08700F | 85-18 | 168.0-169.2 | 1.2 | | 0.004 | |

Project Name BANNOCKBURN, NORTHEAST AREA Month Sept Year 85

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 08751F | 85-33 | 39.4-40.4 | 1.0 | | 0.014 | | |
| 08752F | 85-33 | 72.0-73.0 | 1.0 | | 0.008 | | |
| 08753F | 85-33 | 81.8-82.8 | 1.0 | | <0.002 | | |
| 08754F | 85-33 | 135.0-136.0 | 1.0 | | <0.002 | | |
| 08755F | 85-33 | 143.0-144.0 | 1.0 | | <0.002 | | |
| 08756F | 85-33 | 145.7-146.7 | 1.0 | | 0.006 | | |
| 08757F | 85-33 | 160.6-161.6 | 1.0 | | 0.004 | | |
| 08758F | 85-33 | 165.4-166.4 | 1.0 | | 0.006 | | |
| 08759F | 85-33 | 174.4-175.4 | 1.0 | | <0.002 | | |
| 08760F | 85-33 | 184.0-185.0 | 1.0 | | 0.002 | | |
| 08761F | 85-33 | 188.3-189.3 | 1.0 | | <0.002 | | |
| 08762F | 85-33 | 190.5-191.5 | 1.0 | | <0.002 | | |
| 08763F | 85-33 | 201.0-204.7 | 3.7 | | <0.002 | | |
| 08764F | 85-33 | 205.5-206.5 | 1.0 | | <0.002 | | |
| 08765F | 85-33 | 243.4-244.4 | 1.0 | | <0.002 | | |
| 08766F | 85-33 | 258.1-259.1 | 1.0 | | 0.002 | | |

Project Name Month Year

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 08767F | 85-34 | 31.6-32.6 | 1.0 | | <0.002 | | |
| 08768F | 85-34 | 36.9-37.9 | 1.0 | | <0.002 | | |
| 08769F | 85-34 | 41.5-42.5 | 1.0 | | 0.068 | | |
| 08770F | 85-34 | 67.5-68.5 | 1.0 | | <0.002 | | |
| 08771F | 85-34 | 71.5-72.5 | 1.0 | | 0.002 | | |
| 08772F | 85-34 | 77.5-78.5 | 1.0 | | 0.008 | | |
| 08773F | 85-34 | 88.0-89.0 | 1.0 | | 0.002 | | |
| 08774F | 85-34 | 100.9-101.9 | 1.0 | | 0.024 | | |
| 08775F | 85-34 | 124.0-126.0 | 2.0 | ) | <0.002 | | |
| 08776F | 85-34 | 126.0-127.3 | 1.3 | ) | <0.002 | | |
| 08777F | 85-34 | 132.2-133.2 | 1.0 | | 0.002 | | |
| 08778F | 85-34 | 143.0-144.0 | 1.0 | | <0.002 | | |
| 08779F | 85-34 | 144.0-145.0 | 1.0 | | 0.012 | | |
| 08780F | 85-34 | 169.5-170.5 | 1.0 | | 0.006 | | |
| 08781F | 85-34 | 176.1-177.1 | 1.0 | | 0.004 | | |
| 08782F | 85-34 | 180.0-183.1 | 3.1 | | 0.008 | | |
| 08783F | 85-34 | 192.8-195.0 | 2.2 | | 0.002 | | |
| 08784F | 85-34 | 202.7-203.7 | 1.0 | | 0.002 | | |
| 08785F | 85-34 | 204.2-205.2 | 1.0 | | 0.002 | | |
| 08786F | 85-34 | 206.5-207.5 | 1.0 | | <0.002 | | |
| 08787F | 85-34 | 212.7-213.7 | 1.0 | | <0.002 | | |
| 08788F | 85-34 | 221.0-222.1 | 1.1 | | 0.002 | | |
| 08789F | 85-34 | 230.8-231.8 | 1.0 | | 0.002 | | |
| 08790F | 85-34 | 244.0-245.0 | 1.0 | | 0.002 | | |
| 08794F | 85-34 | 254.0-255.0 | 1.0 | | 0.380 | | |
| 08791F | 85-34 | 259.7-260.7 | 1.0 | | 0.006 | | |
| 08792F | 85-34 | 266.0-267.0 | 1.0 | | <0.002 | | |
| 08793F | 85-34 | 269.2-270.2 | 1.0 | | <0.002 | | |

63.4698

MONO GOLD MINES INC.
709 - 837 WEST HASTINGS STREET
VANCOUVER, B.C. V6C 1B6
TEL: (604) 688-0071

31C12NE0036 63.4698 MADOC

070

**BY: COURIER**

October 20, 1986.

Mr. James Boyd
OMEP Office
Ontario Ministry of Northern Development & Mines
Room 4650
Whitney Block
99 Wellesley
Toronto, Ontario
M7A 1W3

Dear Sir,

Re: Mono Gold Mines Inc.
Designation Numbers OM85-9-C-142 &
OM85-9-P-253
Bannockburn Property, Madoc Township,
Ontario

With respect to your request for copies of drill logs covering holes 1 to 49 you will find the same enclosed in duplicate.

Yours sincerely,

MONO GOLD MINES INC.

W.S. Irwin
Secretary

c/c/ Wm. A. Luney
Maitland & Company

WSI/tno

Enclosures

MONO GOLD MINES INC.

BANNOCKBURN MINE PROPERTY

Madoc Township, Ontario

DIAMOND DRILL LOGS

DDH #85-35 to DDH #85-42 inclusive

and

DDH #85-44,45,47&48

Appendix V

To accompany Report by

Brian R. King, Geologist

dated March 27, 1986

63.4698

**BEAVON CONSULTING LIMITED**

**DIAMOND DRILL RECORD**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION: | West Grid 325E 1200N | | | | | HOLE Nº: | 85-35 |
| AZIMUTH: | 261° | | | | | PROPERTY: | BANNOCKBURN |
| DIP: | -45° | LENGTH: | 430 | ELEVATION: | | CLAIM Nº: | Lloyd Patent |
| STARTED: | 30 Oct. 1985 | CORE SIZE: | BQ | DATE LOGGED: | Nov. 1, 1985 | SECTION: | 1200N West Grid |
| COMPLETED: | 1 Nov. 1985 | DIP TESTS: | 430 ft. = 42½° | | | LOGGED BY: | R.V. Beavon |
| PURPOSE: | Test geochemical anomaly (soil) | | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi/ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 4.5 | Casing | | | | | | | | | | |
| 4.5 | 10.3 | CHERTY ARGILLITES WITH LIMY SECTIONS. Apparently unfoliated well banded metasediments, fine grained in part with epidote alteration. Minor leaching of limy sections including epidosite. Core (bedding) angle at 35° to core axis. | | | | | | | | | | |
| 10.3 | 12.1 | Highly chloritized lamprophyre (?) Fine grained and lacking foliation. | | | | | | | | | | |
| 12.1 | 25.5 | As 4.5-10.3 including quartzitic chert horizons. Heavy sulphides (pyrite) at 14-15, and 24.8-25.5. Includes mottled biotite spotted quartzites after cherty argillites. | | | | | | | | | | |
| 25.5 | 36.4 | Banded epidosites and fine grained biotitic argillites. Light buff epidosites contrast with dark brown argillites. Traces pyrite throughout. | | | | | | | | | | |
| 36.4 | 38.4 | Silicified cherty quartzite mixed with quartz vein and pyritic cherty argillite. | 08801F | 36.4 | 38.4 | 2.0 | <0.002 | 0.1 | | | | |
| 38.4 | 45.3 | Cherty argillites with occasional epidosite bands, sometimes parallel to core axis. 5% pyrite in disseminated crystals. Trace of foliation in some cherty argillite beds. | | | | | | | | | | |
| 45.3 | 46.3 | Mottled quartz-biotite sill parallel to bedding of metasediments. Massive and without foliation. | | | | | | | | | | |
| 46.3 | 47.3 | Microsyenite: mixed quartz-biotite sill and quartz vein with 15% pyrite. Approximately 0.3 ft. quartz milky white with bluish patches and carbonate. Sharp contact at 60° to core axis. | 08802F | 46.4 | 47.4 | 1.0 | 0.002 | 0.1 | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE №: 85-35



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE № | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 47.3 | 50.2 | QUARTZ BIOTITE SILL: As 45.3-46.3 with drusy pyrite-quartz veinlet at 48.7, coated with lime carbonate. Sharp contact normal to core axis at 50.2 with narrow quartz segregation. | 08803F | 48.2 | 49.2 | 1.0 | 0.002 | 6.1 |
| 50.2 | 62.8 | Massive to well-banded cherty quartzites with occasional epidotized sections (fine grained epidosite). Banding at 45 to 60° to core axis. Feathery biotite quartzite after sedimentary amphibolite at 54 to 55. Pseudo-graphic inter-growth of quartz epidote in some of the altered sections. Sample at 57.5-58.5 includes epidosite and quartz veinlets with trace pyrite and carbonate. | 08804F | 57.5 | 58.5 | 1.0 | 0.002 | 7.2 |
| | | 60.3-62.1 Mixed cherty quartzite and quartz vein material, sharp lower contact at 50° to core axis. | 08805F | 60.3 | 62.1 | 1.8 | 0.002 | 0.1 |
| 62.8 | 65.5 | Quartz microsyenite dike at high angle to core axis Lacks good chill zones. Includes biotite and traces pyrite (disseminated). Lower contact transgresses metasedimentary banding at 60°. Peg-matitic section at 63.0. | | | | | | |
| 65.5 | 89.4 | Mainly grey cherty quartzites, biotitic in part and becoming finely garnetiferous at 79. Rare epidote alteration. | | | | | | |
| 89.4 | 89.8 | Massive white quartz vein with sharp contacts at 65 - 70° to core axis. Trace pyrite paint and weak carbonate along selvages and in quartz. | 08806F | 89.0 | 90.0 | 1.0 | 0.002 | 0.2 |
| 89.8 | 93.6 | As 65.5-89.4 with abundant epidotized carbonate beds | | | | | | |
| 93.6 | 93.9 | Quartz veinlet at 50 to 45° to core axis | 08807F | 93.2 | 94.2 | 1.0 | 0.002 | 0.1 |
| 93.9 | 105.7 | As 65.5-89.4 but becoming biotitic in places, well banded and trace pyrite throughout. | | | | | | |
| 105.7 | 106.5 | Foliated biotitized green dike with bluish cherty inclusions of country-rock(?) Upper contact transgressive. | | | | | | |
| 106.5 | 131.5 | As 65.5-89.4 without garnets. Well banded cherty quartzites and biotite quartzites with occasional short epidotized carbonate sections. Banding at 50° to core axis. Minor quartz veinlet at 107.1 at 30° to | 08808F | 106.5 | 107.5 | 1.0 | 0.002 | 0.2 |

# BEAVON CONSULTING LIMITED

DIAMOND DRILL RECORD

HOLE Nº: 85-35



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 131.5 | 159.4 | Interbedded and partly contorted epidotized carbonate beds with cherty and biotitic quartzites (in part garnetiferous). Epidotized sections include calcite marbles at 153, 155 and 157. Occasional pyrrhotite blebs and paint. | | | | | | | | | | |
| 159.4 | 162.0 | Aplitic dike or segregation mottled with biotite. Contacts normal to core axis and transgress bedding of metasediments. | | | | | | | | | | |
| 162.0 | 192.0 | As 131.5-159.4 with occasional scattered pyrrhotite. Rare marbles and fairly common silicified epidotized sections. Banding at 40° to core axis. | | | | | | | | | | |
| 192.0 | 204.0 | Weakly folded, well banded cherty and biotitic quartzites with occasional biotite aplo-syenite sections up to 0.2 ft. wide. Core angle (bedding) sub parallel to core axis. | | | | | | | | | | |
| 204.0 | 220.2 | Well banded quartzites and semipelites with bedding at 35° to core axis. | | | | | | | | | | |
| 220.2 | 221.3 | Green dike. Well foliated biotitic green dike with contacts normal to core axis. | | | | | | | | | | |
| 221.3 | 227.5 | Weakly garnetiferous dark grey semipelites with occasional quartzitic bands. | | | | | | | | | | |
| 227.5 | 228.0 | Microsysenite dike with contacts normal to core axis. Composed of quartz-feldspar-biotite intergrowths. Occasional planar vugs or miarolitic cavitites containing pyrite epidote(?) and a finely acicular mineral. (bismuthinite?) | | | | | | | | | | |
| 228.0 | 230.7 | Metasediments - Biotitic fine grained quartzite and and silicified carbonate. | | | | | | | | | | |
| 230.7 | 231.7 | Sulphide Zone in Metasediments with heavy pyrite and irregular quartz veining at 231.2 | 08809F | 230.7 | 231.7 | 1.0 | 0.002 | 70.0 | | | | |
| 231.7 | 235.5 | Metasediments including coarsely biotitized quartzites. Well banded and folded in open structures. | | | | | | | | | | |
| 235.5 | 238.0 | Silicified and epidotized fine grained carbonate beds. | | | | | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE Nº: 85-35



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 238.0 | 271.5 | Fine grained cherty quartzites and biotite quartzites with occasional silicified carbonate sections. Well banded throughout at 35° to 25° to core axis. Weakly disseminated pyrite throughout. | | | | | | |
| 271.5 | 271.6 | Quartz tourmaline veinlet at 25° to core axis Siliceous alteration with pyrite (20%) extends for 1 ft. on either side of veinlet. | 08816F | 271.5 | 271.6 | 0.1 | 0.002 | 0.1 |
| 271.6 | 273.2 | Metasediments as 238-271.5. | | | | | | |
| 273.2 | 274.5 | Microdiorite dike normal to core axis | | | | | | |
| 274.5 | 282.1 | As 238-271.5. | | | | | | |
| ~~282.1~~ | ~~282.5~~ | ~~Mixed quartz vein, tourmaline schorl and chloritized country-rock.~~ | ~~08810F~~ | ~~281.8~~ | ~~282.8~~ | ~~1.0~~ | ~~0.002~~ | 19.0 |
| 282.5 | 289.0 | Mainly dark grey metasediments with occasional aplitic sweats. | | | | | | |
| 289.0 | 289.5 | Quartz-tourmaline vein at 45-55° to core axis. | 08811F | 287.7 | 288.7 | 1.0 | 0.002 | 0.5 |
| | | Country-rock on either side well pyritized. | 08812F | 288.7 | 289.7 | 1.0 | 0.002 | 0.2 |
| 289.5 | 289.9 | Metasediments with blue quartz streaks, 10% pyrite | | | | | | |
| 289.9 | 290.2 | Granitic (microgranite) dikelet. trace pyrite. | | | | | | |
| 290.2 | 295.3 | Carbonate Metasediments, strongly silicified well banded, contorted, and showing evidence of interference folding. | | | | | | |
| 295.3 | 302.5 | Metasediments fine grained well bedded argillaceous quartzites showing alteration haloes. | | | | | | |
| 302.5 | 303.5 | Microsyenite dikelet with xenolith of country-rock. Up to 15% disseminated pyrite. Contacts indistinct. Blue quartz splashes at 303.5. | | | | | | |
| 303.5 | 306.0 | Metasediments as 295.3-302.5. | | | | | | |
| 306.0 | 307.0 | Mixed metasediments and quartz stringers | 08813F | 306.0 | 307.3 | 1.3 | 0.002 | 1.5 |
| 307.0 | 307.3 | Microsyenite as irregular dikelet | 08814F | 307.3 | 309.3 | 2.0 | 0.002 | 0.1 |
| 307.3 | 309.4 | Quartz-carbonate tourmaline (epid.) schorl vein with very fine grained pyritic disseminations. Contacts 35° and normal to core axis. Up to 50% tourmaline. | | | | | | |
| 309.4 | 310.0 | Metasediments as 295.3-302.5. | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE Nº: 85-35



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 310.0 | 310.9 | Mafic dike, well foliated biotitized green dike. Contacts normal and 65° to core axis. | | | | | | |
| 310.9 | 325.5 | Metasediments - mixed argillic quartzites and silicified carbonate beds. Well banded at 40° to 80° to core axis. | | | | | | |
| 325.5 | 327.5 | Microsyenite - very blocky core due to vugginess of microdiorite. Vugs contain drusy pyrite, quartz, epidote (?) and black non-magnetic lustrous mineral (biotite?) | 08815F | 325.5 | 327.5 | 2.0 | 0.002 | 18.0 |
| 327.5 | 344.0 | Metasediments (contact altered) as 310.9-325.5 with occasional alteration haloes around veinlets. | | | | | | |
| 344.0 | 349.0 | Microsyenite with miarolitic cavities. Quartz feldspar biotite rock of medium to fine grain size. Lacks foliation entirely (blocky core). Contacts apparently gradational at 344 and 349. Trace of pyrite. | | | | | | |
| 349.0 | 353.2 | Biotitic quartzites with occasional epidotized carbonate lenses. | | | | | | |
| 353.2 | 356.0 | Microsyenite with sandy texture and miarolitic cavities. Blocky core throughout. 20% finely disseminated pyrite. | | | | | | |
| 356.0 | 361.3 | Metasediments, highly altered in short sections, otherwise similar to 349-353.2. | 08817F | 354.0 | 356.0 | 2.0 | 0.002 | 37.0 |
| 361.3 | 362.2 | Quartz vein at 25° to core axis. Translucent grey glassy quartz with negligible mineralization. | 08818F | 361.0 | 362.0 | 1.0 | 0.002 | 0.5 |
| 362.2 | 363.0 | Metasediments - biotite quartzite. | | | | | | |
| 363.0 | 364.0 | Massive microgranite with trace saussurite - lacking cavities. | | | | | | |
| 364.0 | 369.5 | Metasediments - fine grained cherty argillites and biotitic quartzites with traces pyrite. | | | | | | |
| 369.5 | 370.0 | Irregular quartz veinlet associated with slip on joints at high angle to core. Trace pyrite. | 08819F | 369.2 | 370.2 | 1.0 | 0.002 | 0.1 |
| 370.0 | 392.0 | Metasediments - argillaceous or semipelitic quartzites with bedding parallel to core axis. Occasional aplitic sweats. Scattered 5% pyrite. | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 392.0 | 393.0 | Quartz-tourmaline-pyrite vein and .3 ft of country-rock. High specific gravity (Barite?) | 08820F | 392.0 | 293.0 | 1.0 | 0.002 | 0.5 |
| 393.0 | 404.0 | Altered metasediments mostly biotite quartzites with minor epidotized carbonate sections. | | | | | | |
| 404.0 | 405.0 | Heavily epidotized silicified and vuggy meta-sediments. Carbonate? leached out of vugs. | | | | | | |
| 405.0 | 408.0 | Metasediments | | | | | | |
| 408.0 | 409.0 | Pink carbonate vein with pyritic selvage including tourmaline. | 08821F | 404.0 | 405.0 | 1.0 | 0.002 | 0.5 |
| 409.0 | 414.5 | Altered metasediments, as 393.0-404.0 | 08822F | 408.0 | 409.0 | 1.0 | 0.002 | 1.5 |
| 414.5 | 416.5 | Mixed microgranite and metasediments, blocky core due to vugginess of microgranite. | | | | | | |
| 416.5 | 419.0 | Metasediments as 404-415.5 | 08823F | 415.0 | 416.0 | 1.0 | 0.002 | 0.1 |
| 419.0 | 422.5 | Microsyenite, sandy textured, causing blocky core and poor recovery due to pyritic and epidotic areas and vugs. | 08824F | 419.0 | 423.0 | 4.0 | 0.002 | 0.1 |
| | | | 08825F | 427.0 | 429.0 | 2.0 | 0.002 | 0.1 |
| 422.5 | 426.0 | Mixed microsyenite and metasediments that are intimately veined and soaked with granite. | | | | | | |
| 426.0 | 427.9 | Microsyenite, blocky core with weakly disseminated pyrite. | | | | | | |
| 427.9 | 428.3 | Metasediment altered as 405-414.5. | | | | | | |
| 428.3 | 429.0 | Microsyenite, blocky core with weakly disseminated pyrite. | | | | | | |
| 429.0 | 430.0 | Altered metasediments as 405-414.5 with pyrite and epidote stringers. | | | | | | |
| 430.0 | 440.0 | Lost Core - Hole abandoned at 430.0 ft. | | | | | | |
| | | END OF DDH 85-35 at 430 feet. | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION: | West Grid 320E 1200N | | | | | HOLE No: | 85-36 |
| AZIMUTH: | 261° | | | | | PROPERTY: | BANNOCKBURN |
| DIP: | -70° | LENGTH: | 406' | ELEVATION: | | CLAIM No: | Lloyd Patent |
| STARTED: | Nov. 3/85 | CORE SIZE: | BQ | DATE LOGGED: | Nov. 3/85 | SECTION: | 12N |
| COMPLETED: | Nov. 5/85 | DIP TESTS: | 406' = -70° | | | LOGGED BY: | R.V. Beavon |
| PURPOSE: | Check section of geochemical anomaly | | | | | | |

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No: | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 12.0 | Casing | | | | | | | | | | |
| 12.0 | 22.5 | Metasediments - unaltered dark grey biotitic quartzites - semi-pelitic. | | | | | | | | | | |
| 22.5 | 28.7 | Silicified bleached metasediments with good banding sub parallel to core axis. Weak cleavage. Red | 08826F | 26.7 | 27.7 | 1.0 | 0.003 | 0.3 | | | | |
| | | staining. Pyritized at 28.0 with quartz stringer | 08827F | 27.7 | 28.7 | 1.0 | <0.0006 | 0.5 | | | | |
| | | and reddish alterations (hematitic). Trace of galena. | 08828F | 28.7 | 29.7 | 1.0 | <0.0006 | 0.5 | | | | |
| 28.7 | 31.5 | Biotitic quartzites. | | | | | | | | | | |
| 31.5 | 33.6 | Bleached metasediments (with epidote), scattered traces pyrite. | | | | | | | | | | |
| 33.6 | 36.0 | Metasediments - massive grey granular quartzite with negligible bedding. | | | | | | | | | | |
| 36.0 | 40.0 | Metasediments - bleached and well banded with trace foliation, though massive throughout. | 08829F | 39.5 | 40.5 | 1.0 | 0.0006 | 0.4 | | | | |
| 40.0 | 40.1 | Quartz veinlet at 35° to core axis, trace pyrite. | | | | | | | | | | |
| 40.1 | 43.0 | Metasediments - cherty grey quartzite. | | | | | | | | | | |
| 43.0 | 51.0 | Metasediments bleached in part and banded sub - parallel to core axis, up to 5% disseminated pyrite throughout mainly in darker bands. Trace pyrrhotite on drusy joint at 49.5. | | | | | | | | | | |
| 51.0 | 52.5 | Unbleached cherty quartzite. | | | | | | | | | | |
| 52.5 | 53.5 | Bleached and weakly epidotized cherty quartzite banded parallel to core axis. | | | | | | | | | | |
| 53.5 | 66.1 | Metasediments: grey weakly biotitic quartzites, with carbonate spots, weakly banded sub parallel to core axis. Mineralized siliceous vug (0.1 ft. diam) at 58 with moderate fine pyrite. Also contains | | | | | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE Nº: 85-36



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66.1 | 66.5 | Quartz vein at 35° to core axis | | | | | | | | | | |
| 66.5 | 67.2 | Pyritized metasediment and 0.5 ft. pyritic marble | 08830F | 65.5 | 67.2 | 1.7 | 0.0006 | 10.1 | | | | |
| 67.2 | 72.0 | Biotitic quartzite, massive and banded parallel to core axis. | | | | | | | | | | |
| 72.0 | 73.5 | As 70.2-72.0 with two quartz veinlets, trace of pyrite. | 08831F | 72.0 | 73.5 | 1.5 | 0.0006 | 0.5 | | | | |
| 73.5 | 81.0 | Quartzite as 70.2-72.0. | | | | | | | | | | |
| 81.0 | 86.0 | Metasediments - extremely siliceous banded chert. Very fine grained with slight bluish tinge. | | | | | | | | | | |
| 86.0 | 86.1 | Quartz veinlet with pyrite in country-rock | 08832F | 85.6 | 86.6 | 1.0 | 0.0006 | 0.4 | | | | |
| 86.1 | 90.8 | Metasediments - carbonate spotted biotite quartzites | | | | | | | | | | |
| 90.8 | 95.8 | Felsic dike, medium to fine grained with pegmatite phase with pink feldspar and blue quartz near upper contact. Contacts almost normal to core axis. | 08833F | 90.0 | 91.0 | 1.0 | 0.0006 | 0.4 | | | | |
| 95.8 | 96.6 | Probable mafic dike (?) or sill | | | | | | | | | | |
| 96.6 | 98.0 | Metasediments - mixed bleached and grey quartzite | | | | | | | | | | |
| 98.0 | 98.2 | White quartz vein at 85° to core axis. | 08834F | 97.6 | 98.6 | 1.0 | 0.0006 | 0.6 | | | | |
| 98.2 | 116.9 | Metasediments. Alternating bleached and normal quartzites, banded parallel to core axis. Weak brecciation at 115.3. Drusy calcite at 114. | | | | | | | | | | |
| 116.9 | 117.0 | Quartz stringer with heavy pyrite | 08835F | 116.0 | 117.0 | 1.0 | 0.0006 | 0.3 | | | | |
| 117.0 | 119.0 | Mottled recemented breccia zone. | | | | | | | | | | |
| 119.0 | 147.0 | Metasediments well banded cherty quartzites and silicified bleached former carbonate (?) zones. Banding sub parallel to core axis. Quartzite bluish quartz near dike contact (in country-rock) | | | | | | | | | | |
| 147.0 | 148.6 | Mafic dike or sill with weak quartz stringers. Contact sub parallel to core axis. | | | | | | | | | | |
| 148.6 | 166.0 | Metasediments - alternating cherty quartzites silicified carbonates, banded at 25° to core axis. Includes biotitic quartzites. | | | | | | | | | | |
| 166.0 | 175.9 | Metasediments, mottled with garnets in places, otherwise as 148.6-166.0. | | | | | | | | | | |
| 175.9 | 177.1 | Fine grained silicified recemented breccia with angular fragments of country-rock - secondary biotite in matrix. | | | | | | | | | | |

# BEAVON CONSULTING LIMITED
## DIAMOND DRILL RECORD

HOLE Nº: 85-36



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 177.1 | 215.4 | Metasediments. Garnetiferous quartzitic cherts. Well developed garnets at 180, trace pyrrhotite at 182, possible carbonated fault slip at 188. Normal to core axis. Well banded at 25° to core axis. Silicified at 190.5-191.5. Silicification related to minor cross faults at right angles to bedding. Minor quartz segregation at 193. Evidence of gentle folding in core. | 08836F | 189.5 | 190.5 | 1.0 | 0.0006 | 0.3 | | | | |
| 215.4 | 215.5 | Quartz-chlorite-carbonate veinlet at 45° to core axis, trace pyrite, minor silicification. | | | | | | | | | | |
| 215.5 | 216.6 | Silicified metasediments with traces of tourmaline | 08837F | 215.0 | 216.0 | 1.0 | 0.0006 | 0.3 | | | | |
| | | in minor quartz-carbonate stringer normal to core axis. | 08838F | 216.0 | 217.0 | 1.0 | 0.0006 | 0.4 | | | | |
| 216.6 | 216.7 | Carbonate (dolomite) veinlet at 20° to core axis. Coarsely crystalline. Trace pyrite. | | | | | | | | | | |
| 216.7 | 217.0 | Silicified metasediments as 215.5-216.6. | | | | | | | | | | |
| 217.0 | 221.2 | Metasediments: well banded biotite quartzite with cherty texture. Banding at 30° to core axis. | | | | | | | | | | |
| 221.2 | 224.2 | Silicified zone with blue quartz transgressing epidotized metasediment laminations. Disseminated biotite, trace pyrite. Two transgressive quartz zones separated by altered country-rock. | 08839F | 221.2 | 224.2 | 3.0 | 0.0006 | 0.3 | | | | |
| 224.2 | 232.2 | Metasediments: As 217.0-221.2. Bluish cherts commencing at 227. Includes thin epidotized and silicified former carbonate bands. | | | | | | | | | | |
| 232.2 | 233.0 | Silicified zone transgressing country-rock lamination | | | | | | | | | | |
| 233.0 | 234.5 | Metasediments: as 217.0-221.2. | | | | | | | | | | |
| 234.5 | 234.6 | Quartz-carbonate veinlet with trace tourmaline. Sharp contacts at 75° to core axis. | | | | | | | | | | |
| 234.6 | 239.3 | Cherty and biotitic quartzitic metasediments banded sub parallel to core axis. | 08840F | 234.0 | 235.0 | 1.0 | 0.0006 | 0.5 | | | | |
| 239.3 | 239.6 | Silicified zone or vein with sharp contacts normal to core axis. Quartz is a granular bluish colour, laced with traces of silvery muscovite. | 08841F | 239.0 | 240.0 | 1.0 | 0.0006 | 0.3 | | | | |
| 239.6 | 247.2 | Metasediments as 217-221.2. | | | | | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE Nº: 85-36



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247.2 | 259.5 | Partly altered metasediments with epidotized and silicified sections. Includes quartz translucent vein at 250-251.5, trace pyrite & carbonate. | 08842F | 250.0 | 252.0 | 2.0 | 0.0006 | 0.4 | | | | |
| 259.5 | 261.0 | Fairly well mineralized metasediments with drusy pyrite in epidotized zones, and blue quartz veinlets. | 08843F | 259.5 | 261.0 | 1.5 | 0.0006 | 0.4 | | | | |
| 261.0 | 265.8 | Metasediments: mainly biotite quartzites with occasional epidosites. | | | | | | | | | | |
| 265.8 | 266.1 | Pink fine grained dike, normal to core axis, and pegmatitic at upper contact, probably an aplitic pegmatite. Trace disseminated pyrite. | | | | | | | | | | |
| 266.1 | 272.0 | Metasediments: largely unaltered biotitic cherty quartzites with scattered pyrite crystals. Demonstrable minor fold hinges. | | | | | | | | | | |
| 272.0 | 274.2 | Epidotized zone with trace pyrite. | | | | | | | | | | |
| 274.2 | 285.0 | Metasediments as 266.1-272.0. Banding at 10° to core axis. | | | | | | | | | | |
| 285.0 | 286.0 | Epidotized former carbonate horizon with 5-10% pyrite. | | | | | | | | | | |
| 286.0 | 289.0 | Metasediments: mixed biotitic cherty quartzites and epidosite. Well banded at 20° to core axis. | | | | | | | | | | |
| 289.0 | 289.1 | Quartz-carbonate biotite veinlet normal to core axis. | | | | | | | | | | |
| 289.1 | 290.4 | Metasediments: as 266.1-272.0. | | | | | | | | | | |
| 290.4 | 293.5 | Mafic dike, mostly biotite and other mafic minerals with pseudo-gneissic texture. Cut by calcite stringers, and are narrow quartz veinlet at 40° to core axis. | | | | | | | | | | |
| 293.5 | 294.0 | Metasediments banded parallel to core axis. As 266.1-272.0. | | | | | | | | | | |
| 294.0 | 296.0 | Altered and pyritized zone composed of epidosite biotite quartzite, quartz veinlet and sulphide rich granular carbonate zone. All are normal to core axis. | 08844F | 294.0 | 296.0 | 2.0 | 0.0006 | 5.8 | | | | |
| 296.0 | 308.0 | Metasediments: semipelitic and quartzitic to cherty well banded argillites. Banded from 10° to 20° to core axis. Occasional minor quartz carbonate stringers (± sphere?) | | | | | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE No: 85-36



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE No | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 308.0 | 318.0 | Carbonate metasediments composed of epidosites granular marbles, and impure biotitic limestone. Banded at 25° to core axis. | | | | | | |
| 318.0 | 334.5 | Metasediments: fine grained grey biotitic quartzites, milky chlorite mottled cherts with numerous carbonate stringers on slips normal to bedding and core axis. Two quartz-carbonate veinlets near fault at 334.5. Fault healed by calcite stringer normal to core axis. | | | | | | |
| 334.5 | 337.2 | Carbonate metasediments including epidosite, minor fault at 337.2. | | | | | | |
| 337.2 | 340.0 | Metasediments: dark grey biotitic quartzites. | 08845F | 339.4 | 340.4 | 1.0 | 0.0006 | 0.4 |
| 340.0 | 340.2 | Silicified transgressive zone: mottled bluish quartz with chlorite and trace pyrite. | | | | | | |
| 340.2 | 358.9 | Metasediments: mainly biotitic quartzites with occasional epidosite beds. Well banded at 30° to core axis. | | | | | | |
| 358.9 | 366.0 | Carbonate metasediments and epidosite including marble and minor biotite quartzite. | | | | | | |
| 366.0 | 383.0 | Metasediments: biotite quartzites and fine cherty argillites with occasional pyritic horizons. Includes several alteration or metasomatic zones of blue mottled cherty quartz. Bedding sub parallel to core axis. | | | | | | |
| 383.0 | 386.0 | Pyritized and veined metasediments with silicified areas. Quartz veins with abundant pyrite at 383.4 and 385.6 (with tourmaline). | 08846F | 383.0 | 385.0 | 3.0 | 0.0006 | 47.5 |
| 386.0 | 390.7 | Metasediments - biotitic fine grained quartzites with occasional epidosite bands. | | | | | | |
| 390.7 | 399.0 | Carbonate metasediments composed of fine grained banded epidosites and marble. Disseminated pyrite at upper contact and from 393-397. Bedding at 35° to core axis | | | | | | |
| 399.0 | 406.0 | Metasediments: mainly biotitic quartzites with bluish chert laminations. | | | | | | |

END OF DDH 85-36 at 406.0 feet

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 8+00N |
| | 3+25W |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Nov 9, 1985 |
| MAP REFERENCE No. | |
| | Dip -45° |
| | Azm 265° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 449 | ——— | -45° |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Lakefield Research
PURPOSE OF HOLE to test Geochemical anomaly NW of mine workings

HOLE No. 85-37
CLAIM NAME/No.
COMMENCED Nov 6, 1985
FINISHED Nov 8, 1985
FINAL DEPTH 449'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | ASSAYS p.p.m. Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5.0 | | Casing (float and regolithic material) | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.0 | 24.1 | | Mafic Syenite (Coarse) | | | | | | | | | | | |
| | | | -med-coarse, homogeneous, pink, kspar-biotite 'mafic syenite' or syenodiorite, minor | | | | | | | | | | | |
| | | | cc, ep, chl with dissem euhedral py, no appreciable foliation | | | | | | | | | | | |
| | | | -6.0-7.0; poor recovery, fractured @ 15°, ground core, surface weathering effects | | | | | | | | | | | |
| | | | -12.0-14.5; altered (weathered), porous, kspar rich with blue qtz or cordierite, | 12.0 | 14.5 | 2.5 | 8847F | <0.0006 | <0.3 | | | | | |
| | | | rare blebs py, poss phlogopite | | | | | | | | | | | |
| | | | -17.0-18.0; sim 12.0-14.5, 2 narrow zones 1½", coarse py, bio and chl | 17.0 | 18.0 | 1.0 | 8848 | <0.0006 | 0.3 | | | | | |
| | | | | | | | | | | | | | | |
| 24.1 | 41.0 | | Mafic Syenite (Medium) | | | | | | | | | | | |
| | | | -sim 24.1-41.0, but has textural change | | | | | | | | | | | |
| | | | -27.5; hint of foliation developing | | | | | | | | | | | |
| | | | -25.3; carbonatized fracture @ 45°, with py | 24.6 | 25.6 | 1.0 | 8849 | <0.0006 | 1.5 | | | | | |
| | | | -fracture/jointing @ 45°; 26.0, 29.6, 30.2, 32.5-34.0 | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-37

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | ASSAYS ppm Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 36.5-39.7; bands of coarse syenite and xcutting feldspathized zones, increased cc | 36.5 | 39.7 | 3.2 | 8850 | <0.0006 | 0.7 | | | | | |
| | | | with dissem py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 41.0 | 59.0 | | Mafic Syenite (Coarse) | | | | | | | | | | | |
| | | | -sim to 5.0-24.1 | | | | | | | | | | | |
| | | | -41.1-50.5; altered zone with elevated kspar, cc minor chl & ep, 5% py, | | | | | | | | | | | |
| | | | 41.1-41.7; kspar band or vein | 41.1 | 43.1 | 2.0 | 8851 | <0.0006 | <0.3 | | | | | |
| | | | 43.1-44.1; intensely altered, porous, pegmatitic, lg bio ,pods cc, rusty | 43.1 | 44.1 | 1.0 | 8852 | <0.0006 | 2.0 | | | | | |
| | | | 48.0-48.8; 3" tw qtz-cc vein with kspar, tourmaline, @ 45° | 44.1 | 45.6 | 1.5 | 8853 | <0.0006 | <0.3 | | | | | |
| | | | 49.9-50.5; potassic zone with 2, qtz-cc viens (blue qtz), diffuse | | | | | | | | | | | |
| | | | | 48.0 | 48.8 | 0.8 | 8854 | <0.0006 | <0.3 | | | | | |
| | | | 53.2-60.0; jointing @ 45° | 49.9 | 50.5 | 0.6 | 8855 | <0.0006 | 1.3 | | | | | |
| | | | | | | | | | | | | | | |
| 59.0 | 65.8 | | Mafic Syenite (Medium) | | | | | | | | | | | |
| | | | -sim 24.1-41.0; textural change only | | | | | | | | | | | |
| | | | -64.0-65.8; zone of potassic alteration, includes qtz-cc vein with py, marc, blue qtz, | 64.0 | 65.8 | 1.8 | 8856 | <0.0006 | 8.4 | | | | | |
| | | | carbonatization, @ 45° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-37

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | WIDTH | No. | oz/ton Au | ppm Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65.8 | 161.0 | | Mafic Syenite (Coarse) | | | | | | | | | | | |
| | | | -sim 5.0-24.1 | | | | | | | | | | | |
| | | | -72.0-72.8; potassic zone with cc, spks py | 72.0 | 72.8 | 0.8 | 8857 | <0.0006 | 1.3 | | | | | |
| | | | 86.4-87.0; sim 72.0-72.8, with 1" qtz-cc vein @ 50°, with blebby and dissem py, marc, | | | | | | | | | | | |
| | | | tourmaline | 86.4 | 87.0 | 0.6 | 8858 | 0.0007 | 0.6 | | | | | |
| | | | -89.0-89.7; sim 86.4-87.0 | | | | | | | | | | | |
| | | | | 89.0 | 89.7 | 0.7 | 8859 | <0.0006 | 0.8 | | | | | |
| | | | -92.4-93.3; intense tourmaline in 1" band @ 65°, with qtz -cc vein (+kspar), up to 10% | | | | | | | | | | | |
| | | | py, strong wall rock carbonatization | 92.4 | 93.3 | 0.8 | 8860 | <0.0006 | 2.9 | | | | | |
| | | | 100.7-101.7; series of 3, mineralized fractures, qtz-tourmaline veins with | | | | | | | | | | | |
| | | | minor kspar | 100.7 | 101.7 | 1.0 | 8961 | <0.0006 | <0.3 | | | | | |
| | | | -113.8-115.4; potassic altered zone, qtz-cc stringers with up to SM py, heavy biotite, | | | | | | | | | | | |
| | | | diffuse contacts | 113.8 | 115.4 | 1.6 | 8862 | <0.0006 | 0.3 | | | | | |
| | | | 115.9-116.9; qtz-cc veining with heavy py, 2" SM @ 45° | 115.4 | 115.9 | 0.5 | 8863 | <0.0006 | 0.7 | | | | | |
| | | | | 115.9 | 116.9 | 1.0 | 8864 | <0.0006 | 0.9 | | | | | |
| | | | -119.9-120.9; carbonatized, potassic alt zone | | | | | | | | | | | |
| | | | | 119.9 | 120.9 | 1.0 | 8865 | <0.0006 | 0.4 | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-37

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | ASSAYS ppm Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 127.2-128.7, fracture zone with qtz-cc stringers, blue qtz @ 40° | 127.2 | 128.7 | 1.5 | 8866 | <0.0006 | <0.3 | | | | | |
| | | | | | | | | | | | | | | |
| | | | 152.1-152.7; ½" cc-qtz vein,may be faulted, minor py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | -154.6-155.2; fault zone, green chloritic gouge, with qtz-cc vein, minor potassic alt, | 152.1 | 152.7 | 0.6 | 8867 | <0.0006 | 0.8 | | | | | |
| | | | dissem py, @ 40° | 152.7 | 154.6 | 1.9 | 8868 | <0.0006 | -- | | | | | |
| | | | | 154.6 | 155.2 | 0.6 | 8869 | <0.0006 | -- | | | | | |
| | | | | | | | | | | | | | | |
| | | | -160.2-161.0; minor potassic alt zone, cc stringers, bio, tourmaline, 10% py | 160.2 | 161.7 | 1.5 | 8870 | <0.0006 | -- | | | | | |
| | | | | | | | | | | | | | | |
| 161.0 | 170.0 | | Altered Intermediate-Mafic Dike or Sill | | | | | | | | | | | |
| | | | -possibly differentiated syenodiorite, f-med xtalline, foliated, with bio, | | | | | | | | | | | |
| | | | marginally carbonatized | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 170.0 | 449.0 | | Mafic Syenite (Medium-Coarse) | | | | | | | | | | | |
| | | | -less homogeneous than above, compositionally similar, grey-pink syenite | | | | | | | | | | | |
| | | | -172.7-173.2; 1" qtz-cc vein with py, rimmed by bio, tourmaline in a felted mass of | 172.7 | 173.2 | 0.6 | 8871 | <0.0006 | -- | | | | | |
| | | | accicular xtals | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 85-37

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | ASSAYS ppm Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -177.0, 179.0; narrow potassic alt band with cordierite, @ 40° | | | | | | | | | | | |
| | | | -183.0-184.2; potassic alt zone with minor py, bio, carbonate is unusual purple!? | | | | | | | | | | | |
| | | | -187.4-188.1; potassic alt zone, minor carbonatization, qtz-cc stringer, irreg | 187.4 | 188.1 | 0.7 | 8872 | <0.0006 | -- | | | | | |
| | | | -192.7; well defined qtz-cc vein in potassic zone, strong bio, tourmaline, minor | | | | | | | | | | | |
| | | | increase in py | | | | | | | | | | | |
| | | | -201.1-209.6; diffuse potassic zone, pegmatitic | | | | | | | | | | | |
| | | | -249.5-251.5; coarse potassic zone, barren | | | | | | | | | | | |
| | | | -254.0-254.6; shear zone, @ 50°, strong bio partings, qtz-cc veining with minor py, | 254.0 | 254.7 | 0.7 | 8873 | <0.0006 | -- | | | | | |
| | | | mine structure or related? | 254.7 | 256.3 | 1.6 | 8874 | <0.0006 | -- | | | | | |
| | | | -256.0-285.3; very coarse mafic syenite | | | | | | | | | | | |
| | | | -260.2-261.7; potassic and chloritic alteration zone @ 45°, porous and weathered | 260.2 | 261.7 | 1.5 | 8875 | <0.0006 | -- | | | | | |
| | | | appearance, minor cc, py, cordieirite | | | | | | | | | | | |
| | | | - potassic alt zone, carbonatized | 265.0 | 266.0 | 1.0 | 8879 | <0.0006 | -- | | | | | |
| | | | -258.0-263.2; blocky core, poor recovery | | | | | | | | | | | |
| | | | -277.6; sheared, @ 50°, with py, cc, tourmaline, chl | 277.6 | 278.6 | 1.0 | 8880 | <0.0006 | -- | | | | | |
| | | | -285.3-286.3; intermed dike or sill, possible xenolith?, well defined foliation, chl | | | | | | | | | | | |
| | | | minor ep, cc | | | | | | | | | | | |
| | | | -298.0-299.5; potassic alt zone?, possible schlieren, qtz-kspar stringer, barren | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No. 85-37

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | oz/ton ppm ASSAYS Au | Te | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -316.4-317.6; potassic zone, strong qtz-tourmaline veining, banded py, cc, @ approx 45° | 316.4 | 317.6 | 1.2 | 8876 | 0.0006 | — | | | | | |
| | | | possible mine structure? | | | | | | | | | | | |
| | | | -321.6-323.0; sim 316.4-317.6, shearing | 321.6 | 323.0 | 1.4 | 8877 | 0.0006 | — | | | | | |
| | | | -337.8-338.4; potassic alteration zone, banded, with vuggy qtz-cc- kspar, poss | | | | | | | | | | | |
| | | | minor brecciation | 337.8 | 338.4 | 0.6 | 8878 | <0.0006 | — | | | | | |
| | | | -345.2-345.9; potassic alteration with qtz- vein, strong tourmaline, py | | | | | | | | | | | |
| | | | | 345.2 | 345.9 | 0.7 | 8881 | <0.0006 | — | | | | | |
| | | | -367.0-369.9; potassic alteration with qtz vein, sub parallel to core, minor bio, | | | | | | | | | | | |
| | | | spks py | 367.0 | 369.9 | 2.9 | 8882 | <0.0006 | — | | | | | |
| | | | -378.0-379.2; qtz vein with minor cc, qtz is strained, minor py | 378.7 | 379.2 | 0.5 | 8883 | <0.0006 | — | | | | | |
| | | | -381.0-405.9; generally more medium xtalline syenodiorite | | | | | | | | | | | |
| | | | -386.9-388.0; potassic zone with qtz viening, minor cc, strong tourmaline, dissem & | 386.9 | 388.0 | 1.1 | 8884 | <0.0006 | — | | | | | |
| | | | blebs py | | | | | | | | | | | |
| | | | -405.0-413.4; generally more coarse syenite, very similar to above | | | | | | | | | | | |
| | | | -420.0-420.8; 2, qtz-cc viens with bio @ 50°, minor py | 420.0 | 420.8 | 0.8 | 8885 | <0.0006 | — | | | | | |
| | | | -439.0; 1' zone of potassic enrichment, pegmatitic | | | | | | | | | | | |
| | 449.0 | | -fairly homogeneous to EOH | | | | | | | | | | | |
| | EOH | | | | | | | | | | | | | |

# BEAVON CONSULTING LIMITED
## DIAMOND DRILL RECORD

**LOCATION:** West Grid 16N 2+75W

**HOLE Nº:** 85-38

**AZIMUTH:** 251

**PROPERTY:** BANNOCKBURN

**DIP:** -45°  **LENGTH:** 200 ft.  **ELEVATION:**  **CLAIM Nº:** Lloyd Patent

**STARTED:** 9 Nov./85  **CORE SIZE:** BQ  **DATE LOGGED:** 10 Nov./85  **SECTION:** 12N

**COMPLETED:** 10 Nov./85  **DIP TESTS:** 200' = -43°  **LOGGED BY:** R.V. Beavon

**PURPOSE:** Test geochemical soil anomaly on strike with Bannockburn shaft.

| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 4.0 | Casing | | | | | | | | | | |
| 4.0 | 27.6 | Metasediments: Light grey quartzitic cherts, cherty quartzite and argillaceous cherts. Well banded at 45° to core axis. Silicified from 7.0 to 8.0. Limy band at 27.0. Quartz-biotite-carbonate veinlet at 20.5. Negligible mineralization, but traces pyrite throughout. | | | | | | | | | | |
| 27.6 | 28.0 | Sill of weakly foliated biotitized green dike, with minor quartz stringer at lower contact. | | | | | | | | | | |
| 28.0 | 37.5 | Metasediments. Well laminated grey argillaceous cherts or cherty argillites. Moderate disseminated pyrite | 08886F | 31.0 | 32.0 | 1.0 | <0.0006 | 0.6 | | | | |
| | | in beds from 22.5 to 27.5. Quartz stringer at 31.5, pyrite paint with manganese stain at 30.5. | | | | | | | | | | |
| 37.5 | 38.5 | Blocky core with limonite and pyrolusite on joint fractures. Hard siliceous cherty fragments. | | | | | | | | | | |
| 38.5 | 89.3 | Metasediments: Well laminated grey cherty quartzites and cherty argillites banded sub parallel to core axis. Semipelitic argillites with garnet from 64.5 on. | | | | | | | | | | |
| | | Quartz-carbonate biotite veinlet at 44.7. Limy bed at 64.5. | 08887F | 44.2 | 45.2 | 1.0 | <0.0006 | 1.5 | | | | |
| | | Pyrite paint with carbonate on joint parallel to core axis at 71.0 with blocky core. | | | | | | | | | | |
| | | Blocky core at 73-74 with trace slickensides | | | | | | | | | | |
| | | Biotite-spotted quartzites from 75 to 79. | | | | | | | | | | |
| | | Pyrite-carbonate paint on joint at 82.0 at 20° to core axis. | | | | | | | | | | |

# BEAVON CONSULTING LIMITED

## DIAMOND DRILL RECORD

HOLE Nº: 85-38



| FOOTAGE from | FOOTAGE to | DESCRIPTION | SAMPLE Nº | FOOTAGE from | FOOTAGE to | LENGTH | Oz/t Au | Bi ppm |
|---|---|---|---|---|---|---|---|---|
| 89.3 | 89.5 | Blue quartz impregnated metasediments. Negligible mineralization. | 08888F | 89.0 | 90.0 | 1.0 | 0.0006 | <0.3 |
| 89.5 | 114.8 | Metasediments. Argillaceous garnetiferous cherty quartzites. Fine grained siliceous chert at 106; limy band at 107.8. Moderately banded at 40° to core axis. | | | | | | |
| 114.8 | 116.9 | Quartz impregnated cherty quartzites with occasional limy sections. Some bluish quartz. Negligible mineralization. | 08889F | 114.8 | 116.9 | 2.1 | <0.0006 | <0.3 |
| 116.9 | 125.0 | Metasediments light grey siliceous cherts, finely banded at 35° to core axis. | | | | | | |
| 125.0 | 129.0 | Quartz impregnated metasediments with white mortared (microbrecciated and rehealed) quartz. Trace | 08890F | 125.0 | 127.0 | 2.0 | <0.0006 | <0.~~0~~3 |
| | | carbonate with quartz. Possible fault at 127 with drusy quartz. Trace pyrite paint at 126.5. | 08891F | 127.0 | 129.0 | 2.0 | <0.0006 | <0.~~0~~3 |
| 129.0 | 144.5 | Metasediments. Well banded quartzitic cherts at 45° to core axis. Occasional limy bands up to 0.2 ft. wide throughout. Sparsely garnetiferous | 08892F | 144.5 | 145.5 | 1.0 | <0.0006 | 0.3 |
| 144.5 | 145.5 | Short section of quartz-impregnation with pyrite and trace pyrrhotite, pyrite paint on joints. | | | | | | |
| 145.5 | 166.5 | Metasediments: as 129-144.5 | | | | | | |
| 166.5 | 167.5 | Quartz impregnated section | 08893F | 166.5 | 167.5 | 1.0 | <0.0006 | 0.4 |
| 167.5 | 200.0 | Metasediments: as 129.0-144.5. Occasional quartz veinlets with negligible mineralization. | | | | | | |
| | | 192-193 Metasediment with 0.2 ft. quartz, trace pyrite. | 08894F | 192.0 | 193.0 | 1.0 | <0.0006 | 0.6 |
| | | 193-194 Metasediment 0.4 ft. quartz. | 08895F | 193.0 | 194.0 | 1.0 | <0.0006 | 0.4 |
| | | END OF DDH 85-38 at 200 feet. | | | | | | |

# Diamond Drill Record

| COLLAR: 5+15W x16+00N | |
|---|---|
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | |
| MAP REFERENCE No. | |
| | Dip -90° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: | | |
| FOOTAGE | AZIMUTH | DIP |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn
DRILLING CONTRACTOR McKnight
ASSAYER
PURPOSE OF HOLE to test geochemical anomaly

HOLE No. 85-39
CLAIM NAME/No.
COMMENCED Nov 14, 85
FINISHED Nov 16, 85
FINAL DEPTH 300 ft.
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | ppm Bi | ppm Te | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 3.0 | | Casing | | | | | | | | | | | |
| 3.0 | 19.5 | | Quartzitic Metasediments | | | | | | | | | | | |
| | | | -fine grained, grey to black, cherty, mod-poorly foliated, with poor compositional | | | | | | | | | | | |
| | | | banding, hints of chl, ep, bio rich bands | | | | | | | | | | | |
| | | | -4.5 - 5.5', ground core | | | | | | | | | | | |
| | | | -7.5'≤0.1' qtz-cc vein, with spks py, sharp contacts @ 50° | | | | | | | | | | | |
| | | | -no carbonatization | | | | | | | | | | | |
| | | | -10.5',< 0.1' qtz vein, few spks py | | | | | | | | | | | |
| | | | -16.5 - ≃ 19', minor silicified zone with veining @ 20°, blue qtz, minor cc | 16.5 | 18.0 | 1.5 | 8896 F | 0.002 | 0.5 | < 0.3 | | | | |
| 19.5 | 33.9 | | Semi Pelitic Metasediment | | | | | | | | | | | |
| | | | -sharp contact @ 15°, quartzite with increased bio, minor foliation, more | | | | | | | | | | | |
| | | | uniform rk , few seams chl, minor dissem py. | | | | | | | | | | | |
| | | | -22', qtz-feldspar±garnet clusters begin | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn

HOLE No. 85-39

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | oz./ton Au | Bi ppm | Te ppm |
| 33.9 | 126.7 | | Quartzite Metasediments | | | | | | | |
| | | | -weak, transitional contact, unit returns to compositional banded, better foliated, | | | | | | | |
| | | | med-fine gr quartzite | 34.0 | 36.0 | 2.0 | 8897 F | 0.001 | 0.3 | 0.3 |
| | | | -unit begins as a contorted, swirled siliceous zone with minor chl, ep, cc | | | | | | | |
| | | | -fol 10 - 20° to core axis | | | | | | | |
| | | | -39.0 - 43.0, very siliceous (cherty) | | | | | | | |
| | | | -43.6', 0.1' qtz-cc vein with phlogopite/musc. growth, few blebs py | 43.2 | 44.2 | 1.0 | 98 | 0.0006 | 0.4 | 0.3 |
| | | | -59.0 - 62.0', sub parallel (to core) quartz vein ( 0.1'), with minor cc and spks py | 59.0 | 62.5 | 3.5 | 99 | 0.0009 | 1.1 | 0.3 |
| | | | -62 -65', cherty, very sil rk | | | | | | | |
| | | | -76.7, minor qtz vein | 86.0 | 88.5 | 2.5 | 8900 F | 0.001 | 0.7 | 0.3 |
| | | | -84.5 - 89.0', siliceous zone with minor quartz veins @ 15° | | | | | | | |
| | | | -foliation sub parallel to core to 103' | 106.2 | 107.2 | 1.0 | 8901 | 0.001 | 68.0 | 0.3 |
| | | | -103 - 109', shift in foliation up to 35°, leading to qtz-cc vein @ 106.7 | | | | | | | |
| | | | -boudin?, mineralized flexure?, blebs of py | | | | | | | |
| | | | | | | | | | | |
| 126.7 | 127.7 | | Lost core | — | — | — | — | — | — | — |
| | | | | | | | | | | |
| | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn

HOLE No. 85-39

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | Bi ppm | Te ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127.7 | 300.0 | | Quartzitic Metasediments | | | | | | | | | | | |
| | | | -sim 33.9 - 126.7 | | | | | | | | | | | |
| | | | -sporadic garnet clusters (xcutting?) | | | | | | | | | | | |
| | | | -150.2, 0.2' altered zone, silicified, chl, ep, films of py on fracture surfaces @ 35° | 150.0 | 152.0 | 2.0 | 8902 F | 0.0009 | 1.2 | <0.3 | | | | |
| | | | -151.4, qtz vein 0.1' @ 55° with sharp contacts, blebs py, minor cc foliation | | | | | | | | | | | |
| | | | tends to rotate from sub parallel to 40° | | | | | | | | | | | |
| | | | -152.0 -154.0', strong fracturing @ 5 - 10°, heavy py | | | | | | | | | | | |
| | | | -165.7, 40° slip or fracture, bio parallel to surface, minor silicification with ep | | | | | | | | | | | |
| | | | (calc - sil), fine cordierite | | | | | | | | | | | |
| | | | -209.0 - 215, cherty bands sub parellel to core | | | | | | | | | | | |
| | | | -231.7, siliceous vein with diffuse contacts @ 50°, blue tint, spks py | 231.4 | 232.4 | 1.0 | 8903 | 0.0006 | 0.4 | <0.3 | | | | |
| | | | -236 - 239, minor altered zone, ep, cc, siliceous | | | | | | | | | | | |
| | | | -235.5, quartz vein with sharp contacts, @ 40°, barren | | | | | | | | | | | |
| | | | -236.8 - 238.8, semi pelitic band with diffuse siliceous zones, minor chl | 236.8 | 238.8 | 2.0 | 8904 | <0.0006 | 0.5 | 1.0 | | | | |
| | | | bio, ± ep, minor sulphides, (sim 150.2') | | | | | | | | | | | |
| | | | -254.0 - 256.5, semi pelitic with 5 - 10% py/po, bordering a silicified zone | | | | | | | | | | | |
| | | | -255.5 - 257.5, generally siliceous zone with diffuse quartz vein sub parallel to | 255.5 | 257.5 | 2.0 | 8905 | 0.015 | 2.0 | 0.3 | | | | |
| | | | core, blebs of py, no cc noted | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn

HOLE No. 85-39

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | oz/ton Au | Bi ppm | Te ppm | | | | |
| 127.7 | 300.0 | | -271.0 - 272.5 -sim 255.5 - 257.5 | | | | | | | | | | | |
| | cont. EOH | | -279.5 - 281.5, shift in foliation, increased sulphides, strong quartzitic breccia | 279.5 | 281.5 | 2.0 | 8906 | 0.0006 | 0.6 | <0.3 | | | | |
| | | | in 2 bands @ 85°, bands are 0.4' separated by0.3' schist, blue qtz, | | | | | | | | | | | |
| | | | minor cc | | | | | | | | | | | |
| | | | -may be related to "mine structure" or sim feature? | | | | | | | | | | | |
| | | | -290.2,< 0.1' quartz vein ° 50°, no cc, minor sulphides | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 5 + 15 W x 16 + 00 N | METHOD: ACID | | |
| AZM 261 | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | 260 | ——— | -46° |
| CORE SIZE BQ | | | |
| LOGGED BY B. King | | | |
| DATE LOGGED | | | |
| MAP REFERENCE No. | | | |
| Dip -45° | | | |
| Azm 261° | | | |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn
DRILLING CONTRACTOR McKnight
ASSAYER
PURPOSE OF HOLE To test geochemical anomaly

HOLE No. 85-40
CLAIM NAME/No.
COMMENCED Nov 16, 1985
FINISHED Nov 18, 1985
FINAL DEPTH 259
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | Bi ppm | Te ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | | Casing | | | | | | | | | | | |
| 4.0 | 12.o | | Banded Quartzitic Metasediments | | | | | | | | | | | |
| | | | -poorly banded, semi pelitic/psammitic layering, generally siliceous, minor dissem | | | | | | | | | | | |
| | | | (< 5%) py/po - syngenetic | | | | | | | | | | | |
| | | | -37', compositional foliation @ 42° | | | | | | | | | | | |
| | | | -7.6', 0.1' conformable qtz vein within silicified zone, spks & films po | 7.4 | 8.1 | 0.7 | 8907± | 0.0006 | 1.4 | | | | | |
| | | | -10.2', sim 7.6' | | | | | | | | | | | |
| 12.0 | 55.0 | | Siliceous, Semi Pelitic Metasediment | | | | | | | | | | | |
| | | | -arbitrary contact, general increase in pelitic mat'l, stronger foliation, more bio, | | | | | | | | | | | |
| | | | chl,po | | | | | | | | | | | |
| | | | -22' - 32, 34.5, garnets, ep, cc (altered zones) | | | | | | | | | | | |
| | | | -35.2, < 0.1' qtz vein with py blebs, within siliceous, recrystallized zone, py on | 35.2 | 36.5 | 1.3 | 8908 | 0.001 | 3.9 | | | | | |
| | | | fractures to 36.5 | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ___

COMPANY NAME Mono Gold Mines Inc.

PROPERTY NAME Bannockburn

HOLE No. 85-40

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | Bi ppm | Te ppm |
|---|---|---|---|---|---|---|---|---|---|---|
| 55.0 | 95.8 | | Quartzitic Banded Metasediments | | | | | | | |
| | | | -arbitrary contact, unit returns to sim 4.0 - 12.0, crudely banded | | | | | | | |
| | | | semi pelitic/psammitic rk, generally cherty (silicified) | | | | | | | |
| | | | -58.5', possible "Z" style parasitic fold | | | | | | | |
| | | | -59.8 - 61.0, series of mineralized fractures, with chl.cc. py, minor sericite, | 59.8 | 61.0 | 1.2 | 8909 | 0.0006 | 0.6 | |
| | | | rock has bleached (altered) appearance, fractures @ 45 - 50° | 61.0 | 62.5 | 1.5 | 10 | 0.0006 | 0.8 | |
| | | | -61.0 - 62.5, silicic, cherty zone, similar bleached appearances, minor conformable py | | | | | | | |
| | | | -63.5 - 64.5, qtz vein, spks py/po, (blue qtz), minor sericite, chl, 45° | 63.5 | 64.5 | 1.0 | 11 | 0.0006 | 0.5 | |
| | | | -74.0 - 75.0, cherty zone | | | | | | | |
| | | | -77', possible fault contact, deformed zone, diffuse banding | | | | | | | |
| | | | -78', similar 77' less intense | | | | | | | |
| | | | -79.0 - 80.0. 2, 0.1' conformable qtz vein, minor folding to 82' | 70.0 | 80.0 | 1.0 | 12 | 0.0006 | 6.5 | |
| | | | 84.8', ground core/ fracture zone with py | | | | | | | |
| | | | -85.5 - 86.0', contorted, brecceated siliceous zone, origin unknown | | | | | | | |
| | | | -90.2 - 91.2, 0.2' qtz vein, spks py, bio, conformable | 90.2 | 91.2 | 1.0 | 13 | 0.0006 | 0.4 | |
| | | | -92.5 - 93.5, 0.1' qtz vein with granular py, po, tr, cpy | 92.5 | 93.5 | 1.0 | 14 | 0.004 | 0.3 | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn

HOLE No. 85-40

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95.8 | 101.2 | | Pelitic Metasediments | | | | | | | | | | | | |
| | | | -homogenous, grey-brown, well foliated, f-med grained rk, with sharp contacts | | | | | | | | | | | | |
| | | | very finely dissem garnet, weak compositional banding | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 101.2 | 183.0 | | Quartzitic Banded Metasediments | | | | | | | | | | | | |
| | | | -sim 55.0 - 95.8 with alternating bands of psammitic and pelitic mat'l | | | | | | | | | | | | |
| | | | -105.5, 109.0 - 112.0, semi pelitic bands with garnets | | | | | | | | | | | | |
| | | | -110.0, fracture with cc and granular py @ 20° | | | | | | | | | | | | |
| | | | -111.3, conformable qtz-cc vein, minor granular py, chl | | | | | | | | | | | | |
| | | | -125', foliation @ 45° | | | | | | | | | | | | |
| | | | -begining at 174', pervasive carbonatization (related to unit below) | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 183.0 | 259 | | Calcareous Psammitic Metasediments | | | | | | | | | | | | |
| | EOH | | -contact is arbitrary, begins with band of epidotized marble, few garnetiferous | | | | | | | | | | | | |
| | | | semi pelitic layers | | | | | | | | | | | | |
| | | | -folding evident, banding rotates sub parallel to core, very incompetant unit | | | | | | | | | | | | |
| | | | -unit is either siliceous marble or carbonatized psammite? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn

HOLE No. 85-40

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | Bi ppm | Te ppm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -197.0', strong banding, minor brecciation, < 10% granular/dissem py on foliation | | | | | | | | | | | |
| | | | -204.0, banding/ comp foliation @ 40° | | | | | | | | | | | |
| | | | -210 - 216, folding, banding rotates to sub parellel | | | | | | | | | | | |
| | | | -220', banding @ 50° | | | | | | | | | | | |
| | | | -222.5', strongly folded again, ferruginous calcite, ep etc, axial cleavage | | | | | | | | | | | |
| | | | -228', fol/banding returns to ≃ 50° | | | | | | | | | | | |
| | | | -220.1 - 221.1 , < 0.1' qtz veining, minor sulphides | 220.1 | 221.1 | 1.0 | 8915 F | <0.0006 | 0.3 | | | | | |
| | | | -230.3 - 236.0, carbonate content drops dramatically, becomes typical quartzitic | | | | | | | | | | | |
| | | | sediment | | | | | | | | | | | |
| | | | 236 - 259 (EOH), carbonate (limy) bands resume | | | | | | | | | | | |
| | | | -239' banding/foliation 50° | | | | | | | | | | | |
| | | | -259', banding/foliation 45° | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 4+00N |
| | 3+00E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Nov 21, 1985 |
| MAP REFERENCE No. | |
| | Dip -45° |
| | Azm 261° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 605 | ——— | -46° |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Lakefield Research
PURPOSE OF HOLE to test the "mine structure at depth

HOLE No. 85-41
CLAIM NAME/No.
COMMENCED Nov 18, 1985
FINISHED Nov 20, 1985
FINAL DEPTH 605'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 9.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9.0 | 11.0 | | Fault Zone | | | | | | | | | | | |
| | | | -complex, frag's of chl Greenstone? cemented with chert, 10.4, lost water, blocky ground | | | | | | | | | | | |
| | | | heavy fracturing, poor core recovery, zone is mineralized with py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11.0 | 17.3 | | Chloritic Metasediments | | | | | | | | | | | |
| | | | -crudely banded, chl,qtz,cc,bio ·rk strongly carbonatized, brecciated and mineralized | 11.7 | 12.7 | 1.0 | 8916F | <0.0006 | | | | | | |
| | | | with hem, in veins, minor cordierite, strong dissem euhedral py | | | | | | | | | | | |
| | | | -entire unit may be crush zone or fault? | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 17.3-38.0 | | | Siliceous, Epidotized Tectonic Breccia | | | | | | | | | | | |
| | | | -mod well banded, pale ep-qtzitic fragments in bands, succrosic texture with cordierite | | | | | | | | | | | |
| | | | bio | | | | | | | | | | | |
| | | | -20.0; possible "s" style parasitic folding | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -31.0; fol/banding @ 45° | | | | | | | | | | | |
| | | | -25.2-27.2; 0.2' qtz-cc vein, plus 0.3' qtz -cc vein, both strong py, minor ep | 25.2 | 27.2 | 2.0 | 8917 | 0.0008 | | | | | | |
| | | | -28.5-29.5; sim 25.2-27.2; but here with probable cordierite | 28.5 | 29.5 | 1.0 | 8918 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 38.0 | 60.0 | | Cherty Metasediments | | | | | | | | | | | |
| | | | -upper ctc prob faulted with 1' qtz-cc stringer | | | | | | | | | | | |
| | | | -38.3-39.3; complex swirl or fold of kspar, qtz,cc,blebs py | 38.3 | 39.3 | 1.0 | 8919 | <0.0006 | | | | | | |
| | | | -unit is essentially a bland grey massive f gr bio-qtzite, with varying degrees of | | | | | | | | | | | |
| | | | silicification | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 60.0 | 62.1 | | Fault Zone | | | | | | | | | | | |
| | | | -shear/fault @ 87°, ep qtzitic frags in chl matrix with stringers of cc, badly | | | | | | | | | | | |
| | | | broken, poor recovery | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 62.1 | 180.0 | | Cherty Metasediments | | | | | | | | | | | |
| | | | -f gr, poorly banded, silicified and carbonatized, grey-brown, pale | | | | | | | | | | | |
| | | | -upper ctc has potassic alteration with minor ep, py | | | | | | | | | | | |
| | | | -66.0; fol/banding @ 40° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________
COMPANY NAME ______________________
PROPERTY NAME ______________________

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | oz/ton Au | | | | | | |
| | | | 68.4; qtz-cc vein @ 40°, blebs py, blue qtz or cordierite | 67.7 | 69.2 | 1.5 | 8920 | <0.0006 | | | | | | |
| | | | -75.2-76.3; altered zone, epidote, cherty-silicified, minor brecciation | | | | | | | | | | | |
| | | | -77.0-78.0; broken ground, weathered, fault zone? | 75.0 | 76.5 | 1.5 | 8921 | <0.0006 | | | | | | |
| | | | -78.79.0; qtz-cc vein @ 70°, spks py, poor recovery | 76.5 | 78.0 | 1.5 | 8922 | <0.0006 | | | | | | |
| | | | -80.0-80.5; coarse silicified zone, diffuse and conformable, increasing potassic | 78.0 | 79.0 | 1.0 | 8923 | <0.0006 | | | | | | |
| | | | alteration with depth | | | | | | | | | | | |
| | | | 85.0; fol/banding @ 50°, 2" diffuse qtz-kspar? vein @ 91.4 | 90.9 | 91.9 | 1.0 | 8924 | <0.0006 | | | | | | |
| | | | -94.5-97.4; siliceous zone, diffuse with minor py, cc | | | | | | | | | | | |
| | | | -97.6-100.2; potassic zone, with sharp ctc's, conformable @ 80°, pegmatitic with cc | 95.6 | 97.6 | 2.0 | 8925 | <0.0006 | | | | | | |
| | | | py | 97.6 | 100.2 | 2.6 | 8926 | <0.0006 | | | | | | |
| | | | -110.4; jasperoid, hematite/barite atered zoen, 4" | | | | | | | | | | | |
| | | | -112.0-113.4; sim 97.6-100.2 | 112.0 | 113.4 | 1.4 | 8927 | <0.0006 | | | | | | |
| | | | 120.7-124.7; potassic zone with several qtz-cc stringers, brecciated ctc's. minor | | | | | | | | | | | |
| | | | dissem py, spks po | 120.7 | 121.7 | 1.0 | 8928 | <0.0006 | | | | | | |
| | | | 125.0-131.0; broken core, poor recovery | 121.7 | 123.6 | 1.9 | 8929 | <0.0006 | | | | | | |
| | | | 131.5; fol/banding @ 30° | | | | | | | | | | | |
| | | | -140.0-161.0; intense red coloured alteration, (hem-skpar), including breccia, | | | | | | | | | | | |
| | | | and syenitic rk, contact metamorphic aureol, 157.5, prob fault (minor) | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 167.0; fol/banding @ 42° | | | | | | | | | | | |
| | | | -165.0-175.0; banded alteration, hem-ep-cc-py | 174.8 | 175.8 | 1.0 | 8930 | <0.0006 | | | | | | |
| | | | -175.0; pegmatitic, qtz-kspar-cc vein/pod, irreg breccia, possibly xcutting? | 175.8 | 180.0 | 4.2 | 8931 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 180.0 | 189.0 | | Transition Zone | | | | | | | | | | | |
| | | | -contact zone of metased's and syenite, alternating bands of mafic syenite and banded | 180.0 | 182.5 | 2.5 | 8932 | <0.0006 | | | | | | |
| | | | altered cherty metasediments, frag's of metased's in syenite | 182.5 | 183.5 | 1.0 | 8933 | <0.0006 | | | | | | |
| | | | -182.5-183.5; porous, vuggy syenite with py blebs, some carbonatization | 183.5 | 184.7 | 1.2 | 8934 | <0.0006 | | | | | | |
| | | | | 184.7 | 187.0 | 2.3 | 8935 | <0.0006 | | | | | | |
| | | | | 187.0 | 189.0 | 2.0 | 8936 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 189.0 | 237.0 | | Medium Syenite | | | | | | | | | | | |
| | | | -homogeneous, kspar-plag, strong cc, minor qtz | | | | | | | | | | | |
| | | | -201.0-204.0; partially assimilated metasediement with ep banded alteration | 201.0 | 203.8 | 2.8 | 8937 | <0.0006 | | | | | | |
| | | | 210.0-211.0; shear zone, strong cc, minor qtz, chl, py @ 32° | | | | | | | | | | | |
| | | | 220.0-226; vuggy, altered syenite, increased py, carbonatized, relic of OM? | 210.0 | 211.2 | 1.2 | 8938 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 237.0 | 347.6 | | Coarse Alkali Syenite | | | | | | | | | | | |
| | | | -homogeneous, coarse pink kspar rich, bio syenite, minor qtz, dissem py | | | | | | | | | | | |
| | | | -239.2-264.8; ep alteration, elevated py | | | | | | | | | | | |
| | | | -298.0-298.7; qtz-cc-fluorite vein, mineralized late fault? | 297.7 | 298.8 | 1.1 | 8940 | <0.0006 | | | | | | |
| | | | -304.0; qtz-cc vein, spks and blebs py, vein conformable 1½", similar veining also | | | | | | | | | | | |
| | | | at 306.0, 1" @ 70° | 303.5 | 304.5 | 1.0 | 8941 | <0.0006 | | | | | | |
| | | | | 305.0 | 306.5 | 1.0 | 8942 | <0.0006 | | | | | | |
| | | | -320.8; qtz-cc vein @ 45°, minor carbonatization, minor py, alteration assocoated | | | | | | | | | | | |
| | | | with vein on either side in wall rocks | 320.3 | 321.3 | 1.0 | 8943 | <0.0006 | | | | | | |
| | | | 328.7; shear zone, protomylonitic with cc and minor py spks | | | | | | | | | | | |
| | | | | 328.1 | 329.1 | 1.0 | 8944 | <0.0006 | | | | | | |
| | | | -340.0-343.0; shear zone, strong cc, py, protomylonitic/cataclastic | | | | | | | | | | | |
| | | | | 340.0 | 343.0 | 3.0 | 8945 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 347.6 | 351.5 | | Altered Mafic Dike or Sill | | | | | | | | | | | |
| | | | -partially assimilated, bio-chl rk, strong carbonatization, foliated-schistose, | | | | | | | | | | | |
| | | | vuggy, no significant mineralization | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS |
|---|---|---|---|---|---|---|---|---|
| 351.5 | 401.6 | | Mafic Syenite (Coarse) | 359.0 | 360.0 | 1.0 | 8946 | <0.0006 |
| | | | -homogeneous syenite or syenodiorite, strong bio, pegmatitic, kspar large blebs py | 360.0 | 361.7 | 1.7 | 8947 | 0.0012 |
| | | | -359.0-401.6; generally severely altered zone, probable shear/breccia structure | 361.7 | 362.9 | 1.2 | 8948 | <0.0006 |
| | | | with exotic mineralization, includes qtz-cc veins, qtz-kspar-cc veins | 362.9 | 364.4 | 1.5 | 8949 | <0.0006 |
| | | | with elevated sulphides in hematitic, chloritic and carbonatized rk, with | 364.4 | 365.6 | 1.2 | 8950 | <0.0006 |
| | | | relics of cherty sediments | 365.6 | 367.2 | 1.6 | 13001F | 0.0006 |
| | | | -362.9-364.4; massive, qtz veins with jasper, hem. barite, somewhat brecciated, | 367.2 | 368.7 | 1.5 | 13002 | 0.0006 |
| | | | sheared @ 62° (mine structure) | 368.7 | 392.0 | 2.0 | 13003 | 0.0013 |
| | | | -390.2-401.6; shear/cataclastic zone, in syenite, incl strong py (10-15%), @ 50°, | 392.0 | 393.5 | 1.5 | 13004 | 0.0017 |
| | | | with potassic qtz-cc veins, blebs py, tourmaline, lower ctc silicified | 393.5 | 395.0 | 1.5 | 13005 | 0.0012 |
| | | | @ 45° | 395.5 | 396.0 | 1.0 | 13006 | 0.0009 |
| | | | | 396.0 | 397.5 | 1.5 | 13007 | 0.0007 |
| | | | | 397.5 | 399.0 | 1.5 | 13008 | 0.0028 |
| | | | | 399.0 | 400.5 | 1.5 | 13009 | 0.0013 |
| | | | | 400.5 | 401.6 | 1.1 | 13010 | <0.0006 |
| | | | | | | | | |
| 401.6 | 408.1 | | Altered Mafic Dike or Sill | | | | | |
| | | | -dark green, schistose, greenstone-amphibolite, heavy carbonatization, marginally sil | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-41

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 408.1 | 605 | | Mafic Syenite | | | | | | | | | | | |
| | EOH | | -sim ti 351.0-401.6, syenodiorite, but increased biotite, probable increased $H_2O$? | | | | | | | | | | | |
| | | | -416.0-416.8; possible greenstone xenolith or very assimilated sill material | | | | | | | | | | | |
| | | | -420.0-420.5; sim above, strongly carbonatized | | | | | | | | | | | |
| | | | -434.7-446.0; shear or cataclastic zone, sim 390.2-401.6, cc pods, @ 47° (440'), | 436.5 | 438.0 | 1.5 | 13011 | 0.081 | | | | | | |
| | | | related to mine structure (parallel), includes several qtz-kspar-cc | 438.0 | 439.5 | 1.5 | 13012 | 0.0129 | | | | | | |
| | | | veins with py, tourmaline, chl | 439.5 | 440.5 | 1.0 | 13013 | 0.0008 | | | | | | |
| | | | | 4440.5 | 441.8 | 1.3 | 13014 | 0.0054 | | | | | | |
| | | | | 441.8 | 443.6 | 1.8 | 13015 | 0.0040 | | | | | | |
| | | | | | | | | | | | | | | |
| | | | -531.9; 7" qtz-cc-kspar vein, dissem py, chl slips on both ctc's, @ 62° | 531.7 | 532.7 | 1.0 | 13016 | <0.0006 | | | | | | |
| | | | 569.5-570.5; 1½" qtz-cc vein with semi-massive py, very localized | | | | | | | | | | | |
| | | | | 569.5 | 570.5 | 1.0 | 13017 | <0.0006 | | | | | | |
| | | | -574.0-580; minor cataclastic zone, with minor bio, chl, cc, strong py | | | | | | | | | | | |
| | | | -to EOH, essentially unaltered marginally carbonatized coarse, grey-pink syenite or | | | | | | | | | | | |
| | | | syenodiorite | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | | HOLE SURVEY | | |
|---|---|---|---|---|
| | 4+00N | METHOD: hf | | |
| | 3+00E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | | 306 | ——— | -79° |
| CORE SIZE | BQ | | | |
| LOGGED BY | B. King | | | |
| DATE LOGGED | Nov 23, 1985 | | | |
| MAP REFERENCE No. | | | | |
| | Dip -80° | | | |
| | Azm 261° | | | |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Lakefield Research
PURPOSE OF HOLE - to test location of Syenite/Metasediment Contact

HOLE No. 85-42
CLAIM NAME/No.
COMMENCED Nov 21, 1985
FINISHED Nov 22, 1985
FINAL DEPTH 306'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 7.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7.0 | 13.2 | | Quartzitic Metasediments | | | | | | | | | | | |
| | | | -essentially f-med gr qtzite with bio-chl partings | | | | | | | | | | | |
| | | | -sporadic subangular frags of chl-ep mat'l, structures accentuated by down-dip drill | | | | | | | | | | | |
| | | | -5% dissem py, spks po, minor sil zones with ep | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 13.2 | 27.0 | | Shear?Altered Zone | | | | | | | | | | | |
| | | | -complex deformation zone, pseudo fragmental texture, rounded, augen like features, | 27.4 | 30.0 | 2.6 | 13018F | 0.0008 | | | | | | |
| | | | strong bio, frag's rimmed by chlorite, looks partially assimilated? | | | | | | | | | | | |
| | | | -fol appears to swirl, contorted, generally @ 10° (21') | | | | | | | | | | | |
| | | | -23.5-25.0; poss actinolite, calc-sil zone, 10-15% py locally | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 27.0 | 51.0 | | Cherty Metasediemnts | | | | | | | | | | | |
| | | | -strongly silicified or cherty, diffuse and industinct banding, f-med gr, homog, grey | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-42

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -minor carbonatization, few blebs cc | | | | | | | | | | | |
| | | | -38.5; fol/banding @ 10° | | | | | | | | | | | |
| | | | -49.6; diffuse qtz vein or sil zone, with minor dissem py, very little cc, lower ctc | 49.3 | 50.3 | 1.0 | 13019 | <0.0006 | | | | | | |
| | | | diffuse and irregular, but difficult to determine, conformable?, 4½" | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 51.0 | 65.0 | | Quartzitic Metasediments | | | | | | | | | | | |
| | | | -sim to 7.0-13.2 | | | | | | | | | | | |
| | | | -broken layering or pseudo frag's of qtz-feld-chl | | | | | | | | | | | |
| | | | -51.0-58.0; complex, deformed zone sim to 13.2-27.0 but here the underlying or host | | | | | | | | | | | |
| | | | unit can still be recognized | | | | | | | | | | | |
| | | | -54.3-57.5; ep,cc,qtz, kspar, py zone, not a vein, but an advanced alteration | 54.3 | 57.5 | 3.2 | 13020 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 65.0 | 67.8 | | Mafic Intrusive | | | | | | | | | | | |
| | | | -carbonatized, mildly foliated with cc stringers and general pervasive cc alt, | | | | | | | | | | | |
| | | | minor dissem py, minor po, lower ctc has cc+hem, appears sharp, but is | | | | | | | | | | | |
| | | | obscured by alt | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 67.8 | 87.0 | | Quartzitic Metasediment | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-42

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -sim to 51.0-65.0, interrupted by dike? | | | | | | | | | | | |
| | | | -increasing hem, py, especially along fract's and fol planes, still minor cc in blebs | | | | | | | | | | | |
| | | | -73.0-74.0; vuggy, strong cc with py, ep , possible fault?, not much structure | | | | | | | | | | | |
| | | | -72.0; fol/banding @ 18° | | | | | | | | | | | |
| | | | -82.0; qtz stringer with minor cc, minor py | 81.7 | 82.7 | 1.0 | 13021 | <0.0006 | | | | | | |
| | | | 82.0-84.0; vuggy, earthy zone, poss fault gouge, intensely altered, with 3" kspar band | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 87.0 | 112.6 | | Mafic Intrusive | | | | | | | | | | | |
| | | | -sim to 65.0-67.8, probable mafic sill, strong carbonatization, foliation @ 5-7° gen | | | | | | | | | | | |
| | | | -99.1-101.4; pegmatitic, kspar bearing qtz-cc vein with sharp ctc's @ 84° | 99.1 | 101.4 | 2.3 | 13022 | <0.0006 | | | | | | |
| | | | -109.0- 112.6; generally altered with silicification, increased cc, and strong hem, | | | | | | | | | | | |
| | | | chl,cc especially around fractures | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 112.6 | 114.9 | | Fault Zone | | | | | | | | | | | |
| | | | - microfaulting, strong hem, kspar with ep alteration, numerous chl/bio slips | | | | | | | | | | | |
| | | | generally at 55° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 114.9 | 115.5 | | Mafic Intrusive | | | | | | | | | | | |

-sim 87.0-112.6

# Diamond Drill Record

DATE LOGGED ____________________

COMPANY NAME ____________________

PROPERTY NAME ____________________

HOLE No. 85-42

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115.5 | 169.8 | | Cherty Metasediments | | | | | | | | | | | |
| | | | -very cherty, silicieous, banded with bio, py and fragment like pieces of qtz-feld- | | | | | | | | | | | |
| | | | chl-ep in bio rich bands | | | | | | | | | | | |
| | | | -123.9-124.7; kspar-qtz-vein withsharp ctc's, 1" | | | | | | | | | | | |
| | | | -125.5-127.4; metasommatic, pegmatitic veineing, biotite growth with diffuse ctc's | | | | | | | | | | | |
| | | | -128.0; 2" qtz-cc vein @ 47°, blue qtz, dissem py | 127.7 | 128.7 | 1.0 | 13023 | 0.0006 | | | | | | |
| | | | -136.0; fol/banding @ 12° | | | | | | | | | | | |
| | | | -146.0; fol/banding @ 19° | | | | | | | | | | | |
| | | | -157.0; 2" tw qtz-cc vein, with sharp ctc's @ approx 35°, bio partings assoc with 2" | 156.2 | 158.0 | 1.8 | 13024 | 0.0006 | | | | | | |
| | | | py-ep zone @ 156.5 | | | | | | | | | | | |
| | | | -165.6; 3" qtz vein with minor cc, blue qtz minor py, sharp ctc's @ 35° | 165.0 | 166.0 | 1.0 | 13025 | <0.0006 | | | | | | |
| | | | | | | | | | | | | | | |
| 169.8 | 176.0 | | Altered Zone (May Include Altered Mafic Intrusive) | | | | | | | | | | | |
| | | | -probable banded alteration but host rk appears to be cherty metasediment type, | 169.8 | 171.4 | 1.6 | 13026 | <0.0006 | | | | | | |
| | | | increased ep, dissem py (to 10%) | 171.4 | 172.8 | 1.4 | 13027 | 0.0006 | | | | | | |
| | | | -171.4-172.8; very dark, green to black, massive rk, poss very sil, ep- | 172.8 | 176.0 | 3.2 | 13028 | <0.0006 | | | | | | |
| | | | chl, kspar, cc | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-42

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176.0 | 248.9 | | Cherty Metasediments | | | | | | | | | | | |
| | | | -sim to 115.5-169.8, with increased kspar throughout | | | | | | | | | | | |
| | | | -182.4; 1" granitoid vein @ 34° | | | | | | | | | | | |
| | | | -183.0-187.6; altered zone, strong kspar, ep, chl, minor cc, enriched py (to SM) | 184.6 | 187.6 | 3.0 | 13029 | <0.0006 | | | | | | |
| | | | -195.5-197.4; kspar vein, dissem py, diffuse ctc's, probable metasomatic zone, 15° | | | | | | | | | | | |
| | | | -202.3; fol/banding @ 13° | | | | | | | | | | | |
| | | | -219.5-221.0; zone of increased ep, py, sil with some kspar, minor cc and blue qtz | 219.0 | 220.0 | 1.0 | 13030 | <0.0006 | | | | | | |
| | | | or cordierite | | | | | | | | | | | |
| | | | -226.5-228.5, granitoid vein, diffuse ctc's, metasomatic pegmatite | | | | | | | | | | | |
| | | | -230.0; fol/bandinf @ 08° | | | | | | | | | | | |
| | | | -increasing alteration with depth makes it difficult to identify host rk | | | | | | | | | | | |
| | | | -246.0-248.0; silicified, with dissem kspar and py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 248.9 | 260.5 | | Contact -Transition Zone | | | | | | | | | | | |
| | | | -strong hem in plane of foliation/banding, looks like oxidized syngenetic py in the | 248.9 | 251.7 | 2.8 | 13031 | <0.0006 | | | | | | |
| | | | cherty sediment | 251.7 | 255.8 | 4.1 | 13032 | <0.0006 | | | | | | |
| | | | -quickly grades into strongly epidotized chl, cc hem zone, brown weathered appearance | 255.8 | 260.5 | 4.7 | 13033 | <0.0006 | | | | | | |
| | | | -251.0-252.0, very strong pervasive hematite, coarse py | 260.5 | 262.0 | 1.5 | 13034 | <0.0006 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-42

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 260.5 | 306.0 | | Mafic Syenite/Syenodiorite | | | | | | | | | | | | |
| | EOH | | -typical, blotches and xcutting kspar zones, in med xtalline syenodiorite, mod bio | | | | | | | | | | | | |
| | | | growth, pink-grey | | | | | | | | | | | | |
| | | | -268.8; few qtz-cc-py stringers @ 60° | | | | | | | | | | | | |
| | | | -possible fault @ 275.5 | | | | | | | | | | | | |
| | | | -varying degrees of pervasive and patchy carbonatization, but appears to decrease | | | | | | | | | | | | |
| | | | with depth | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2+00N |
| | 2+51E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Nov 25, 1985 |
| MAP REFERENCE No. | |
| | Dip -45° |
| | Azm 261° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 438 | ——— | -45° |

COMPANY NAME Mono Gold Mines Inc

PROPERTY NAME Bannockburn, Bannockburn Mine

DRILLING CONTRACTOR McKnight

ASSAYER Chemex

PURPOSE OF HOLE to test "mine structure" at depth

HOLE No. 85-44

CLAIM NAME/No.

COMMENCED Nov 22, 1985

FINISHED Nov 24, 1985

FINAL DEPTH 438

PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 11.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11.0 | 238.5 | | Cherty Metasediments (Altered, Semi Pelitic/Psammitic Sediments) | | | | | | | | | | | |
| | | | -f-med gr, sil, grey, qtzitic rk, argillitic bands of mudstone within an altered | | | | | | | | | | | |
| | | | psammite | | | | | | | | | | | |
| | | | -may have hb in more mafic layers @ 29.0' | | | | | | | | | | | |
| | | | -15.0-17.0; intense kspar alt, not veined | | | | | | | | | | | |
| | | | -25.0; well banded, kfeldspathized with ep, bio, hb?, hem+cc in distinct layers, py | | | | | | | | | | | |
| | | | concentrated with ep rich layers, but dissem throughout | | | | | | | | | | | |
| | | | -25.0; fol/banding @28° | | | | | | | | | | | |
| | | | -36.5; rotten,vuggy chl, ep, cc hem rk, very strongly altered | 36.5 | 42.0 | 5.5 | 13035F | <0.0006 | | | | | | |
| | | | -37.0-42.0; kspar-qtz-cc vein with bio, ep, py, lower ctc sharp @ 66°, vein seems to | | | | | | | | | | | |
| | | | have relic banding, therefore a replacement feature?, | 49.8 | 53.0 | 3.2 | 13036 | <0.0006 | | | | | | |
| | | | -50.0-53.0; intensely altered zone with strong hem, ep, py, cc, chl | | | | | | | | | | | |
| | | | -55.0-56.0; banded alt as above | 57.7 | 59.0 | 1.3 | 13037 | <0.0006 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-44

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 57.6-59.0; adv banded alt, strongly fragmented, "stockwork" of ep-py-cc veins or fract | | | | | | | | | | | |
| | | | fillings | | | | | | | | | | | |
| | | | -60.0; fol/banding @ 42° | | | | | | | | | | | |
| | | | -66.5-68.0; sil, kspar zone | | | | | | | | | | | |
| | | | -69.5-70.5; minor "proto" banded alteration, | 72.8 | 73.8 | 1.0 | 13038 | <0.0006 | | | | | | |
| | | | -73.0-73.5,80.5-83.5; adv banded alt, 82.0; xcutting kspar-qtz-cc vein with py @ 43° | | | | | | | | | | | |
| | | | assoc with strong graphite | 80.5 | 83.5 | 3.0 | 13039 | <0.0006 | | | | | | |
| | | | -84.0; fol/banding @ 45° | | | | | | | | | | | |
| | | | -84.0-91.0; strong banded alteration, some massive green zones, 93.0-96.0; sim | 94.0 | 96.0 | 2.0 | 13040 | <0.0006 | | | | | | |
| | | | -97.2; 1" cc-qtz-py vein xcutting @ 48°, vein cuts adv banded alteration | 96.0 | 97.8 | 1.8 | 13041 | <0.0006 | | | | | | |
| | | | -from 104', alt becomes much more intense, | | | | | | | | | | | |
| | | | -108.0-110.0; strong adv banded alteration, with some massive alt , str py,hem | 108.0 | 110.0 | 2.0 | 13042 | <0.0006 | | | | | | |
| | | | -113.0; fol/banding @ 42° | | | | | | | | | | | |
| | | | -128.0-130.5; intense coloured alt with increased hem, sulphides, no apprec veining | 128.0 | 130.5 | 2.5 | 13043 | <0.0006 | | | | | | |
| | | | -136.0; 3½" cc-qtz-py vein with hem, xcutting fairly sharp ctc @ 58° | 135.5 | 136.7 | 1.2 | 13044 | <0.0006 | | | | | | |
| | | | -141.5; fol/banding @ 48 (where banding still visible) | | | | | | | | | | | |
| | | | -146.7-147.8; massive and succrosic, pale green, siliceous talc-cc alteration, impure | | | | | | | | | | | |
| | | | steatite rk?, minor musc, py | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No 85-44

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 147.8-148.6; adv banded alt | | | | | | | | | | | | |
| | | | -148.6-151.0; sim 146.7-147.8, 153.6-158.0; sim with additional dark chl | | | | | | | | | | | | |
| | | | -166.0-176.0; zone of poor core recovery, vuggy, porous rk, probable fault? | | | | | | | | | | | | |
| | | | -178.0-180.5; adv banded alt | | | | | | | | | | | | |
| | | | -179.5; fol/banding @ 46° | | | | | | | | | | | | |
| | | | -180.5-181.5; essentially a microgranite, minor qtz | | | | | | | | | | | | |
| | | | -186.5-190.5; cherty, jasperoid zone, essentially banded, pale green steatite, | | | | | | | | | | | | |
| | | | -198.7; marginally xcutting qtz-cc vein with hem, minor py , 1½" tw | 198.0 | 199.0 | 1.0 | 13045 | <0.0006 | | | | | | | |
| | | | -198.0; fol/banding @ 62° | | | | | | | | | | | | |
| | | | -201.5-238.5, zone of variable alteration,banaded, adv banded, massive types, includes | | | | | | | | | | | | |
| | | | steatite @228,2', all alteration appears conformable | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 238.5 | 256.8 | | Transition Zone (Contact Zone, Transitional, Altered/HYbrids) | | | | | | | | | | | | |
| | | | -essentially a kspar zone of syenitic/granitoid rks with relics of banded alt and | | | | | | | | | | | | |
| | | | bedding, probable dislocated blocks or xenoliths of assimilated material | | | | | | | | | | | | |
| | | | -irreg patches of cc+py, random | | | | | | | | | | | | |
| | | | -some strong bio growth, hydrous dev't | | | | | | | | | | | | |
| | | | -255.0; broken core, poor recovery | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-44

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| 256.8 | 438.0 | | Syenodiorite | | | | | | | | | | | |
| | | | -coarse, dark grey to pink, kspar,bio, plag, rk, minor qtz, and in part heavily | | | | | | | | | | | |
| | | | carbonatized, up to 5% dissem py | | | | | | | | | | | |
| | | | -267.0; vuggy, qtz-kspar-bio,ep vein,½" | | | | | | | | | | | |
| | | | -294.2-302.0; alteration zone, with steatite type, some chl, patches of cc, minor ep | | | | | | | | | | | |
| | | | -300.4-301.0; cc vein, 2½" tw kspar-qtz, diffuse, borders shear zone | | | | | | | | | | | |
| | | | -304.6-322.0; shear/cataclastic zone, bordered by small vuggy fluorite vein @ 85°, | 304.0 | 305.0 | 1.0 | 13046 | <0.0006 | | | | | | |
| | | | shear zone includes variety of qtz veins and stringers, chl schists etc, | 305.0 | 306.0 | 1.0 | 13047 | 0.0009 | | | | | | |
| | | | -308.4; 2½" tw xcutting qtz-cc vien @ 62°, shearing @ 66-70° | 306.0 | 308.00 | 2.0 | 13048 | <0.0006 | | | | | | |
| | | | -305.0-306.0; sericitic schist with qtz-cc-fluor vein at start of shear | 308.0 | 309.2 | 1.2 | 13049 | 0.0360 | | | | | | |
| | | | -314.5-316.0; conformable qtz-cc vein, 1½" tw | 309.2 | 312.0 | 2.8 | 13050 | <0.0006 | | | | | | |
| | | | -316.0-318.0; sheared syenite, shearing intensity decreasing with depth | 312.0 | 313.0 | 1.0 | 13351 | <0.0006 | | | | | | |
| | | | | 313.0 | 314.5 | 1.5 | 13352 | <0.0006 | | | | | | |
| | | | | 314.5 | 316.0 | 1.5 | 13353 | <0.0006 | | | | | | |
| | | | | 316.0 | 318.0 | 2.0 | 13354 | <0.0006 | | | | | | |
| | | | 351.0-363.0; epidotized zone, granoblastic kspar-ep ("green granite") | | | | | | | | | | | |
| | | | 364.8; diffuse, conformable? qtz-kspar-cc vein, somewhat vuggy, 1½" | | | | | | | | | | | |
| | | | 365.6; appears to be relic banding in med syenodiorite, perhaps this body is replacement? | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ____________________

COMPANY NAME ____________________

PROPERTY NAME ____________________

HOLE No 85-44

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 367.0-368.5; carbonatized syenitic rk, cc esp prevalent on fract'c, @ 50° | | | | | | | | | | | |
| | | | 370.0-370.7; possible shear zone/cataclastic zone, sim to shearing and brecciation | 370.0 | 371.0 | 1.0 | 13355 | <0.0006 | | | | | | |
| | | | of 304.6-322.0 | | | | | | | | | | | |
| | | | -413.6; chlorite "vein" @ 65°, start of chloritic alteration of syenite, probable | | | | | | | | | | | |
| | | | influence of minor shearing | | | | | | | | | | | |
| | | | -418.5-419.2; vuggy, breccia zone of chl-cc within an apparent cataclastic or crush | 418.5 | 419.6 | 1.6 | 13356 | <0.0006 | | | | | | |
| | | | zone | 419.6 | 422.2 | 2.6 | 13357 | <0.0006 | | | | | | |
| | | | -419.2-422.2;heavily carbonatized cataclastic zone or breccia, minor dissem py | 422.2 | 424.4 | 2.2 | 13358 | <0.0006 | | | | | | |
| | | | -422.2-424.4; kspar-qtz-cc vein with ep, hem, and blue tinted qtz or cordierite, | 424.4 | 428.2 | 3.8 | 13359 | <0.0006 | | | | | | |
| | | | zone is rather diffuse with ctc's @ 42° | 428.2 | 430.3 | 2.1 | 13360 | <0.0006 | | | | | | |
| | | | -429.3-430.3; 1" qtz-cc vein @ 60° in carbonatized, epidotized syenite | 430.3 | 431.3 | 1.0 | 13361 | <0.0006 | | | | | | |
| | | | -430.3-431.3; altered syenite, minor brecciation, dissem py | 431.3 | 432.3 | 1.0 | 13362 | <0.0006 | | | | | | |
| | | | -431.3-432.3; 1½" qtz-cc vein @ 70°, much chl and py blebs, broken core, very diffuse | | | | | | | | | | | |
| | 438.0 | | | | | | | | | | | | | |
| | EOH | | Note: hole terminated at 438' due to caving and mismatch of core barrel to remaining | | | | | | | | | | | |
| | | | core in hole; removing rods resulted in loss of hole | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | | HOLE SURVEY | | |
|---|---|---|---|---|
| | 2+00N | METHOD: hf | | |
| | 2+51E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | | 656 | ------ | -58° |
| CORE SIZE | BQ | | | |
| LOGGED BY | B. King | | | |
| DATE LOGGED | Nov 26, 1985 | | | |
| MAP REFERENCE No. | | | | |
| | Dip -60° | | | |
| | Azm 261° | | | |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to test "mine structure" at depth

HOLE No. 85-45
CLAIM NAME/No.
COMMENCED Nov 24, 1985
FINISHED Nov 26, 1985
FINAL DEPTH 656'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 9.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9.0 | 267.0 | | Cherty Metasediments (Semi Pelitic/ Psammitic Altered Sediments) | | | | | | | | | | | |
| | | | -upper 13' severely surface altered, ground core, variety of low angle fract' or | | | | | | | | | | | |
| | | | faults | | | | | | | | | | | |
| | | | -22.0-28.5; typical med- f gr qtzitic sediment with banded alteration | | | | | | | | | | | |
| | | | -28.5-38.0; severely altered zone with kspar-qtz-cc vein (+hem, bio, py) at 28.5 & | 28.5 | 31.3 | 2.8 | 13363F | <0.002 | | | | | | |
| | | | 32.4 , brecciated or xenolithic fragments with banded alteration from | 31.3 | 32.4 | 1.1 | 13364 | <0.002 | | | | | | |
| | | | - 36.0-38.0, banded alteration continues to 41.8 | 32.4 | 36.0 | 1.6 | 13365 | <0.002 | | | | | | |
| | | | | 36.0 | 38.0 | 2.0 | 13366 | <0.002 | | | | | | |
| | | | -41.8-46.7; very weak banded alteration, minor kspar & hem on fol planes, few ep-cc | | | | | | | | | | | |
| | | | bands | | | | | | | | | | | |
| | | | -46.7-75.0; banded and advanced banded alteration in cherty metasediments, 69.6-70.1; | 69.4 | 70.4 | 1.0 | 13367 | <0.002 | | | | | | |
| | | | xcutting kspar-qtz-cc vein with bio, py, upper ctc @ 68°, assoc with | | | | | | | | | | | |
| | | | brecciation and disrtupted banding | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No 85-45

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au |
|---|---|---|---|---|---|---|---|---|
| | | | -71.0; fol/banding @ 32° | | | | | |
| | | | -75.0-76.0; ground and broken core, poor drilling practices | | | | | |
| | | | -80.5; xcutting cc-py vein @ 80°, ½" | | | | | |
| | | | -85.8-86.0; kspar-qtz-cc vein, xcutting or pod, intersects ep-py-cc band | 85.5 | 86.5 | 1.0 | 13368 | <0.002 |
| | | | -106.5-116.6; advanced to weakly banded alteration | | | | | |
| | | | -116.8-117.7; rk is totally replaced by microgranite/aplite, remaining conformable | | | | | |
| | | | -117.7-131.5; advanced banded alteration, including strong chl, hem, cc, py, minor | | | | | |
| | | | brecciation and up to 10% py although not mobilized type, 127.1-127.8 is | 119.3 | 122.5 | 3.2 | 13369 | <0.002 |
| | | | syenite replacement, and similar 129.1-131.5 (conformable) | | | | | |
| | | | -126.5; fol/banding @ 28° | | | | | |
| | | | -131.5-140.6; Shear Zone, strong "mine structure", strong kspar alteration, appears to | 130.5 | 131.5 | 1.0 | 13370 | <0.002 |
| | | | be parallel to the banding of the CM, zone is irreg, but strongly | 131.5 | 133.5 | 2.0 | 13371 | <0.002 |
| | | | carbonatized, includes brecciation, cataclasis, possible tensional | 133.5 | 136.4 | 2.9 | 13372 | <0.002 |
| | | | fract's with cc, 135.5-136.4; 2, 3" syenitic/pegmatitic veins?, 193.3- | 136.4 | 139.3 | 2.9 | 13373 | <0.002 |
| | | | 140.6; sim 135.5-136.4, | 139.3 | 140.6 | 1.3 | 13374 | <0.002 |
| | | | -shear zone averages 62° to core axis | 140.6 | 141.6 | 1.0 | 13375 | <0.002 |
| | | | -145.0; fol/banding @ 16°, banding rotated adjacent shear zone | | | | | |
| | | | -142.0-156.5; advanced banded alteration, incl 2" xcutting kspar-qtz-cc vein @ 152.8 | 152.4 | 153.4 | 1.0 | 13376 | <0.002 |

# Diamond Drill Record

DATE LOGGED ____________________

COMPANY NAME ____________________

PROPERTY NAME ____________________

HOLE No. 85-45

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| | | | -156.5-166.2; massive potassic alteration, virtually syenitic/pegmatitic replacement, | | | | | | | | | | | |
| | | | or intrusion, minor brecciation, and minor shear (65°) @ 158.0', lower | | | | | | | | | | | |
| | | | contact sharp @ 80° | | | | | | | | | | | |
| | | | -166.2-179.0; advanced banded alt, begins to look like protobreccia 170-171, strongly | | | | | | | | | | | |
| | | | carbonatized with "stockwork-like" fracture filling cc, OM banding still | 170.5 | 175.2 | 4.7 | 13377 | <0.002 | | | | | | |
| | | | visible, strong brecciation and shearing developes with intense potassic | | | | | | | | | | | |
| | | | - alteration, and pegmatitic "veining", braided fabric develops with gen | 175.2 | 179.0 | 3.8 | 13378 | <0.002 | | | | | | |
| | | | increase in dissem py content (up to 5%) | | | | | | | | | | | |
| | | | -179.0-192.2; massive-green alteration, consists of essentially zones of chl rimmed | | | | | | | | | | | |
| | | | withep, hem, cc crosscut by kspar stringers, with dissem hem (barite?) | | | | | | | | | | | |
| | | | throughout, some zones appear annealed, unusual alt, perhaps new facies? | | | | | | | | | | | |
| | | | -188.6-189.8; chl-cc breccia zone within the massive alteration | 188.6 | 190.4 | 1.8 | 13379 | <0.002 | | | | | | |
| | | | -192.2-201.0; breccia zone with chloritic frag's in qtz-ferrugenous cc cement, some | 190.4 | 194.0 | 3.6 | 13380 | <0.002 | | | | | | |
| | | | poor core recovery, vuggy with massive alteration with dissem py, probable | 194.0 | 198.0 | 4.0 | 13381 | <0.002 | | | | | | |
| | | | continuous brecciation or protobrecciation, but not distinct | 198.0 | 201.0 | 3.0 | 13382 | <0.002 | | | | | | |
| | | | -201.0-206.0; annealed, granoblastic kspar-qtz rk with some chl patches, and few cc | | | | | | | | | | | |
| | | | stringers | | | | | | | | | | | |
| | | | 206.0-213.0; massive and very advanced alteration, but still showing OM banding | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No. ______________________

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -212.0; fol/banding @ 32° | | | | | | | | | | | |
| | | | -brecciation begins at 213.0, but not consistant, alternating with varying banded | | | | | | | | | | | |
| | | | alteration | | | | | | | | | | | |
| | | | -219.2; diffuse pod of kspar-qtz-ep-cc with up to 5% py | | | | | | | | | | | |
| | | | -223.5-224.3; kspar-qtz-cc zone bordering a minor breccia, no sulphides, apparent | | | | | | | | | | | |
| | | | relationship between small pegmatitic or potassic zones and marginal | | | | | | | | | | | |
| | | | brecciation, ie; possible rotational fabric on periphery of zones? | | | | | | | | | | | |
| | | | -229.0; fol/banding @ 10° | | | | | | | | | | | |
| | | | -231.7-239.6; breccia/shear zone sim to 171.0-179.0, but better developed, zone @ 85° | 230.7 | 231.7 | 1.0 | 13383 | <0.002 | | | | | | |
| | | | unit is well attacked and partially assimilated, more uniform | 231.7 | 236.0 | 4.3 | 13384 | <0.002 | | | | | | |
| | | | | 236.0 | 239.6 | 3.6 | 13385 | <0.002 | | | | | | |
| | | | | 239.6 | 240.6 | 1.0 | 13386 | <0.002 | | | | | | |
| | | | -239.6-248.0; block of cherty metasediments with adv banded alteration in varying | | | | | | | | | | | |
| | | | stages of decomposition and assimilation, with qtz-kspar-cc stringers | 247.0 | 248.0 | 1.0 | 13387 | <0.002 | | | | | | |
| | | | and carbonatization, possible barite? | 248.0 | 252.7 | 4.7 | 13388 | <0.002 | | | | | | |
| | | | - 248.0-254.7; crush/shear zone, very chloritic, black, possible tourmaline | 252.7 | 254.3 | 1.6 | 13389 | <0.002 | | | | | | |
| | | | kspar frag's and relics, 5% py dissem | 254.3 | 256.0 | 1.7 | 13390 | 0.006 | | | | | | |
| | | | | 256.0 | 262.0 | 6.0 | 13391 | 0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 85-45

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| | | | 254.7-267.0; block of massive alteration with traces of relic bedding/ | 262.0 | 267.0 | 5.0 | 13392 | <0.002 | | | | | | |
| | | | banding, tourmaline+cc+qtz | 267.0 | 268.0 | 1.0 | 13393 | <0.002 | | | | | | |
| | | | | | | | | | | | | | | |
| 267.0 | 656.0 | | Mafic Syenite/Syenodiorite | | | | | | | | | | | |
| | | | -kspar-bio,cc rk, grey-pink, generally med xtalline with pegmatitic segregations | | | | | | | | | | | |
| | | | -287.6; 1" qtz-cc stringer with bio, minor py @ 45° | | | | | | | | | | | |
| | | | -336.4-336.8; qtz vein with chl, minor cc, py @ 80° | 336.0 | 337.0 | 1.0 | 13394 | <0.002 | | | | | | |
| | | | -357.8-358.5; possible mafic dike or mafic, assimilated xenolith, includes zone of | | | | | | | | | | | |
| | | | sil, ep, talc and carbonatized, qtz-cc stringer with py below zone, 2" | 358.3 | 359.3 | 1.0 | 13395 | 0.004 | | | | | | |
| | | | -370.0; 4" kspar-qtz-cc-ep-vein with diffuse ctc's, non economic | | | | | | | | | | | |
| | | | -395.4-397.6; possible altered mafic dike/xenolith, sim 357.8-358.5, but without qtz | | | | | | | | | | | |
| | | | stringer | | | | | | | | | | | |
| | | | -423.3-447.3; Shear Zone/Cataclastic Zone | | | | | | | | | | | |
| | | | -sheared syenodiorite, generally carbonatized, with tourmaline, chl, bio and qtz-kspar | 422.3 | 423.3 | 1.0 | 13396 | 0.002 | | | | | | |
| | | | stringers or ribbons | 423.3 | 426.0 | 2.7 | 13397 | 0.002 | | | | | | |
| | | | -423.3; 2½" kspar-qtz-cc stringer @ 42°, with minor brecciation | 426.0 | 429.4 | 3.4 | 13398 | <0.002 | | | | | | |
| | | | -426.0-429.4; 2" qtz-kspar vein, minor cc, dissem py, more chloritic | 429.4 | 431.8 | 2.4 | 13399 | <0.002 | | | | | | |
| | | | -431.8-434.0; sheared syenodiorite with annealed kspar patches, cc, f gr | 431.8 | 434.0 | 2.2 | 13400 | <0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED ______

COMPANY NAME ______

PROPERTY NAME ______

HOLE No. 85-45

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | oz/ton Au | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -434.0-438.8; sheared in part, with massive alteration, sericitic, diss py | 434.0 | 438.8 | 4.8 | 13401 | <0.002 | | | | | | |
| | | | -443.8-447.3; coarse chloritic, cataclastic sheared syenite, blebs of cc | 438.8 | 441.5 | 2.7 | 13402 | <0.002 | | | | | | |
| | | | and ferrugenous cc+hem?barite in vuggy zone (1") | 441.5 | 443.8 | 2.3 | 13403 | 0.002 | | | | | | |
| | | | -429.0; shearing generally averages @ 35° | 443.8 | 447.3 | 3.5 | 13404 | <0.002 | | | | | | |
| | | | | 447.3 | 448.3 | 1.0 | 13405 | <0.002 | | | | | | |
| | | | 452.8-467.2; protobreccia in syenite, minor shearing, very irreg, strong carbonatization | | | | | | | | | | | |
| | | | annealed kspar patches, some tourmaline | | | | | | | | | | | |
| | | | -471.8-481.6; Shear/Cataclastic Zone, ksapr-qtz veining or pegmatite?, carbonatized | 470.8 | 471.8 | 1.0 | 13406 | <0.002 | | | | | | |
| | | | with cc blebs or pervasive dissem, with minor py , sericite and tourmaline | 471.8 | 474.8 | 3.0 | 13407 | <0.002 | | | | | | |
| | | | -474.8-476.4; syenite vein?, potassic zone, up to 5% py | 474.8 | 478.7 | 3.9 | 13408 | <0.002 | | | | | | |
| | | | -478.7-481.6; very strong sheared syenite with kspar-qtz-cc stringers (5") | 478.7 | 481.6 | 2.9 | 13410 | 0.024 | | | | | | |
| | | | tr cpy, ends with sericitic rk | 481.6 | 483.0 | 1.4 | 13411 | <0.002 | | | | | | |
| | | | | 483.0 | 484.8 | 1.8 | 13412 | 0.004 | | | | | | |
| | | | -483.0-484.8; protobreccia withsome qtz veining in syenite, 2" bull qtz, poor recovery | | | | | | | | | | | |
| | | | -495.6-496.0; bull qtz?, some chl, little mineralization | 495.5 | 496.5 | 1.0 | 13413 | <0.002 | | | | | | |
| | | | -501.0-502.0; vuggy, altered with cc, ep, hem, minor py, broken core, poor recovery | | | | | | | | | | | |
| | | | -520.5-521.5; minor cataclastic zone | | | | | | | | | | | |
| | | | -564.0; 3" cc-bio,qtz band or vein | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-45

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -575.2-577.0; possible mafic dike or mafic xenolith, carbonatized, chl-bio schist | | | | | | | | | | | |
| | | | -585.4-588.4; sim 575.2-577.0 @ 30° | | | | | | | | | | | |
| | | | -593.2; 2" qtz vein with large subhedral py, sharp ctc's @ 67, shearing evident on | 592.6 | 593.6 | 1.0 | 13414 | <0.002 | | | | | | |
| | | | lower ctc | | | | | | | | | | | |
| | | | -598.8-600.8; 1.4' vein of kspar-qtz with strong bio and py, pegmatitic | 598.8 | 600.8 | 2.0 | 13415 | <0.002 | | | | | | |
| | | | 601.8-609.5; shear zone, begins with protobreccia/protomylonite, carbonatized zone, | 600.8 | 601.8 | 1.0 | 13416 | <0.002 | | | | | | |
| | | | looks much like a mafic intrusive (severely altered), sheared @ 52°, 602.5- | 601.8 | 603.9 | 2.1 | 13417 | 0.002 | | | | | | |
| | | | 603.0, bull qtz, minor cc, massive tourmaline breccia with chl, bio, blebs | 603.9 | 608.3 | 4.4 | 13418 | <0.002 | | | | | | |
| | | | of py, very impressive zone of altered breccia! | 608.3 | 609.5 | 1.2 | 13419 | <0.002 | | | | | | |
| | | | -609.5-613.0; mafic dike, carbonatized, lower ctc @ 11°, sim 575.2-577.0 | | | | | | | | | | | |
| | | | -643.0-649.5; possible, very weak shearing and protobreccia, barren | | | | | | | | | | | |
| | 656.0 | | | | | | | | | | | | | |
| | EOH | | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 6+06N | METHOD: hf | | |
| 2+45E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | 432 | ------- | -45° |
| CORE SIZE BQ | | | |
| LOGGED BY B. King | | | |
| DATE LOGGED Nov 29, 1985 | | | |
| MAP REFERENCE No. | | | |
| Dip -45° | | | |
| Azm 261° | | | |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to test "mine structure" at depth

HOLE No. 85-47
CLAIM NAME/No.
COMMENCED Nov 26, 1985
FINISHED Nov 29, 1985
FINAL DEPTH 432'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 0.0 | 9.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9.0 | 71.5 | | Cherty (Banded) Metasediments | | | | | | | | | | | |
| | | | -9.0-30.0; surface weathering effects noted | | | | | | | | | | | |
| | | | -25.0-27.0; tectonic breccia, matrix supported, partially sheared, no signif min | | | | | | | | | | | |
| | | | -27.0; fol/banding @ 50° | | | | | | | | | | | |
| | | | 32.8-33.6; minor zone of ep,cc, py alteration | | | | | | | | | | | |
| | | | -39.0; fol/banding @ 41°, 40.5; fol/banding @ 10° and wavy | | | | | | | | | | | |
| | | | -40.0-41.5; kspar-qtz-cc-ep vein, pegmatitic, brecciated appears conformable | | | | | | | | | | | |
| | | | -55.0; fol/banding @ 30° | | | | | | | | | | | |
| | | | -71.0; fol/banding @ 53° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 71.5 | 78.6 | | Cherty, Semi Pelitic Metasediment | | | | | | | | | | | |
| | | | -similar to unit above, but has strong bio partings, appears sheared, minor "z" style | | | | | | | | | | | |
| | | | folding, dissem py. cc blebs throughout | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 85-47

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78.6 | 274.7 | | Cherty (Banded) Metasediments | | | | | | | | | | | |
| | | | -sim 9.0-71.5 | | | | | | | | | | | |
| | | | -83.0; fol/banding @ 43° | | | | | | | | | | | |
| | | | -84.7-86.0; qtz-kspar ep, cc, py vein or pod, associated with dip reversal in banding | 84.4 | 86.4 | 2.0 | 13420 | <0.002 | | | | | | |
| | | | probable closure feature | | | | | | | | | | | |
| | | | -94.0; possible "s" style parasitic fold | | | | | | | | | | | |
| | | | -110.0-116.0; intense, pervasive silicification | | | | | | | | | | | |
| | | | -137.5-138.4; advanced banded alteration | | | | | | | | | | | |
| | | | -150.0; fol/banding @ 28° | | | | | | | | | | | |
| | | | -169.4-171.7; kspar-qtz-very hematitic alt zone, with cc, diffuse conformable ctc's, | | | | | | | | | | | |
| | | | relics of CM, non economic | | | | | | | | | | | |
| | | | -.71.7-186.1; kspar-"microsyenite" zone, upper ctc diffuse, possible brecciation, | | | | | | | | | | | |
| | | | relic inclusions? | | | | | | | | | | | |
| | | | -186.1-188.2; silicified CM | | | | | | | | | | | |
| | | | -203.7-205.8; advanced banded alteration | | | | | | | | | | | |
| | | | -205.8-209.2; f gr syenitic alteration, replacement or intrusion | | | | | | | | | | | |
| | | | -212.8-215.8; sim 205.8-209.2, strong cc, minor hem | | | | | | | | | | | |
| | | | -216.5; fol/banding @ 30° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ____________________

COMPANY NAME ____________________

PROPERTY NAME ____________________

HOLE No. 85-47

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| | | | -227.0-246.5; varieties of banded, (weak-advanced) alteration, minor brecciation, | | | | | | | | | | | |
| | | | possible symm folding @ 241.5 | | | | | | | | | | | |
| | | | -246.5-247.5; diffuse, conformable qtz-cc vein with ep, few spks py, minor brecciation | 246.5 | 247.5 | 1.0 | 13421 | <0.002 | | | | | | |
| | | | -252.0; fol/banding @ 32° | | | | | | | | | | | |
| | | | -262.2-264.7; very advanced banded alt, trending to massive alt, totally replacement | | | | | | | | | | | |
| | | | type at end of interval | | | | | | | | | | | |
| | | | 264.7-268.3; very adv banded alt with some brecciation, very heavy cc | | | | | | | | | | | |
| | | | 268.3-270.3; massive alteration | | | | | | | | | | | |
| | | | -270.3-274.7; adv banded alteration | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 274.7 | 432.0 | | Syenite/Syenodiorite | | | | | | | | | | | |
| | EOH | | -med-coarse biotite syenite | | | | | | | | | | | |
| | | | -274.7-281.0; elevated py to 7% | | | | | | | | | | | |
| | | | -massive, structureless, med xtalline to 297.0, coarse to 315.0, increased mafic | | | | | | | | | | | |
| | | | content to 346.5 | | | | | | | | | | | |
| | | | -346.5-347.8; microsyenite "vein" or replacement zone with diffuse ctc's | | | | | | | | | | | |
| | | | -350.3-358.6; Shear Zone/Cataclastic Zone, 350.9, 1½" qtz-kspar,cc , conformable vein | 350.3 | 352.3 | 2.0 | 13422 | 0.008 | | | | | | |
| | | | 351.3; 1" qtz vein, minor cc, granular qtz | 352.3 | 354.0 | 1.7 | 13423 | <0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 85-47

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 352.0; sim 351.3, 352.7-353.1; qtz vein, minor cc, 353.4; 2" qtz vein, | 354.0 | 356.5 | 2.5 | 13424 | 0.034 | | | | | | |
| | | | 355.0; qtz vein with cc, minor py, 355.8; 1½" qtz vein, minor cc, py, | 356.5 | 358.6 | 2.1 | 13425 | <0.002 | | | | | | |
| | | | veining within shear zone is sinuous, possibly folded, minor breccia, shear | | | | | | | | | | | |
| | | | averages 40° | | | | | | | | | | | |
| | | | -358.6-367.8; med xtalline syenite/syenodiorite | | | | | | | | | | | |
| | | | -367.8-369.0; altered zone, consisting of 1½" qtz-vein with minor cc, bio, py, hem | 367.7 | 369.2 | 1.5 | 13426 | <0.002 | | | | | | |
| | | | at 45° | | | | | | | | | | | |
| | | | -369.0-401.0; med xtalline syenite | | | | | | | | | | | |
| | 432.0 | | -401.0-432.0; coarse mafic syenodiorite | | | | | | | | | | | |
| | EOH | | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 6+06N |
| | 2+45E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Nov 30, 1985 |
| MAP REFERENCE No. | |
| | Dip -60° |
| | Azm 261 |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 556 | ----- | -58° |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn, Bannockburn Mine
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE To test "Mine Structure" at depth

HOLE No. 85-48
CLAIM NAME/No.
COMMENCED Nov 29, 1985
FINISHED Nov 30, 1985
FINAL DEPTH 556
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5.0 | | Casing | | | | | | | | | | | |
| 5.0 | 6.5 | | Ground core, poor recovery | | | | | | | | | | | |
| 6.5 | 187.0 | | Cherty Banded Metasediment (Silicified, Semi Pelitic/Psammitic Sediments) | | | | | | | | | | | |
| | | | -surface weathering effects to 17' | | | | | | | | | | | |
| | | | -vaguely banded, cherty impure qtzite or psammite, with bio/chl partings throughout | | | | | | | | | | | |
| | | | -generally f gr, comp layering is often contorted, broken, prob boudins, minor | | | | | | | | | | | |
| | | | pervasive carbonatization, syngeneitic py dissem | | | | | | | | | | | |
| | | | -27.0-29.4; fault zone, incl 4" "air pocket" as reported by drillers, zone is green | | | | | | | | | | | |
| | | | ep, cc, chl, qtz, low density-vuggy rk, some hem, lower ctc @ 60°, possible | | | | | | | | | | | |
| | | | sol'n breccia | | | | | | | | | | | |
| | | | -35.0; fol/banding @ 54° | | | | | | | | | | | |
| | | | -58.7; minor conformable 1" qtz-cc stringer with minor py | | | | | | | | | | | |
| | | | -60.0; fol/banding @ 32° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| | | | -67.5; possible "z" style parasitic folding | | | | | | | | | | | |
| | | | -71.0-76.5; ep-cc-py alteration, precursor to banded alt type | | | | | | | | | | | |
| | | | -97.6-99.5; xcutting? sharp contact qtz-ksar-sericite vein with bio, py, @ 90° | 97.6 | 99.5 | 1.9 | 13427F | <0.002 | | | | | | |
| | | | -101.0; fol/banding @ 28° | | | | | | | | | | | |
| | | | -110.7; 1" and ½" conformable qtz vein with minor cc, py, bio on ctc's | 111.5 | 112.5 | 1.0 | 13428 | <0.002 | | | | | | |
| | | | 120.5-122.7; very sil zone, incl possible qtz vein with minor cc and dissem py, poss | | | | | | | | | | | |
| | | | xcutting and very diffuse | 120.5 | 122.7 | 2.2 | 13429 | <0.002 | | | | | | |
| | | | -147.0; fol/banding @ 35°, possible folding | | | | | | | | | | | |
| | | | -153.5-156.6; very weak banded alt, minor ksar,ep,cc | | | | | | | | | | | |
| | | | -161.0-165.3; variety of banded alt, very sil, virtually qtz veined, with ep, cc, hem | 161.0 | 165.3 | 4.3 | 13430 | <0.002 | | | | | | |
| | | | py blebs and kspar | | | | | | | | | | | |
| | | | -171.0; fol/banding @ 30° | | | | | | | | | | | |
| | | | -weakly banded alt to 176', possible folding at 181, largely unaltered to 187 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 187.0 | 197.6 | | Medium Syenite (Partially Altered Syenite/Syenodiorite) | | | | | | | | | | | |
| | | | -pink, granoblastic, homogen | | | | | | | | | | | |
| | | | -few ep zones, this unit may actually be metasomatic replacement body, replacing the | | | | | | | | | | | |
| | | | cherty metasediment in the contact zone of the syenite body | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -lower contact @ 60°, moderately sharp, upper ctc is irregular with cc, py also @ 60° | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 197.6 | 318.7 | | Cherty Metasediments( Silicified, Altered Pelitic/SemiPelitic and Psammitic Sediments) | | | | | | | | | | | | |
| | | | -banded alteration to 201.7 | | | | | | | | | | | | |
| | | | -201.7-204.2; syenite (sim to 187.0-197.6) | | | | | | | | | | | | |
| | | | -204.2-211.1; banded alt, syenite band @ 206 (1'),microfaulting @ 75°, includes some | | | | | | | | | | | | |
| | | | shearing and poss folding, closure zone? | | | | | | | | | | | | |
| | | | -199.0; fol/banding @ 32° | | | | | | | | | | | | |
| | | | -211.2-212.7; syenite | | | | | | | | | | | | |
| | | | -216.4-217.6; microsyenite/aplitic band | | | | | | | | | | | | |
| | | | -222.7-224.4; epidotized syenite with cc, trends toward massive alt | | | | | | | | | | | | |
| | | | -224.9-226.9; banded alt | | | | | | | | | | | | |
| | | | -226.9-230.0; massive alteration, replacement by kspar-syenitic mat'l | | | | | | | | | | | | |
| | | | -230.0-234.7; advanced banded alt, minor brecciation | | | | | | | | | | | | |
| | | | -234.7-238.8; banded alt | | | | | | | | | | | | |
| | | | -238.8-242.3; syenitic replacement, massive alteration | | | | | | | | | | | | |
| | | | -242.3-254.3; banded alteration, borders on advanced banded alt | | | | | | | | | | | | |
| | | | -246.5; fol/banding @ 34° | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ____________________
COMPANY NAME ____________________
PROPERTY NAME ____________________

HOLE No. 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| | | | -254.3-255.4; syenite zone, microcrystalline, sim to 187.0-197.6, lower ctc conformable | 254.3 | 255.4 | 1.1 | 13431 | <0.002 | | | | | | |
| | | | 255.4-259.6; bio,tourmaline, cc breccia zone, with shearing at 75°, but variable, | 255.4 | 259.6 | 4.2 | 13432 | <0.002 | | | | | | |
| | | | some microfaulting, with strongest breccia 255.4-259.0 | 259.6 | 261.0 | 1.4 | 13433 | <0.002 | | | | | | |
| | | | -261.0-273.1; banded alteration | | | | | | | | | | | |
| | | | -269.0; fol/banding @ 23° | | | | | | | | | | | |
| | | | -273.1-276.8; m xtalline syenite, metasommatic replacement-massive alteration, minor | | | | | | | | | | | |
| | | | ep, cc, conformable lower ctc | | | | | | | | | | | |
| | | | -276.8-281.8; adv banded alt with hem, cc, chl, py, ep (typical) | | | | | | | | | | | |
| | | | -281.8-289.5; med xtalline syenite (sim 187.0-197.6) | | | | | | | | | | | |
| | | | -289.5-305.9; very adv banded alt, bordering on massive replacement, parts alomost | | | | | | | | | | | |
| | | | totally replaced by chl-tourmaline-cc | | | | | | | | | | | |
| | | | -305.0; fol/banding @ 48° | | | | | | | | | | | |
| | | | -305.9-306.6; med xtalline syenite (sim 187.0-197.6) | | | | | | | | | | | |
| | | | -306.6-308.7; sim 289.5-305.9 | | | | | | | | | | | |
| | | | -308.7-310.8; med xtalline mafic syenite | | | | | | | | | | | |
| | | | -310.8-312.7; advanced banded alt | | | | | | | | | | | |
| | | | -312.7-314.8; med xtalline syenite/syenodiorite | | | | | | | | | | | |
| | | | -314.8-318.7; very advanced banded to massive coloured alteration | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ____________________
COMPANY NAME ____________________
PROPERTY NAME ____________________

HOLE No. 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| | | | -315.0; fol/banding @ 18° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 318.7 | 347.0 | | Altered/Hybrid Syenodiorite (Transitional Rock, Contact Zone) | | | | | | | | | | | |
| | | | -321.5-326.5; coarse grey syenodiorite | | | | | | | | | | | |
| | | | -326.7; xenolith or relic of cherty metasediment with very adv banded alt or shear | | | | | | | | | | | |
| | | | -331.3-347.0; coarse, vuggy pink syenite with cc, py, core is sandy, very poor reco'y | | | | | | | | | | | |
| | | | lower 3' epidotized | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 347.0 | 370.0 | | Medium Syenite (Syenite and Syenodiorite) | | | | | | | | | | | |
| | | | -Coarse, pink, slighly vuggy syenite, generally homog, bio phenocrysts?, spinifex like | | | | | | | | | | | |
| | | | -355.7-370.0; altered, brecciated syenodiorite, minor shearing, essentially bio, chl, | 355.7 | 358.0 | 2.3 | 13434 | <0.002 | | | | | | |
| | | | schist, with poss tourmaline, blebby cc, corroded frags of kspar rk, dissem | 358.0 | 362.0 | 4.0 | 13435 | <0.002 | | | | | | |
| | | | py, 366.0-370.0, largely a protobreccia, massive bio alteration with strong | 362.0 | 366.0 | 4.0 | 13436 | <0.002 | | | | | | |
| | | | kspar | 366.0 | 367.0 | 1.0 | 13437 | 0.002 | | | | | | |
| | | | | | | | | | | | | | | |
| 370.0 | 381.3 | | Coarse Syenite/Syenodiorite | | | | | | | | | | | |
| | | | -coarse, hydrous alkali syenite. long fibrous biotite xtals, somewhat vuggy, | | | | | | | | | | | |
| | | | generally, this rock is either a massive potassic replacement feature, or | | | | | | | | | | | |

very hydrous intrusive, pegmatitic

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No. 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| 381.3 | 511.0 | | Medium Syenite/Syenodiorite | | | | | | | | | | | |
| | | | -sim 347.0-370.0, dissem py, uniform, massive rk | | | | | | | | | | | |
| | | | -415.8-416.4; shear zone @ 85°, with qtz-cc veining (or pods) | 415.6 | 416.6 | 1.0 | 13438 | <0.002 | | | | | | |
| | | | -467.0-471.0; coarse bio-syenodiorite | | | | | | | | | | | |
| | | | -471.0-476.2; pink, alkali syenite, lower 1.5' is sericitized with strong kspar, ep, cc | 474.9 | 476.2 | 1.3 | 13439 | <0.002 | | | | | | |
| | | | -476.2-493.8; Shear/cataclastic zone, incl protobreccia, protoshear, sheared syenite, | 476.2 | 480.8 | 4.6 | 13440 | <0.002 | | | | | | |
| | | | with strong carbonatization, numerous small qtz-cc stringers, pinkish qtz | 480.8 | 483.2 | 2.4 | 13441 | <0.002 | | | | | | |
| | | | and kspar in ribbons or stringers, qtz frag's rimmed with cc, dissem py, | 483.2 | 484.6 | 1.4 | 13442 | <0.002 | | | | | | |
| | | | -489.3-492.0; strong shearing with 3, 1" qtz-cc stringers + 1, 7" vein, | 484.6 | 488.0 | 3.4 | 13443 | 0.004 | | | | | | |
| | | | with tourmaline and hem, lower 6" quickly loses cataclastic texture | 488.0 | 489.3 | 1.3 | 13444 | <0.002 | | | | | | |
| | | | | 489.3 | 492.0 | 2.7 | 13445 | 0.002 | | | | | | |
| | | | | 492.0 | 493.8 | 1.8 | 13446 | <0.002 | | | | | | |
| | | | -493.8-501.7; med xtalline syenite | | | | | | | | | | | |
| | | | -501.7-503.3; qtz-kspar-cc vein @ 35° with some minor shearing, conformable, includes | 501.3 | 503.5 | 2.2 | 13447 | <0.002 | | | | | | |
| | | | very strong local py (to SM) | | | | | | | | | | | |
| | | | -506.0; 3" vug filled with barite, cc, ep, py, generally bright to earthy red | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-48

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 511.0 | 556.0 | | Coarse Syenite/Syenodiorite | | | | | | | | | | | |
| | EOH | | -large kspar xtals, minor protobrecciation | | | | | | | | | | | |
| | | | 544.6-552.9; shear/cataclastic zone, shearing @ 44°, 3½" kspar-qtz-cc vein with py | 546.1 | 547.1 | 1.0 | 13448 | 0.004 | | | | | | |
| | | | and cpy, conformable, 551.2; sim 1" vein, and 552.2-552.9; kspar- qtz-cc | 547.1 | 550.6 | 3.5 | 13449 | 0.006 | | | | | | |
| | | | pods, non conformable veining | 550.6 | 551.6 | 1.0 | 13450 | <0.002 | | | | | | |
| | | | | 551.6 | 552.9 | 1.3 | 13451 | <0.002 | | | | | | |
| | | | - | | | | | | | | | | | |

MONO GOLD MINES INC.

NORTHEAST AREA

BANNOCKBURN PROPERTY

Madoc Township, Ontario

Diamond Drill Logs

and

Assay Summary Sheets

DDH #86-1 to #86-11 inclusive

and #85-27E

To accompany Report by

Brian E. King, Geologist

dated March 20, 1986

# Diamond Drill Record

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 2408N | METHOD: hf | | |
| 4006E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | eoh | ------ | -46° |
| CORE SIZE BQ | | | |
| LOGGED BY B. King | | | |
| DATE LOGGED Jan 12/86 | | | |
| MAP REFERENCE No. | | | |
| Dip -47° | | | |
| Azm 235° | | | |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn, NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE To test continuity of quartz veins "z" and "d"

HOLE No. 86-1
CLAIM NAME/No.
COMMENCED Jan 9/86
FINISHED Jan10/86
FINAL DEPTH 164ft
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 7.0 | | Casing | | | | | | | | | | | |
| 7.0 | 17.5 | | Quartz Sericite Schist | | | | | | | | | | | |
| | | | -schistose, transitional rocks, f-med gr., chloritic with py, cc; vuggy, altered py remnants, banded rk, gnerally poor recovery, some silicification; 8-9', cherty, silic, quartzitic zone with dissem po, minor cc stringers | | | | | | | | | | | |
| 17.5 | 53.6 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -chloritic schist, f gr, 1mm cc filled amygdules, deformed in plane of fol.;few cherty zone, minor ep.,bio, cc stringers; appears to be intensely folded tr cpy | | | | | | | | | | | |
| | | | -19.0' fol @ 32° (comp banding) | | | | | | | | | | | |
| | | | 21.6-23.3; white, massive qtzvein, @ 82°, minor dissem py, poss marc. grey mineral? | 20.6 | 21.6 | 1.0 | 75001E | 0.002 | | | | | | |
| | | | 24.5-24.7; minor silicified zone with po, cpy, py, probable flow ctc | 21.6 | 23.3 | 1.7 | 75002 | 0.012 | | | | | | |
| | | | | 23.3 | 24.3 | 1.0 | 75003 | <0.002 | | | | | | |
| | | | | 24.3 | 25.3 | 1.0 | 75004 | <0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au |
|---|---|---|---|---|---|---|---|---|
| 53.6 | 61.7 | | Siliceous Breccia Zone | | | | | |
| | | | -possible silicified flow contact or silicified tectonic breccia, numerous chloritic | | | | | |
| | | | partings and frag's of GS, blebs of po+cpy, no preferred fabric or | | | | | |
| | | | orientation; crossed by numerous stringers of cc | 53.6 | 56.3 | 2.7 | 75005 | <0.002 |
| | | | 56.7-57.0; small qtz-cc vein, diffuse ctc's @ 85° carrying po, py, tr cpy | 56.3 | 57.3 | 1.0 | 75006 | <0.002 |
| | | | | 57.3 | 61.7 | 4.4 | 75007 | <0.002 |
| 61.7 | 82.6 | | Greenstone (Mafic -Int. Volcanic Flow/Tuff; Tudor Fm) | | | | | |
| | | | -carbonatized, highly schistose, few amygdules; several conformable cc veins; 80-81', | | | | | |
| | | | minor sil zone | | | | | |
| | | | -75'; fol/banding @ 28° | | | | | |
| | | | | | | | | |
| 82.6 | 84.0 | | Siliceous Breccia Zone | | | | | |
| | | | sim to 53.6-61.7; probable folw ctc | | | | | |
| | | | | | | | | |
| 84.0 | 116.0 | | Greenstone (Mafic-Int. Volc Flow or Tuff; Tudor Fm) | | | | | |
| | | | -generally schistose, but more foliated, less banding, slightly more coarse, more bio | | | | | |
| | | | appears recrystallized, pervasive cc and minor cc stringers; 93-94, | | | | | |
| | | | minor silic zone | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au |
|---|---|---|---|---|---|---|---|---|
| | | | -95.7-97.4; white, massive , cloudy quartz-cc vein, minor py, po, tr cpy and chl in | 95.7 | 97.4 | 1.7 | 75008 | 2.554 |
| | | | seams; VG associated with cc. po, cpy at 97.0'; vein is x cutting, with | | | | | |
| | | | irreg ctc's (well defined) @ approx 17°?, little alt or mineralization above | | | | | |
| | | | or below vein | | | | | |
| | | | -102.7-103.4; pod of qtz-cc sulphides, appears to be boudin, not economic | | | | | |
| | | | -104.7-106.3; series of 3, 3-5" qtz-cc veins with po, py, cpy, possible VG at 106.1, | 104.6 | 106.5 | 1.9 | 75009 | 1.938 |
| | | | contacts generally sharp, but irreg, very sim in appearance to 95.7-97.4.; | | | | | |
| | | | zones are associated with minor sil plus increased sulphide content | | | | | |
| | | | -small 1"x cutting qtz-cc vein @ 109', with minor cpy, po | 108.6 | 109.6 | 1.0 | 75010 | 0.096 |
| | | | -112.5; 3" "" "" "", appears conformable, succrosic qtz., po, tr cpy | | | | | |
| | | | -115.5; 3" qtz-cc veins, "" "" "" "" "" "" "" "" | 112.0 | 113.0 | 1.0 | 75011 | 0.010 |
| | | | | | | | | |
| | | | | 115.0 | 116.0 | 1.0 | 75012 | 0.220 |
| | | | | | | | | |
| 116.0 | 118.0 | | Silicified/ Brecciated Greenstone | 116.0 | 118.0 | 2.0 | 75013 | 0.014 |
| | | | -possible flow ctc zone; pods and blebs of irreg qtz-cc with frag's of GS; (blue qtz); | | | | | |
| | | | -po, chl, and py rim qtz frag's, tr cpy | | | | | |
| | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-1

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118.0 | 124.0 | | Greenstone (Mafic-Int Volcanic Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -generally well fol., f-med xtalline with strong biotite; pervasive carbonatization, | | | | | | | | | | | |
| | | | minor dissem py, po; crossed by numerous cc stringers | | | | | | | | | | | |
| 124.0 | 140.5 | | Greenstone (Mafic-Int Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -massive, structurless flow?; poor foliation; 124-126, brecciated, cherty flow ctc; | | | | | | | | | | | |
| | | | below ctc, dramatically less carbonatization; 136, 2" cc vein conformable; | | | | | | | | | | | |
| | | | 136.0-138.0, blebbly zone of up to 10% po | | | | | | | | | | | |
| 140.5 | 164.0 | | Greenstone (Mafic-Int. Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -massive, but crossed by numerous qtz-cc stringers and pods, some may be deformed and | | | | | | | | | | | |
| | | | flattened amygdules; 140.5-142.5, chery bands, flow ctc zone | | | | | | | | | | | |
| | | | - unit is hard, massive and distinctive | | | | | | | | | | | |

# Diamond Drill Record

COLLAR:
2476N
3918E
ELEVATION
CORE SIZE BQ
LOGGED BY B. King
DATE LOGGED Jan 14, 1986
MAP REFERENCE No.
-45° dip
235° Azm

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| EOH | ------- | -42 |

COMPANY NAME Mono Gold MInes Inc.
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR Mc Knight
ASSAYER Chemex
PURPOSE OF HOLE to test continuity of "z" and "d" veins

HOLE No. 86-2
CLAIM NAME/No.
COMMENCED Jan 12/86
FINISHED Jan 13/86
FINAL DEPTH 260'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 6.5 | | Casing | | | | | | | | | | | |
| 6.5 | 35.0 | | Greenstone (Mafic-Intermediate Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -poorly foliated, very f gr., massive GS, chloritic, slight to moderate silicification | | | | | | | | | | | |
| | | | -minor alteration along fractures (includes cc, ep), occasional qtz or cc stringers | | | | | | | | | | | |
| | | | -14.0; fol/banding @ 23° | | | | | | | | | | | |
| | | | -29.5; 2" qtz-cc vein @ 85°, strained, grey qtz with chloritic partings upper and | 29.2 | 30.2 | 1.0 | 75014E | 0.002 | | | | | | |
| | | | lower contacts, minor py, po, tr cpy, zone also includes qtz-py stringer | | | | | | | | | | | |
| | | | in fracture zone | | | | | | | | | | | |
| | | | -33.3; 2' conformable qtz-cc vein, no sign mineralization, but with minor breccia, | 33.0 | 34.0 | 1.0 | 75015 | 0.002 | | | | | | |
| | | | may be flow contact etc | | | | | | | | | | | |
| 35.0 | 49.0 | | -zone of minor brecciation, microfaulting and/or possible folding, possible boudinage, | | | | | | | | | | | |
| | | | breccia is cemented with cc, minor bio/chl alteration | | | | | | | | | | | |
| | | | -47.3; 3" conformable qtz-cc vein, diffuse ctc's, spks py, po on contacts | 46.7 | 47.7 | 1.0 | 75020 | 0.002 | | | | | | |
| 49.0 | 58.4 | | Greenstone (mafic-Int. Volcanic Flow;Tudor Fm) | | | | | | | | | | | |

-same as 6.5-35.0

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton ASSAYS |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au |
| 58.4 | 140.4 | | Greenstone (intermed.-Mafic Volcanic Flow; Tudor Fm) | | | | | |
| | | | -58.4-60.4; cherty, brecciated, flow contact zone, minor sulphides, cc, lower 0.5' is | | | | | |
| | | | chloritic breccia | | | | | |
| | | | -minor foliation, dense, massive, competent, simialr to unit above | | | | | |
| | | | -62.5; 0.5' zone of chl-cc alteration in swirls, boudinage?? | | | | | |
| | | | -unit becomes increasingly carbonatized below 68', beginning after a 0.7' cc vein | | | | | |
| | | | associated with a minor breccia zone, strongest pervasive cc assoc with | | | | | |
| | | | strongest chl, increased grain size and increased po content, and minor ep | | | | | |
| | | | 82.7; 2" qtz-cc vein with po, tr cpy, chl partings and irregular contacts which | 82.3 | 83.3 | 1.0 | 75016 | 0.002 |
| | | | appear to be conformable, @ 26° | | | | | |
| | | | 86.8-88.8; possible flow contact, minor silicification, cc, no sign mineralization | | | | | |
| | | | -91.0-93.0; sim 86.8-88.8 | | | | | |
| | | | -112.3; 2" xcutting qtz-cc veining @ 85°, fairly sharp contacts, chl partings, po, | 111.8 | 112.8 | 1.0 | 75017 | 0.004 |
| | | | tr cpy, qtz is white-cloudy, grey mineral? | | | | | |
| | | | -120.0; 1" xcutting qtz-cc vein , significant po, tr cpy, minor py, qtz is strained, | 119.5 | 120.5 | 1.0 | 75019 | 0.014 |
| | | | minor carbonatization above and below the vein plus increased dissem and | | | | | |
| | | | blebby po in volcanics in alteration zone; vein ctc's are poorly defined | | | | | |
| | | | -124.0-140.0; silicified, massive volcanic, minor qtz-cc stringers | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS oz/ton | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| 140.4 | 183.5 | | Greenstone (Intermed-Mafic Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -upper 1.5' is contact zone of minor silicification, carbonatized, minor breccia with | | | | | | | | | | | |
| | | | slightly coarser texture than above | | | | | | | | | | | |
| | | | - generally massive but slightly coarser than above GS, but very similar, contains | | | | | | | | | | | |
| | | | zones of banded cc (flow contacts or flow segregations?), this unit slightly | | | | | | | | | | | |
| | | | more foliated | | | | | | | | | | | |
| | | | -160.5-162.0; qtz-cc filled amygdules in flow banded zones (deformed) | | | | | | | | | | | |
| | | | -174.0; 2" conformable qtz-cc vein, minor sulphides | | | | | | | | | | | |
| | | | -174.0-179.0; strongly dissem and blebby po, perhaps po filled vesicles?, also with | | | | | | | | | | | |
| | | | minor cc and sil. | | | | | | | | | | | |
| 183.5 | 196.4 | | Greenstone (intermediate - Mafic Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -less sil and dissmem po than above, alternating bands of vesicles (flow bands?), | | | | | | | | | | | |
| | | | unit is generally massive, structurless, sim to above | | | | | | | | | | | |
| 196.4 | 260.0 | | Greenstone (Intermed-Mafic Volcanic Flow;Tudor Fm) | | | | | | | | | | | |
| | | | -sim to above, but contains zones/bands of qtz filled amygdules, coarser fabric, some | | | | | | | | | | | |
| | | | pervasive carbonatization (esp very strong 207-210') | | | | | | | | | | | |
| | | | -218.0; 1" qtz-cc vein (xcutting) @ 85°, somewhat irreg contacts, po mineralization | 217.8 | 218.8 | 1.0 | 75018 | 0.082 | | | | | | |
| | | | and a ½" vein with similar characteristics, vein related to boudinage? | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______

COMPANY NAME ______

PROPERTY NAME ______

HOLE No. 86-2

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | | |
| | | | -231.0-232.0; unit has strong amygdule dev't, may be good marker horizon? | | | | | | | | | | | | |
| | | | -232.0-233.0; unit is complexly folded, can follow bands of po around closures, very | | | | | | | | | | | | |
| | | | irregular | | | | | | | | | | | | |
| | 260.0 | | | | | | | | | | | | | | |
| | EOH | | | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 2588N (1+79.3N) | METHOD: hf | | |
| 3918E (0+25W) | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | EOH | --- | -43° |
| CORE SIZE BQ | | | |
| LOGGED BY B. King | | | |
| DATE LOGGED Jan 15, 1986 | | | |
| MAP REFERENCE No. | | | |
| Dip -45° | | | |
| Azm 235° | | | |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR Mc Knight
ASSAYER Chemex
PURPOSE OF HOLE to test continuity of "D" and "Z" veins

HOLE No. 86-3
CLAIM NAME/No
COMMENCED Jan 13, 1986
FINISHED Jan 14, 1986
FINAL DEPTH 160'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 3.0 | | Casing | | | | | | | | | | | |
| 3.0 | 17.8 | | Greenstone (Mafic-Int Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | f. gr, well foliated , chloritic GS; few spks pu, po, crossed by sporadic qtz and cc | | | | | | | | | | | |
| | | | stringers | | | | | | | | | | | |
| | | | -8.0-9.0 core is badly broken, rusty, fault or surface alt | | | | | | | | | | | |
| | | | -14.0-16.5; qtz-cc vein, solid, white with spks and seams of po, cpy, py and GS | 14.0 | 16.5 | 2.5 | 75021E | 0.016 | | | | | | |
| | | | inclusions; possible VG at lower ctc; vein appears to be xcutting @ 85° | | | | | | | | | | | |
| 17.8 | 40.5 | | Greenstone (Mafic -Int Flow or Tuff?; Tudor Fm) | | | | | | | | | | | |
| | | | - very well defined foliation @ 40° (31'); f- med gr, very cloritic and heavily | | | | | | | | | | | |
| | | | carbonatized with few cc stringers; minor dissem po,py; upper 4.5' is silic | | | | | | | | | | | |
| | | | or cherty/brecciated--possible flow contact zone | | | | | | | | | | | |
| | | | -unit appears more granularthan above | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ____
COMPANY NAME ____
PROPERTY NAME ____

HOLE No. 86-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.5 | 48.5 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -40.5-41.4; qtz-cc vein, appears conformable, probable flow ctc, minor spks py, some | 40.5 | 41.5 | 1.0 | 75025 | 0.002 | | | | | | |
| | | | chloritic inclusions | | | | | | | | | | | |
| | | | -rk is well foliated, somewhat carbonatized, but primarily in cc stringers | | | | | | | | | | | |
| | | | -43.8; minor 3" cherty zone (flow ctc?) | | | | | | | | | | | |
| | | | -47.2-47.8; qtz-cc vein with spks po, py + grey mineral?; appears to be both cross- | 47.1 | 48.1 | 1.0 | 75022 | <0.002 | | | | | | |
| | | | cutting and conformable veining | | | | | | | | | | | |
| 48.5 | 114.0 | | Greenstone (Mafic-Int Volc. Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -48.5-53.7, brecciated/silicified contact zone | | | | | | | | | | | |
| | | | -well foliated, chloritic, with strong cc stringer dev't; minor dissem po; fol28° @ 65° | | | | | | | | | | | |
| | | | -79.0-83.0, strong folding, appears to be complex "z" style | | | | | | | | | | | |
| | | | -90.6-91.3; silicified zone, may be flow ctc or flow banding | | | | | | | | | | | |
| | | | -98.6-103.0; minor brecciation, with cc on fract surfaces | | | | | | | | | | | |
| | | | -105.1; 3" qtz-cc vein, conformable, spks po, py, | 104.6 | 105.6 | 1.0 | 75023 | 0.002 | | | | | | |
| | | | | | | | | | | | | | | |
| 114.0 | 127.0 | | Greenstone (Mafic-Int Volc Flow;Tudor Fm) | | | | | | | | | | | |
| | | | -114.0-115.3; contact zone, minor brecciation and silicification, with minor cc string. | | | | | | | | | | | |
| | | | -unit very sim 48.5-114.0 | | | | | | | | | | | |

-blebs po throughout

# Diamond Drill Record

DATE LOGGED ______

COMPANY NAME ______

PROPERTY NAME ______

HOLE No. 86-3

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 127.0 | 160.0 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -127-134; probable sil ctc zone, all conformable | | | | | | | | | | | |
| | | | -132'; complex, carbonate filled qtz breccia (5"), no significant mineralization, | | | | | | | | | | | |
| | | | probably cc filled fault gouge... poorly consolidated | | | | | | | | | | | |
| | | | -at 136.4, moderate silicification begins (pervasive), sil intensifies with depth, | | | | | | | | | | | |
| | | | @143.5, massive silicification with brecciation, minor conformable qtz | | | | | | | | | | | |
| | | | veining with minor py, po | | | | | | | | | | | |
| | | | -145.5-147.3; totally silicified rk, with possible x cutting qtz vein, diffuse | 145.5 | 147.3 | 1.8 | 75024 | 0.002 | | | | | | |
| | | | -150.4-151.6; zone of less altered GS, silicifiied and well foliated; may be faulted | | | | | | | | | | | |
| | | | block? | | | | | | | | | | | |
| | | | -151.6-160; very sil, pervasive altered rk, host rk not identifiable (felsitic?) | | | | | | | | | | | |
| | | | -159.5; qtz-cc vein with minor po; looks like fracture filling stringer | 159.0 | 160.0 | 1.0 | 75026 | 0.004 | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2324N |
| | 4162E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. KIng |
| DATE LOGGED | Jan 18, 1986 |
| MAP REFERENCE No. | |
| | Dip -45 |
| | Azm 235° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 300 | --- | -42½° |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE fill-in drilling, and to test down dip continuity

HOLE No. 86-4
CLAIM NAME/No.
COMMENCED Jan 16, 1986
FINISHED Jan 17, 1986
FINAL DEPTH 300'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 6.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6.0 | 134.2 | | Quartzitic-Sericitic Schist (Argillitic Metasediments) | | | | | | | | | | | |
| | | | -strongly schistose, fine granular, siliceous, sericitic, chloritic rk with dissem | | | | | | | | | | | |
| | | | po, py, tr cpy (rare) | | | | | | | | | | | |
| | | | -14.0; fol/banding @ 35° | | | | | | | | | | | |
| | | | -17.0; 2" xcutting qtz-cc vein, with spks py, po, @ 58° | 16.5 | 17.5 | 1.0 | 75031 | <0.002 | | | | | | |
| | | | -much evidence of parasitic folding, unit is incompetant, "s" style prevalent | | | | | | | | | | | |
| | | | -52.0-62.0; po content elevated, 5-7% | | | | | | | | | | | |
| | | | -generally a mixture of fine gr qtzites and qtz-sericite schists | | | | | | | | | | | |
| | | | -73.2; 3" xcutting qtz-cc vein, minor py, chloritic inclusions, @ 78°, moderately | 72.8 | 73.8 | 1.0 | 75032 | <0.002 | | | | | | |
| | | | sharp contacts-bleached,dolomitic | | | | | | | | | | | |
| | | | -76.6-78.1; qtzose zone or qv with cc/dol?, irreg zone of qtz, rk inclusions, po, py | 76.6 | 78.1 | 1.5 | 75033 | <0.002 | | | | | | |
| | | | probable conformable and xcutting components | | | | | | | | | | | |
| | | | -87.0-87.5; 2 small qtz pods (½"), boudins?, conformable, non economic | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -89.1-89.8; silicified zone with apparently xcutting qtz vein structure, strong po, | 89.0 | 90.0 | 1.0 | 75034 | <0.002 | | | | | | |
| | | | cc, possibly sheared, banding is disrupted, rotated near parallel | | | | | | | | | | | |
| | | | 93.2, large clots of po+py, no veining | | | | | | | | | | | |
| | | | -94.2-99.4; series of qtz veins, complex, with portions xcutting, numerous inclusions | 94.2 | 95.2 | 1.0 | 75035 | <0.002 | | | | | | |
| | | | very strong po, py min, tr cpy, contacts sharp and irregular, qtz is white- | 95.2 | 97.0 | 1.8 | 75036 | <0.002 | | | | | | |
| | | | grey, strained and fratured, some dol | 97.0 | 99.0 | 2.0 | 75037 | <0.002 | | | | | | |
| | | | -111.5; minor microfaulting and crenulation, parallel to veining above | 99.0 | 100.0 | 1.0 | 75038 | <0.002 | | | | | | |
| | | | -122.0-125.0; strong dissem/blebby po, minor py; sim at 130-134' | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 134.2 | 145.8 | | Greenstone (Mafic-Intermed Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -upper ctc is marginally brecciated, cherty, minor py; unit is f gr, schistose GS | | | | | | | | | | | |
| | | | well banded with sil/cc stringers, generally conformable | | | | | | | | | | | |
| | | | -139.0-144.0; altered zone, up to 5% po, minor sil, strong carbonatization, chloritic | | | | | | | | | | | |
| | | | zones | | | | | | | | | | | |
| | | | -144.0-145.8; 2, conformable qtz-cc veins, yellow-grey coloured, brecciated, blebby | 143.8 | 146.0 | 2.2 | 75039 | 3.208 | | | | | | |
| | | | py, po, marc, numerous rk incl, chl partings on ctc's---appears to be a | | | | | | | | | | | |
| | | | contact related feature! | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 145.8 | 148.2 | | Hybrid-Altered Garnet-Chlorite Schist (Transition Zone?? or Altered Hyaloclastite?) | | | | | | | | | | | |
| | | | -highly deformed,chlorite-garnet schist, cc bands, appears sheared, numerous qtz pods | | | | | | | | | | | |
| | | | dissem and blebby po, minor py | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 148.2 | 225.2 | | Greenstone (Intermed-Mafic Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -more massive , but sim to 134.2-145.8, strongly deformed, carbonatized, more int in | | | | | | | | | | | |
| | | | composition, (possible effect of carbonatization + sil), some bio, sericite | | | | | | | | | | | |
| | | | -151.3-153.2; conformable qtz-cc vein, white qtz, dissem py, dusty appearance, heavy | 151.2 | 153.3 | 2.0 | 75040 | 0.022 | | | | | | |
| | | | py on lower ctc, ctc's irreg but sharp | | | | | | | | | | | |
| | | | 173.0; 2" conformable qtz-cc vein, minor py, po, cloudy, diffuse | 172.5 | 173.5 | 1.0 | 75041 | 0.006 | | | | | | |
| | | | -175.0-232.0; rk is very heavily carbonatized, grey-green, sericitic | | | | | | | | | | | |
| | | | -185.1; 3" conformable qtz-cc vein @ 51°, may in part be xcutting, possible VG on | 184.6 | 185.6 | 1.0 | 75042 | 0.200 | | | | | | |
| | | | upper ctc, chloritic partings on both ctc's, does not look like right sort | | | | | | | | | | | |
| | | | of vein for signif VG min? | | | | | | | | | | | |
| | | | -187.9; 3" xcutting qtz-cc vein, dissem py, minor po, minor cc, ctc's diffuse, regular | 187.3 | 188.3 | 1.0 | 75043 | 0.208 | | | | | | |
| | | | and chloritic, white qtz, fractured | | | | | | | | | | | |
| | | | -188.6-189.3; several conformable qtz-cc veins or pods, minor dissem po, py, diffuse | 188.3 | 189.3 | 1.0 | 75044 | 0.008 | | | | | | |
| | | | and irregular | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 192.3; 1" conformable qtz-cc vein with minor spks py, non economic | | | | | | | | | | | |
| | | | -202.0-203.0; elevated po, up to SM in 2 small bands | | | | | | | | | | | |
| | | | -203.5; 1" xcutting qtz-cc vein or pod with irregular contacts, spks py,po | | | | | | | | | | | |
| | | | -206.4; 3" xcutting qtz-cc vein or pod, with large cc xtals, minor dissem po | 206.0 | 207.0 | 1.0 | 75045 | 0.006 | | | | | | |
| | | | -219.4-220.4; xcutting qtz-cc vein or pods, irregular ctc's, in part xcutting, part | | | | | | | | | | | |
| | | | conformable, dissem py, minor po, inclusions of GS | 219.4 | 220.4 | 1.0 | 75046 | 0.004 | | | | | | |
| | | | | | | | | | | | | | | |
| 225.2 | 249.5 | | Greenstone (Mafic- Intermed Tuff?; Tudor Fm) | | | | | | | | | | | |
| | | | -strongly foliated, increased bio, strong pervasive carbonatization, chl/bio banding | | | | | | | | | | | |
| | | | -generally uniform, with minor banding, becomes very irregular with depth, returning | | | | | | | | | | | |
| | | | to a stongly foliated greenschist with depth | | | | | | | | | | | |
| | | | -249.2; 1½" xcutting qtz-cc vein, minor disseminations of po, cpy, tr py, irreg but | 248.7 | 249.7 | 1.0 | 75047 | 0.102 | | | | | | |
| | | | sharp ctc's @ 80-85° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 249.5 | 276.9 | | Greenstone (Intermed-Mafic Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -upper ctc has 1' cherty flow top zone, dissem py,po | | | | | | | | | | | |
| | | | -unit is well foliated, schistose, sericitic, chloritic/bio and banded, brownish - | | | | | | | | | | | |
| | | | grey green | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-4

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -strong pervasive carbonatization, some qtz-cc stringer mat'l, dissem po, unit may be | | | | | | | | | | | |
| | | | a tuff | | | | | | | | | | | |
| | | | -258.0-259.0; 2, 1" xcutting very irreg qtz-cc veins or pods + zone of SM po | 258.0 | 259.0 | 1.0 | 75048 | 0.008 | | | | | | |
| | | | -263.2; minor qtz-cc vein, xcutting with py, very irreg and diffuse | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 276.9 | 286.6 | | Greenstone (Int-Mafic Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -upper contact is chert, flow ctc type, minor brecciation, dissem py and pervasive | | | | | | | | | | | |
| | | | carbonatization, strongly foliated, chloritic, sericitic alteration | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 286.6 | 300.0 | | Greenstone (Mafic-Intermed Volc Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -massive green, chloritic, uniform, lacks carbonatization, few minor cc stringers, | | | | | | | | | | | |
| | | | good, massive volcanic | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2324N |
| | 4162E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Jan22, 1986 |
| MAP REFERENCE No. | |
| | Dip -60° |
| | Azm 235° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 500 | -------- | -57° |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE fill in and to test deep continuity of veins "d" and "z"

HOLE No 86-5
CLAIM NAME/No.
COMMENCED Jan 18/86
FINISHED Jan 20/86
FINAL DEPTH 500'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4.0 | | Casing | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 4.0 | 130.7 | | Siliceous Pelitic Schist (Rusty Schist) | | | | | | | | | | | | |
| | | | -generally fine gr, grey, qtzitic-sericitic, phyllite or schist, chloritic in part | | | | | | | | | | | | |
| | | | -variable, but averages 5-15% py, minor po | | | | | | | | | | | | |
| | | | -20-23; essentially a QSS, possible xcutting sericitic alteration? @ 75-80° | | | | | | | | | | | | |
| | | | -this unit is a mixture of semi pelitic mudstones, minor quartzites, pyritic schist | | | | | | | | | | | | |
| | | | and their altered equivalents | | | | | | | | | | | | |
| | | | -31.0-32.0; parasitic folding, "s" style | | | | | | | | | | | | |
| | | | -19.3; ½" xcutting qtz-cc vein, few spks py, po, @ 57° | | | | | | | | | | | | |
| | | | -49.6; 1" xcutting qtz-cc vein @ 68°, ctc's regular, moderately sharp, dissem po, | 49.2 | 50.2 | 1.0 | 75049 | <0.002 | | | | | | | |
| | | | minor py | | | | | | | | | | | | |
| | | | -75.6; qtz-cc pod or vein, apparently conformable, irreg ctc's, 1½" tw | 75.1 | 76.1 | 1.0 | 75050 | <0.002 | | | | | | | |
| | | | -83.0-84.0; sil, sericitic, chloritic zone, appears to terminate a closure zone, ie. | | | | | | | | | | | | |
| | | | as faulting or shearing, below this zone, sulphide enrichment increases | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | dramatically, up to SM, style changes to a more uniform type below | | | | | | | | | | | |
| | | | -103.1-104.4; qtz vein with minor cc, appears conformable, but may have a xcutting | 103.1 | 104.5 | 1.4 | 75051 | <0.002 | | | | | | |
| | | | component, contacts sheared, heavy po, py, tr cpy on ctc's, qtz is grey & | | | | | | | | | | | |
| | | | cloudy | | | | | | | | | | | |
| | | | -121-124, 127-128; sericitic zones | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 130.7 | 146.0 | | Garnet Chlorite Schist (Contact-Transition Zone) | | | | | | | | | | | |
| | | | -fg, strongly schistose, chl, bio, sericite, qtz, with minor sulphides | | | | | | | | | | | |
| | | | -137.5-141.2; complex shear breccia, with irreg pods and frag's, large blebs po, py, | | | | | | | | | | | |
| | | | minor mylonitic bands | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 146.0 | 159.4 | | Greenstone (Int-Mafic Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -strongly foliated, f-med gr, chloritic, strong carbonatization | | | | | | | | | | | |
| | | | -148.0; gt zone, perhaps a carry over from shear above? | | | | | | | | | | | |
| | | | -148.9; 1" xcutting cc-py vein, both xcutting and conformable components | 148.5 | 149.5 | 1.0 | 75052 | 0.780 | | | | | | |
| | | | | | | | | | | | | | | |
| 159.4 | 178.0 | | Greenstone (Int-Mafic Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -159.4-161.2; cherty ctc zone, minor cc | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | unit is essentially same as above | | | | | | | | | | | |
| | | | -169.6; 1" xcutting qtz-cc vein, reg, sharp ctc's @ 62°, spks py, po | 169.1 | 170.1 | 1.0 | 75053 | 0.376 | | | | | | |
| | | | -170.3; strong pervasive carbonatization begins, increased conformable cc seams etc | | | | | | | | | | | |
| | | | -174.0-176.0; rk appears mod sheared | | | | | | | | | | | |
| | | | -173.4; 1" xcutting qtz-cc vein, spks py, po,minor inclusions of host rk,vein assoc | 172.8 | 173.8 | 1.0 | 75054 | 0.004 | | | | | | |
| | | | with very strong carbonatization, minor sil | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 178.0 | 206.1 | | Greenstone (Intermed-Mafic Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -cherty flow ctc zone, gen sim to unit above, strongly carbonatized | | | | | | | | | | | |
| | | | -178.7-179.3; xcutting qtz-cc vein, probable lost core within, vein @ 80°,dissem py, | 178.6 | 179.6 | 1.0 | 75055 | 3.716 | | | | | | |
| | | | minor po, coarse cc xtals, sulphide enrichment outer margins of vein,signif | | | | | | | | | | | |
| | | | VG along upper ctc assoc with coarse cc, py subhedra...recrystallized? | | | | | | | | | | | |
| | | | -178.0-187.5; possible amygdaloidal (cc) flow,deformed | | | | | | | | | | | |
| | | | -188.0; fol @ 42° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 206.1 | 272.0 | | Greenstone ( Altered Tuffaceous Sediment?;Tudor Fm) | | | | | | | | | | | |
| | | | -marked increase in bio, loss of chl, cherty, sil, abundant qtz stringers, pods, frag's | | | | | | | | | | | |
| | | | -unit is some sort of hybrid, sheared, shear ribbons of qtz??? | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 206.5; 1½" xcutting qtz-cc vein, minor py, po, tension fract's in qtz | 206.0 | 207.0 | 1.0 | 75056 | 0.014 | | | | | | |
| | | | -207.0-209.2; qtz- ribbons, possible shear | 207.0 | 209.2 | 2.2 | 75057 | 0.094 | | | | | | |
| | | | -209.2-210.7; xcutting and conformable qtz-cc vein, heavy (SM) py lower 2½", spks py | 209.2 | 210.9 | 1.7 | 75058 | 0.014 | | | | | | |
| | | | throughout, coarse cc on upper ctc | 210.9 | 214.9 | 3.2 | 75059 | 0.018 | | | | | | |
| | | | -210.9-214.1; qtz ribbon schist, shear zone? | | | | | | | | | | | |
| | | | -218.5; 1" tw conformable qtz-cc vein, minor cc, minor py | 217.8 | 218.8 | 1.0 | 75060 | <0.002 | | | | | | |
| | | | -228.0; 1" conformable qtz-cc vein, minor cpy, lg blebs po, recrystallized cc on | 227.5 | 228.5 | 1.0 | 75061 | 0.010 | | | | | | |
| | | | margins of vein | | | | | | | | | | | |
| | | | -234.6; 4" qtz-cc pod, irreg, conformable, boudin related | | | | | | | | | | | |
| | | | -246.3-272.0; possible lith contact, or met grade change?; unit becomes grey-green and | | | | | | | | | | | |
| | | | massive schists, bio replaces chl almost toally, rks dehydrated?, or poss | | | | | | | | | | | |
| | | | sediment | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 272.0 | 275.5 | | Greenstone (altered? Qtz-BIo Schist, Hyaloclastite?; Tudor Fm) | | | | | | | | | | | |
| | | | -difficult to tell if this is a volc or sediment, strongly carbonatized, abrupt change | | | | | | | | | | | |
| | | | in structural style at ctc, probable shear ctc's, carbonatization so | | | | | | | | | | | |
| | | | intense, cannot identify host rk | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 275.5 | 310.0 | | Altered Greenstone (Qtz-Bio Schist, Carbonatized Tuf?; Tudor Fm) | | | | | | | | | | | |
| | | | -sim 206.1-272.0, very heavy pervasive carbonatization | | | | | | | | | | | |
| | | | -290.0; fol @ 65° | | | | | | | | | | | |
| | | | -290.0-291.4; Qtz-cc vein, generally conformable, slightly diffuse ctc's, white qtz, | 290.0 | 291.4 | 1.4 | 75062 | <0.002 | | | | | | |
| | | | tourmaline?,chl, spks and blebs py, massive qtz | | | | | | | | | | | |
| | | | -305.7-310.5; especially cherty zone within generally "brecciated?" zone, po & py | 308.8 | 309.8 | 1.0 | 75063 | 0.002 | | | | | | |
| | | | clots and blebs, variable carbonatization, conformable zone | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 310.0 | 362.8 | | Greenstone (Mafic-Int Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -green, more massive chl/act flow rk | | | | | | | | | | | |
| | | | -only minor carbonatization present here, alt died out, but still some cc in stringers | | | | | | | | | | | |
| | | | -335; slight increase in cc, decreases again @ 348 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 362.8 | 400.8 | | Altered Greenstone (Altered Int tuff or Tuff-Sediment; Tudor Fm) | | | | | | | | | | | |
| | | | -chl-biotite transition, although some chl remains, med-fine gr, heavy carbonatization, | | | | | | | | | | | |
| | | | strongly fol, dissem py | | | | | | | | | | | |
| | | | -383.5-385.0; cherty, sil zone, appears folded, minor shearing | | | | | | | | | | | |
| | | | -387.2, conformable 1" qtz-sulphide vein, very irreg | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 394.5-395.3; marginally xcutting, qtz-cc vein @ 66°, chl clots, lower 2" is SM py, | 394.4 | 395.4 | 1.0 | 75064 | 0.056 | | | | | | |
| | | | minor po, cpy on lower ctc, sharp ctc with chl partings | | | | | | | | | | | |
| | | | -approaching lower ctc, biotite content drops | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 400.8 | 433.3 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -massive, f gr, green, chloritic GS, very minor cc stringers, but some weak-moderate | | | | | | | | | | | |
| | | | pervasive carbonatization, dissem po, few cc filled amygdules | | | | | | | | | | | |
| | | | -428.5-428.8; conformable qtz-cc vein, po on contacts | 428.1 | 429.1 | 1.0 | 75065 | 0.300 | | | | | | |
| | | | | | | | | | | | | | | |
| 433.3 | 500.0 | | Greenstone (Mafic-Intermed Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -cherty, brecciated flow contact upper 2' | | | | | | | | | | | |
| | | | -mod fol, strongly carbonatized, grey-green with elevated bio content | | | | | | | | | | | |
| | | | -460.0; fol @ 47° | | | | | | | | | | | |
| | | | -443.4; 2" xcutting qtz-cc vein, diffuse ctc's, clots of chl, dissem and blebs of py | 443.0 | 444.0 | 1.0 | 75066 | 0.002 | | | | | | |
| | | | -447.4; 3" conformable qtz-cc vein, non economic | | | | | | | | | | | |
| | | | -460.6; contact of sorts, sharp increase in bio | | | | | | | | | | | |
| | | | -461.4; 2" conformable qtz-cc vein, non economic | | | | | | | | | | | |
| | | | -470.8; 2" xcutting qtz vein, irreg, with sharp ctc'c, chl and host rk inclusions, | 470.4 | 471.4 | 1.0 | 75067 | 0.002 | | | | | | |

highly strained qtz, grey-white, spks py

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-5

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | EOH | | -494.0-494.7; sil, cherty ctc zone?, with 15% dissem po, uniform to EOH | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| 2448N | |
| 4016E | |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Jan 27, 1986 |
| MAP REFERENCE No. | |
| Dip -45° | |
| Azm 235° | |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| EOH | ----- | -42½° |

COMPANY NAME Mono Gold Mines Inc

PROPERTY NAME Bannockburn NE Area

DRILLING CONTRACTOR Mc Knight

ASSAYER Chemex

PURPOSE OF HOLE to test continuity of "z" and "d" veins

HOLE No. 86-6

CLAIM NAME/No.

COMMENCED Jan 20/86

FINISHED Jan 21/86

FINAL DEPTH 200'

PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 7.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7.0 | 36.7 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -f. gr., chloritic, strongly carbonatized, typical GS, amygdaloidal; 23' fol @ 43° | | | | | | | | | | | |
| | | | -31-34; strong cc stringers and mod silicification, but can still identify amygdules | | | | | | | | | | | |
| | | | complex, fractured | | | | | | | | | | | |
| | | | -34.5-35.2; apparently conformable qtz-cc vein, may have slight xcutting character, | 34.4 | 35.4 | 1.0 | 75068 | 0.012 | | | | | | |
| | | | white massive qtz, few spks py, grey mineral? | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 36.7 | 116.0 | | Greenstone (Mafic-Int Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -sim to 7.0-36.7, but no amygdules noted; finer gr and stronger foliated than above; | | | | | | | | | | | |
| | | | -crossed by numerous fract's with cc or cc stringers (conformable) | | | | | | | | | | | |
| | | | -59.0; 4" cc-qtz vein non economic | | | | | | | | | | | |
| | | | -64.3-68.0; numerous strong cc veins (conformable); non economic | | | | | | | | | | | |
| | | | -104.0-108.0; biotite appearing; minor alteration? (associated with qtz veining?) | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz./ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -108-108.5; 2, 1" xcutting qtz-cc veins, ctc's irregular but well defined, @ 85° | 107.6 | 108.6 | 1.0 | 75069 | 0.158 | | | | | | |
| | | | strong po, minor py and tr cpy + few cpy blebs; clots of chlorite, looks | | | | | | | | | | | |
| | | | as if vein has split, or vein has large host rk inclusion. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 116.0 | 130.6 | | Greenstone (Mafic-Intermed Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -grey cherty horizon with minor po in contact zone | | | | | | | | | | | |
| | | | -unit is high S.G., massive, poorly foliated, few qtz/cc stringers | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 130.6 | 137.2 | | Greenstone (Mafic-Intermed Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -cherty, silicified/fracture zone upper contact | | | | | | | | | | | |
| | | | -massive, green, poor foliation, minor qtz stringers; non descript | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 137.2 | 169.0 | | Greenstone (Mafic-Intermediate Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -upper 2', sil, ep'd, brecciated and carbonatized contact zone; includes possible | 138.6 | 139.6 | 1.0 | 75070 | 0.424 | | | | | | |
| | | | xcutting qtz vein or pods, composite of flow chert and mineralized veining. | | | | | | | | | | | |
| | | | -qtz is white, massive, with incl of host rk, tourmaline and grey mineral? | | | | | | | | | | | |
| | | | -py blebs. ; xcutting vein approx 3½" | | | | | | | | | | | |
| | | | -unit is very massive, volcanic flow, green, chloritic, f gr, typical | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-6

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -152.0-152.4; irregular, cc-qtz vein or pod associated with strong fracturing; includes | 152.7 | 153.7 | 1.0 | 75071 | 0.002 | | | | | | |
| | | | small seam of po, minor py in a probable fracture | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 169.0 | 200.0 | | Greenstone (Mafic - Intermediate Volcanic Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | - upper ctc is cherty, carbonatized, minor brecciated | | | | | | | | | | | |
| | | | -unit has increased biotite content, but very sim to 137.2-169.0 | | | | | | | | | | | |
| | | | -174.5-174.9; cross cutting qtz-cc veins with heavy po, numerous host rk inclusions, | 174.3 | 175.3 | 1.0 | 75072 | 0.024 | | | | | | |
| | | | minor py, tr cpy?? | | | | | | | | | | | |
| | | | -2, 1½ " veins, may be vein splitting into 2 or 3? ; appears annealed | | | | | | | | | | | |
| | | | -179-181; cherty, carbonatized flow contact?,conformable; interflow or flow segreg.? | | | | | | | | | | | |
| | | | -183.0-185.0; silic zone, minor, non economic, few cc stringers | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | | HOLE SURVEY | | |
|---|---|---|---|---|
| | 2448N | METHOD: hf | | |
| | 4016E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | | 359.3 | ------ | -59½° |
| CORE SIZE | BQ | | | |
| LOGGED BY | B. King | | | |
| DATE LOGGED | Jan 27 1986 | | | |
| MAP REFERENCE No. | | | | |
| | Dip -60° | | | |
| | Azm 235° | | | |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to test continuity of "z" & "d" veins

HOLE No. 86-7
CLAIM NAME/No.
COMMENCED Jan 22 1986
FINISHED Jan 23 1986
FINAL DEPTH 359.3
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5.3 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.3 | 49.7 | | Greenstone (Mafic-Int Volc Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -f gr, green, well foliated, chloritic, strong-mod pervasive carbonatization | | | | | | | | | | | |
| | | | -amygdaloidal to 21.8', several amyg bands below | | | | | | | | | | | |
| | | | -32.0; qtz stringers, boudins, conformable, minor mineralization | | | | | | | | | | | |
| | | | -33.6-35.0; conformable qtz vein, bright white, massive, coarse qtz, spks py, minor | 33.5 | 35.1 | 1.6 | 75073 | 0.352 | | | | | | |
| | | | cc, sharp ctc's, chl partings on ctc's, ground core @ 34' | | | | | | | | | | | |
| | | | -38.0-41.4; silicified zone, generally grey-brown qtz-cc veins, conformable and | 38.0 | 39.4 | 1.4 | 75074 | <0.002 | | | | | | |
| | | | xcutting veins @ 40°, strong vuggy py, numerous chl slips throughout | 39.4 | 40.4 | 1.0 | 75075 | <0.002 | | | | | | |
| | | | plus many rk inclusions; 40.4-41.4, white bull qtz, lower ctc conformable | 40.4 | 41.5 | 1.1 | 75076 | <0.002 | | | | | | |
| | | | but sheared, few spks py, fract's healed with cc | | | | | | | | | | | |
| | | | 42.1-44.0; silicified zone, possible flow ctc | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 49.7 | 73.3 | | Greenstone (Mafic-Intermed Volc Flow or Tuff;Tudor Fm) | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| | | | -49.7-50.4; cherty flow ctc zone | | | | | | | | | | | |
| | | | -unit is finer gr than unit above, much lower carbonatization, fewer cc stringers | | | | | | | | | | | |
| | | | -65.8-66.8; 2 conformable white, granular qtz veins, minor spks py; | 65.8 | 66.8 | 1.0 | 75077 | <0.002 | | | | | | |
| | | | 68.0-70.0; minor sil and carbonatized zone | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 73.3 | 90.0 | | Greenstone (Mafic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -massive, f gr, chl unit, crossed by few qtz/cc stringers, most conformable | | | | | | | | | | | |
| | | | -73.3-73.7; cherty, carbonatized zone, contact zone? | | | | | | | | | | | |
| | | | -78.4; 2½ tw zone of sil, ep, cc, spks po | | | | | | | | | | | |
| | | | -90.0-91.0; sheared zone, some carbonatization, minor sil, possible fault? | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 90.0 | 116.0 | | Greenstone (Mafic Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -upper ctc is possible shear or fault, f gr, foliated, carbonatized, GS, chloritic, | | | | | | | | | | | |
| | | | otherwise featureless | | | | | | | | | | | |
| | | | -93.0; fol @ 36° | | | | | | | | | | | |
| | | | 94.1-94.9; cc-qtz vein, conformable, numerous rk inclusions | 94.0 | 95.0 | 1.0 | 75078 | <0.002 | | | | | | |
| | | | 99.4; conformable cc vein, non economic | | | | | | | | | | | |
| | | | -108.3-108.7; xcutting qtz-cc vein @ 70°, strong po,py on lower ctc, sheared margins | 108.0 | 109.0 | 1.0 | 75078 | 0.114 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 112.5; 1" tw xcutting vein @ 15-20°!, coarse qtz, cc strong py, very irreg vein, | 112.2 | 113.2 | 1.0 | 75080 | 0.336 | | | | | | |
| | | | appears to be a boudinage effect (choc tablet structure), with heavy py in | | | | | | | | | | | |
| | | | pressure shadows, cc rim, recrystallized throughout, width in core is | | | | | | | | | | | |
| | | | somewhat exaggerated | | | | | | | | | | | |
| | | | -115.5; 1" tw conformable qtz-py vein | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 116.0 | 150.0 | | Greenstone (Mafic-Intermed flow;Tudor Fm) | | | | | | | | | | | |
| | | | -contact zone of cherty mat'l, cc | | | | | | | | | | | |
| | | | -unit is less fol than above, weakly carbonatized, shows some bio development | | | | | | | | | | | |
| | | | -120.3-132.0, cherty sil zone, very intense sil, some pervasive carbonatization, | 121.3 | 122.3 | 1.0 | 75081 | 0.110 | | | | | | |
| | | | numerous diffuse qtz-cc stringers, possible xcutting qtz-cc veining with py | | | | | | | | | | | |
| | | | within, minor brecciation, good alteration zone | 130.5 | 131.5 | 1.0 | 75082 | 0.040 | | | | | | |
| | | | -135.7; 1" tw conformable qtz vein, py | | | | | | | | | | | |
| | | | -141.6 & 142.6; 1" xcutting qtz-cc-py veins @ 80°, cc reaction reim | 141.5 | 142.8 | 1.3 | 75083 | 0.034 | | | | | | |
| | | | -unit is quite massive 132-150 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 150.0 | 231.7 | | Greenstone (Mafic-Intermed Volc Flow or Tuff; Tudor Fm) | | | | | | | | | | | |
| | | | -upper ctc is altered sil, carbonatized zone, mod py, po | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______________________

COMPANY NAME ______________________

PROPERTY NAME ______________________

HOLE No. 86-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -unit is mod foliated, fol 36° @ 156' | | | | | | | | | | | |
| | | | -moderate pervasive carbonatization, with few spks po, and few dissem po zones in | | | | | | | | | | | |
| | | | bands | | | | | | | | | | | |
| | | | -172.0 & 172.7, conformable qtz-cc veins , appear barren, more like stringers | | | | | | | | | | | |
| | | | -197.0-199.0, mod altered zone, increased bio, minor cc, all conformable | | | | | | | | | | | |
| | | | -215.8-216.3; two, 1" xcutting qtz-cc py veins, may be one vein split or wrapped | 215.5 | 216.5 | 1.0 | 75084 | 0.002 | | | | | | |
| | | | around inclusion, heavy py, some dissem py 215.5-217.5 | 216.5 | 217.5 | 1.0 | 75085 | 0.002 | | | | | | |
| | | | -229.0-231.0;minor conformable and xcutting qtz-py veining in zone of heavy dissem py | | | | | | | | | | | |
| | | | -229,2-230.2; xcutting vein | 229.2 | 230.2 | 1.0 | 75086 | 0.072 | | | | | | |
| | | | -230.2-231.2; conformable vein | 230.2 | 231.2 | 1.0 | 75087 | 0.036 | | | | | | |
| | | | | | | | | | | | | | | |
| 231.7 | 310.7 | | Greenstone (Mafic-Intermed Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -2 silicified, cherty zones form upper ctc, some cc, spks py | | | | | | | | | | | |
| | | | -unit is mod foliated, chloritic, GS, silicified in part, dissem py up to 3% | | | | | | | | | | | |
| | | | -230.4-233.2; fractures, sil, carbonatized, irregular alteration zone, minor sulphides | 231.9 | 232.9 | 1.0 | 75088 | 0.004 | | | | | | |
| | | | -233.2-233.6; Fault; essentially a poorly consolidated cc-py gouge, poor recovery, | | | | | | | | | | | |
| | | | @ approx 45°, apparently little change in lithology below fault zone | | | | | | | | | | | |
| | | | -245.5; 1½ tw conformable qtz/cherty zone or vein, numerous chl inclusions, minor py | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -250.2; sim 245.5' | | | | | | | | | | | |
| | | | 262.0; pervasive carbonatization rapidly becomes more intense | | | | | | | | | | | |
| | | | 267.6; qtz-cc vein, spks py, tr cpy, generally conformable, but may have xcutting | 267.2 | 268.2 | 1.0 | 75089 | 0.002 | | | | | | |
| | | | component, all within a sil and altered zone | | | | | | | | | | | |
| | | | -276.4-279.4; qtz-cc vein, xcutting, massive qtz, heavy py lower ctc, minor recrystal- | 276.3 | 277.8 | 1.5 | 75090 | 0.002 | | | | | | |
| | | | ization of cc, ctc's irregular, but sharp, VG 0.1' above lower ctc, few spks | 277.8 | 279.5 | 1.7 | 75091 | 1.310 | | | | | | |
| | | | grey mineral, tourmaline? | | | | | | | | | | | |
| | | | -283.4; 1" xcutting qtz-cc stringer, very irreg, heavy py, somewhat cherty | 282.9 | 283.9 | 1.0 | 75092 | 0.014 | | | | | | |
| | | | -286.0; 1½" xcutting @ 50°, qtz-cc vein, mod-strong py subhedra, coarse cc on ctc's, | | | | | | | | | | | |
| | | | vein opposes foliation | 285.8 | 286.8 | 1.0 | 75093 | 0.008 | | | | | | |
| | | | -304.8-310.7; complex zone of cherty, carbonatized rk, minor breccia, fracturing, | | | | | | | | | | | |
| | | | appears sheared, contact zone? | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 310.7 | 339.8 | | Greenstone (Mafic-Intermed Flow; Tudor Fm) | | | | | | | | | | | |
| | | | - massive chloritic GS, poorly foliated, f gr, few minor qtz stringers | | | | | | | | | | | |
| | | | -323.4-328.0; strong dissem po (7-10%) | | | | | | | | | | | |
| | | | -332.0-334.0; altered zone, carbonatized, sil, po bearing, gen conformable, some qtz | 332.9 | 334.1 | 1.2 | 75094 | 0.002 | | | | | | |
| | | | breccia, tr cpy, very irreg | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-7

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 339.8 | 359.3 | | Greenstone (Mafic-Intermed Flow or Tuff; Tudor Fm) | | | | | | | | | | | | |
| | EOH | | -upper ctc is conformable qtz vein, minor cc, numerous rk inclusions, white qtz, | 339.8 | 340.1 | 1.3 | 75095 | <0.002 | | | | | | | |
| | | | strongly deformed | | | | | | | | | | | | |
| | | | -generally massive, with mod foliation, mod- strong pervasive carbonatization and sil | | | | | | | | | | | | |
| | | | -345.5; 2 small qtz-py/po veins, less than ½" | | | | | | | | | | | | |
| | | | -353.5; 3½" xcutting qtz-cc vein @ 85°, spks py, grey min, minor rk inclusions | 353.0 | 354.0 | 1.0 | 75096 | 0.002 | | | | | | | |
| | | | -354.5; 4½" xcutting qtz-cc vein, very sim to 353.5, perhaps a split, strong sil | 354.0 | 355.0 | 1.0 | 75097 | 0.032 | | | | | | | |
| | | | between veins | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | HOLE SURVEY | | |
|---|---|---|---|
| 2474N | METHOD: hf | | |
| 3993E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | 234 | ------ | -42½° |
| CORE SIZE BQ | | | |
| LOGGED BY B. King | | | |
| DATE LOGGED Jan 29, 1986 | | | |
| MAP REFERENCE No. | | | |
| Dip -45° | | | |
| Azm 235° | | | |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to test continuity of veins "d" & "z"

HOLE No. 86-8
CLAIM NAME/No.
COMMENCED Jan 23, 1986
FINISHED Jan 24, 1986
FINAL DEPTH 234'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5.0 | 26.8 | | Greenstone (Int -Mafic Tuff or Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -well foliated, grey-green, f gr chloritic,schist, heavy pervasive carbonatization, | | | | | | | | | | | |
| | | | strong surface weathering effects, poor recovery, first12', few cc stringers | | | | | | | | | | | |
| | | | -24.0-26.8; cherty, minor silicified zone, conformable | | | | | | | | | | | |
| | | | -25.0; fol @ 40° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 26.8 | 87.5 | | Greenstone (Mafic Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -massive, f gr, poorly foliated, good flow rk very minor carbonatization | | | | | | | | | | | |
| | | | -41.0; 1" conformable? cc-qtz vein, mod py, po, tr cpy, possible VG | 40.6 | 41.6 | 1.0 | 75098 | 0.950 | | | | | | |
| | | | -47.0, pervasive carbonatization begins | | | | | | | | | | | |
| | | | -49.0-52.5; zone of numerous qtz-cc stringers, gen conformable, few spks py, probable | | | | | | | | | | | |
| | | | flow contacts or flow banding | | | | | | | | | | | |
| | | | 57.0-59.0; cherty, sil zone with contorted fol/banding, few qtz pods, minor po | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -60.0; small, diffuse xcutting? qtz-cc vein, vein is split or dieing out, numerous | 59.5 | 60.5 | 1.0 | 75099 | 0.012 | | | | | | |
| | | | inclusions, | | | | | | | | | | | |
| | | | -73.3; 1" xcutting qtz-cc-py vein @ 75°, cc lines vien walls, chl slips on ctc's, | 72.8 | 73.8 | 1.0 | 75100 | 0.014 | | | | | | |
| | | | strong py, minor po | | | | | | | | | | | |
| | | | 74.9; ½" xcutting cc-py-qtz stringer | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 87.5 | 129.0 | | Greenstone (Mafic Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -massive, f gr, sim 26.8-87.5, chloritic, very minor carbonatization, minor sil, few | | | | | | | | | | | |
| | | | qtz stringers, upper ctc marginally cherty | | | | | | | | | | | |
| | | | -98.6-99.3; two, 1" conformable qtz veins, minor ep, cc, spks py?, lower ctc is chl. | | | | | | | | | | | |
| | | | -101.5; 6" carbonatized zone | | | | | | | | | | | |
| | | | -106.0, 107.3, carbonatized zones | | | | | | | | | | | |
| | | | -109.5-110.5; sil, carbonatized zone, non economic | | | | | | | | | | | |
| | | | -116.4-118.0; sil contact zone?, elevated dissem po+py (up to 10%), conformable | | | | | | | | | | | |
| | | | -foliation shift within this unit, possilbe ctc @ 116.2 | | | | | | | | | | | |
| | | | -117.0; fol @ 16° | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 86-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 129.0 | 186.5 | | Greenstone (Mafic-Intermed Volc Flow; Tudor Fm) | | | | | | | | | | | | |
| | | | -129.0-132.5; amygdaloidal, deformed, with flow top material | | | | | | | | | | | | |
| | | | -unit is f gr, massive flow rk, competant rk | | | | | | | | | | | | |
| | | | -137.5; very small amygdules or coarse pervasive (sperical?) carbonatization?, assoc | | | | | | | | | | | | |
| | | | with elevated dissem po | | | | | | | | | | | | |
| | | | -133.4; minor shearing, chl schist along slip plane?, silicified above vein below, | | | | | | | | | | | | |
| | | | -143.9; 1½" xcutting qtz vein, grey, cloudy, connected to a major conformable vein, | 143.7 | 145.8 | 2.1 | 75101 | 0.046 | | | | | | | |
| | | | (upper ctc xcutting, lower is conform), very heavy po, up to SM, tr cpy & py, | | | | | | | | | | | | |
| | | | major vein is 143.8-145.8, some microfaulting | | | | | | | | | | | | |
| | | | -146.6; 2" tw conformable massive po zone | 146.1 | 147.1 | 1.0 | 75102 | 0.010 | | | | | | | |
| | | | -149.0-152.0; zone of cc, qtz conformable stringers | | | | | | | | | | | | |
| | | | -155.0; 2" conformable qtz-cc vein, grey-white recrystallized chert | | | | | | | | | | | | |
| | | | -159.8-160.6; carbonatized zone, generally increasing cc with depth | | | | | | | | | | | | |
| | | | -163.0-166.7; moderately carbonatized zone | | | | | | | | | | | | |
| | | | -184.5; cc-qtz, conformable stringer, few spks po | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 186.5 | 234.0 | | Greenstone (Mafic Volcanic Flow; Tudor Fm) | | | | | | | | | | | | |
| | EOH | | -f gr massive, chloritic , poor foliation GS | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-8

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -sim to unit above | | | | | | | | | | | |
| | | | -upper ctc zone is cherty, typical, minor brecciation, minor sulphides | | | | | | | | | | | |
| | | | -some blebby po, up to 10% | | | | | | | | | | | |
| | | | -193.5; 8" carbonatized zone; 200.0; cluster of cc stringers;204.0-204.4, sil zone | | | | | | | | | | | |
| | | | -205.6-206.2; qtz-cc vien, conformable, minor py on ctc's, carbonatized zone below for | 205.5 | 206.5 | 1.0 | 75103 | 0.008 | | | | | | |
| | | | 1' which includes strong dissem and blebby po | | | | | | | | | | | |
| | | | -209.6; carbonatization begins, no lithological ctc, pervasive and xcutting alteration | | | | | | | | | | | |
| | | | -212.3; two, 1" conformable qtz-cc pods or veins, poorly defined | 211.8 | 212.8 | 1.0 | 75104 | 0.002 | | | | | | |
| | | | -214.7; 3½" conformable qtz-cc vein with minor py, po, tr cpy? on sharp ctc's, numerous | | | | | | | | | | | |
| | | | grey spks and chl inclusions | 214.3 | 215.3 | 1.0 | 75105 | 0.002 | | | | | | |
| | | | -220.5; ½" conformable qtz-cc py stringer | | | | | | | | | | | |
| | | | -221.1; sim 220.5 | | | | | | | | | | | |
| | | | -226.3; 3" xcutting qtz-cc vein @ 85°, strong py, irreg but well defined ctc's | 225.7 | 226.7 | 1.0 | 75106 | 0.002 | | | | | | |
| | | | -227.1; ½" conformable qtz-cc stringer, barren | | | | | | | | | | | |
| | | | -unit becomes increasingly chloritic and carbonatized with depth, fracturing increases, | | | | | | | | | | | |
| | | | biotite appears | | | | | | | | | | | |
| | | | -230.5-231.5; zone of several ½-1" conformable but irreg qtz-cc stringers, with mod | 230.5 | 231.5 | 1.0 | 75107 | 0.002 | | | | | | |
| 234. | EOH | | po, py, may have xcutting component | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | | HOLE SURVEY | | |
|---|---|---|---|---|
| | 2147N | METHOD: hf | | |
| | 4237E | FOOTAGE | AZIMUTH | DIP |
| ELEVATION | | 400 | -------- | -45° |
| CORE SIZE | BQ | | | |
| LOGGED BY | B. King | | | |
| DATE LOGGED | Jan 30, 1986 | | | |
| MAP REFERENCE No. | | | | |
| | Dip -45° | | | |
| | Azm 235° | | | |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE Beaver POnd drilling to test at depth south extension

HOLE No 86-9
CLAIM NAME/No.
COMMENCED Jan 26, 1986
FINISHED Jan 28, 1986
FINAL DEPTH 400'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 26.0 | | Casing | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 26.0 | 286.5 | | Sericitic Metasediments ( Pelitic -Semi Pelitic Sediments) | | | | | | | | | | | | |
| | | | ~f gr, strongly fol, qtz-sericite-chl schist, minor bio, phyllitic, dissem py (7%), | | | | | | | | | | | | |
| | | | minor mudstone intercalations | | | | | | | | | | | | |
| | | | -39.0; banding @ 36° | | | | | | | | | | | | |
| | | | -small amt's dol rather than pervasive carbonatization | | | | | | | | | | | | |
| | | | -61.3-61.9; qtz-dol vein, gen xcutting with a conformable component, coarse, rextal'd | 62.0 | 63.0 | 1.0 | 75108 | <0.002 | | | | | | | |
| | | | carbonate, mod py on fract's surfaces, may incl pink-grey k spar? | | | | | | | | | | | | |
| | | | -69.0; "s" style parasitic folding in zone of contorted banding | | | | | | | | | | | | |
| | | | -76.0; ¼" xcuttting qtz-dol vein, with dol+ser on ctc's, ocurrs with several conform | | | | | | | | | | | | |
| | | | stringers, few spks po, doesnt appear economic | | | | | | | | | | | | |
| | | | -76.8; conformable fault-fracture zone, loosely consolidated cc with py | | | | | | | | | | | | |
| | | | -78.6; ¼" xcutting qtz-stringer with py, ser some chl | | | | | | | | | | | | |
| | | | -86.5; ¼" xcuttingqtz-stringer with coarse ser on ctc's @ 75° | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 86-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | | |
| | | | 90.3; irreg qtz segregations, pods or veins, apparently xcutting, sharp contacts, | | | | | | | | | | | | |
| | | | lined with bio, ser, py recrystallized sericite (musc) | | | | | | | | | | | | |
| | | | -89.0; banding/fol @ 38°; 93.0; banding/fol @ 16°, with axial planar close to parallel | | | | | | | | | | | | |
| | | | to core, 89-96 probable closure area | | | | | | | | | | | | |
| | | | -98.1-100.6; strong pervasive sil zone, closure related, 99.3-99.8 diffuse qtz vein, | 99.1 | 100.1 | 1.0 | 75109 | <0.002 | | | | | | | |
| | | | mod py, musc, dol and po | | | | | | | | | | | | |
| | | | 109.0; possible "z" style parasitic folding | | | | | | | | | | | | |
| | | | -117.2; ½" qtz vein, xcutting, with ser, dol on ctc's with py @ 70° | 116.8 | 117.8 | 1.0 | 75110 | <0.002 | | | | | | | |
| | | | 133.0-135.0; increased bio, chl, blebs of py/po, qtz-dol pods, generally altered zone | | | | | | | | | | | | |
| | | | -138.6; Fault;loosely consolidated cc, py, chl, approx 50° crossing foliation | | | | | | | | | | | | |
| | | | -156.0-157.0; elevated po, py, for several inches | | | | | | | | | | | | |
| | | | -193.3-196.3; altered zone, strongly silicified, sericitic bio zone, qtz pods, both | 194.1 | 195.6 | 1.5 | 75111 | <0.002 | | | | | | | |
| | | | xcutting and conformable | | | | | | | | | | | | |
| | | | 196.3-196.9; altered zone, xcutting qtz-dol-sericite vein @ 65-70°, with diffuse but | 196.1 | 197.1 | 1.0 | 75112 | <0.002 | | | | | | | |
| | | | regular ctc's, strong py, recrystallized dol, minor chl | | | | | | | | | | | | |
| | | | -200.9-201.7; altered zone, ser, ep, sil, qtz pod, few spks py | | | | | | | | | | | | |
| | | | -207.2; 3" fault with coarse breccia, strong py euhedra, cc cement, poorly consol, some | | | | | | | | | | | | |
| | | | rotation of fol near zone | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -210.0; 6" alt zone with boudinaged qtzvein, possible xcutting, py in pressure | | | | | | | | | | | | |
| | | | shadows, 3" alt either side of vein | | | | | | | | | | | | |
| | | | -216.0-223.0; unit less foliated, more of a siliceous mudstone | | | | | | | | | | | | |
| | | | -219.8; qtz vein or pod, gen conformable and very irreg, strong sericite, po, strained- | 218.2 | 219.2 | 1.0 | 75113 | <0.002 | | | | | | | |
| | | | grey qtz | | | | | | | | | | | | |
| | | | -238.9-243.0; altered zone, strong sericite, chl, ep, sil | | | | | | | | | | | | |
| | | | -241.8, 242.3; two, 2" tw gen conformable qtz veins, poss xcutting component, strong | 241.6 | 242.6 | 1.0 | 75114 | <0.002 | | | | | | | |
| | | | ser, chl on ctc's, ctc's reg, mod sharp, dissem po+py 5-7% | | | | | | | | | | | | |
| | | | -248.0; 3" xcutting qtz-ser vein, coarse qtz, ser, muscovite, some conform component, | 247.6 | 248.6 | 1.0 | 75115 | <0.002 | | | | | | | |
| | | | in part, strong po (blebby), py, tr cpy, few chl rk inclusions, appears to | | | | | | | | | | | | |
| | | | be massive sheared recrystallized qtz-ser/musc (poss fusch) alt zone which | 250.5 | 252.0 | 1.5 | 75116 | <0.002 | | | | | | | |
| | | | continues to 255.0 , following 255', alteration continues but much less | 252.0 | 253.2 | 1.2 | 75117 | <0.002 | | | | | | | |
| | | | intense, with zones of elevated sulphide, ep, sericite but lacking sil | 253.2 | 254.4 | 1.2 | 75118 | <0.002 | | | | | | | |
| | | | | | | | | | | | | | | | |
| 286.5 | 303.3 | | Transition Zone (Garnet,Sericite Schist, contact zone) | | | | | | | | | | | | |
| | | | -286.5-293.5; contact effects produce elevated po+py to 5%, tr cpy, in sericitic | | | | | | | | | | | | |
| | | | sediments | | | | | | | | | | | | |
| | | | -pervasive carbonatization begins at 293.5, tr gt appears, minor sil , sulphide content | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-9

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | decreases; 100.4'; gt appear in quantity, up to 35%, unit becomes gt schist | | | | | | | | | | | | |
| | | | withstrong chl banding | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 303.0 | 375.2 | | Greenstone (Mafic-Intermed Volc Tuff of Flow; Tudor Fm) | | | | | | | | | | | | |
| | | | -f gr, green chl schist with alternating bands of qtz-cc (conformable flow banding) | | | | | | | | | | | | |
| | | | and minor qtz/cc stringers | | | | | | | | | | | | |
| | | | -308.0-309.0; cherty, carbonatized flow banded zone | | | | | | | | | | | | |
| | | | -310.0-313.5; possible intercalation of deformed mudstone or sericitic sediment, with | | | | | | | | | | | | |
| | | | possible small fault at 313.0, loosely consol py-cc gouge | | | | | | | | | | | | |
| | | | -324.2; conformable qtz vein, grey-brown cherty, heavy cc+sericite on contacts | | | | | | | | | | | | |
| | | | -337.6-338.7; silicified zone, pervasive, xcuttingalmost total replacement, irregular, | | | | | | | | | | | | |
| | | | not a vein | | | | | | | | | | | | |
| | | | -344.1-345.6; qtz-cc vein, gen conformable with some xcutting features, esp lower ctc, | 344.0 | 345.7 | 1.7 | 75119 | 0.076 | | | | | | | |
| | | | several 4" GS inclusions, mod po, minor py, tr cpy, grey-brown cherty qtz | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 375.2 | 400.0 | | Greenstone (Mafic-Intermed Flow; Tudor Fm) | | | | | | | | | | | | |
| | EOH | | -more massive GS, poor-mod foliation, almost no carbonatization, few cherty, cc stringers | | | | | | | | | | | | |
| | | | esp 382.5,389-390,395-396, all non economic | | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2157N |
| | 4335E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Jan 30, 1986 |
| MAP REFERENCE No. | |
| | Dip -45° |
| | Azm 235° |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 500 | -------- | -42 |

COMPANY NAME Mono Gold Mines Inc
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE Beaver pond drilling to test down dip extension to south

HOLE No. 86-10
CLAIM NAME/No.
COMMENCED Jan 28, 1986
FINISHED Jan 30, 1986
FINAL DEPTH 500'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 26.0 | | Casing | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 26.0 | 68.5 | | Sericitic Metasediments ( Argillitic, Semi Pelitic Sediments & Mudstones) | | | | | | | | | | | |
| | | | -f gr, grey, strongly schistose, uniformely banded with minor dissem po, py, random | | | | | | | | | | | |
| | | | stringers of qtz or cc, generally poor carbonatization | | | | | | | | | | | |
| | | | -31.0; fol/banding @ 18° | | | | | | | | | | | |
| | | | -33.0-37.0; alt zone, 10-15% py, increased carbonatization, conformable qtz-cc vein | 33.4 | 34.7 | 1.3 | 75120E | <0.002 | | | | | | |
| | | | carrying numerous rk inclusions, chl partings both ctc's, qv 4½"tw | | | | | | | | | | | |
| | | | -45.0; carbonatization above this pt appears to be dol?, below is cc | | | | | | | | | | | |
| | | | -54.6-55.6; sericitic, minor chl + talc, zone within mudstone (sil) zone | | | | | | | | | | | |
| | | | -66.8-68.0; qtz-cc-chl-ser vein, gen conformable with some xcutting component, | 66.7 | 68.0 | 1.3 | 75121 | <0.002 | | | | | | |
| | | | composed of qtz pods with numerous rk inclusions, dissem py, po?, lower | | | | | | | | | | | |
| | | | ctc appears to be a fault | | | | | | | | | | | |
| | | | -68.0-68.5; Fault; late fault, chl, loosely consolidated py-cc-chl gouge, @ approx | | | | | | | | | | | |
| | | | 20°, but very irreg, zone is crushed | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______

COMPANY NAME ______

PROPERTY NAME ______

HOLE No. 86-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | ASSAYS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | | | | | | | |
| 68.5 | 145.0 | | Sericitic Metasediments (Qtz-Sericite, Semi Pelitic Banded Mudstone) | | | | | | | | | | | |
| | | | -very sim rk type to above fault, but more banded, less crenulated, more sil... | | | | | | | | | | | |
| | | | different structural style or fabric, marginally more chl | | | | | | | | | | | |
| | | | -77.0-80.0; sil, sericitic alt zone, with qtz pods and stringers, few spks py, minor | | | | | | | | | | | |
| | | | cc, non economic | | | | | | | | | | | |
| | | | -85.2-95.3; sericitic, altered zone, increased chl, tr ep, sulphides into blebs, | | | | | | | | | | | |
| | | | 87.2; <1" xcutting qtz-cc vein (barren) | | | | | | | | | | | |
| | | | 90.7; <1" xcutting qtz-cc vein @ 85°, diffuse, boudinageed vein, spks py | | | | | | | | | | | |
| | | | 91.6; 1" xcutting, irreg, mod sharp, qtz-cc vein with blebby po, spks py, | 91.1 | 92.1 | 1.0 | 75122 | <0.002 | | | | | | |
| | | | cc, in sil, sericitic alt zone | | | | | | | | | | | |
| | | | 93.2; conformable fracture filled with cc, py, galena (seam) | | | | | | | | | | | |
| | | | 94.4; 2" xcutting qtz-cc vein @ 85°, strong py, minor po, lower ctc highly | 94.0 | 95.0 | 1.0 | 75123 | <0.002 | | | | | | |
| | | | fractured, poor recovery | | | | | | | | | | | |
| | | | -90-95; banding shifts to near 90°, axial planar cleavage near parallel | | | | | | | | | | | |
| | | | -113.0; possible "z" style parasitic folds, 116.0'; banding @ 34° | | | | | | | | | | | |
| | | | - | | | | | | | | | | | |
| 145.0 | 238.2 | | Sericitic Metasediments (Siliceous Mudstone with Sericitic Banding) | | | | | | | | | | | |
| | | | -158.0'; banding @ 42° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -194.7; 2" conformable qtz-cc/dol vein, with minor py, non economic | | | | | | | | | | | |
| | | | -199.0-200.0; 3" + 1½" xcutting qtz-dol-sericite veins in highly siliceous zone, @ 75 | 199.0 | 200.0 | 1.0 | 75124 | <0.002 | | | | | | |
| | | | -80°, diffuse and irregular, minor spks po,py, tr cpy | | | | | | | | | | | |
| | | | -209.0-210.5; highly sil zone with minor brecciation or faulting, 1"? displacement, | | | | | | | | | | | |
| | | | po,py on fract surfaces | | | | | | | | | | | |
| | | | -217.5; 6" generally conformable qtz-dol vein, spks and stringers po, minor py, rk | 216.9 | 217.9 | 1.0 | 75125 | <0.002 | | | | | | |
| | | | inclusions, granular qtz | | | | | | | | | | | |
| | | | -225.0+; rk is less chloritic, becomes more siliceous, pervasive, rk is almost totally | | | | | | | | | | | |
| | | | consumed, becomes a QSS with chl seams and blebs of po, minor py, tr cpy, | | | | | | | | | | | |
| | | | veining appears with coarse po | | | | | | | | | | | |
| | | | -229.6-231.0; strong qtz segregations with 15 % sulphides (po+py) | 229.6 | 231.0 | 1.4 | 75126 | <0.002 | | | | | | |
| | | | 231.0-232.1; sim above, includes one 3½" xcutting qv with strong po | 231.0 | 232.1 | 1.1 | 75127 | <0.002 | | | | | | |
| | | | 232.1-233.6; sim above, with 4, 1-5" xcutting qtz veins, partially | 232.1 | 233.6 | 1.5 | 75128 | <0.002 | | | | | | |
| | | | conformable at 65-70° | 233.6 | 234.8 | 1.2 | 75129 | <0.002 | | | | | | |
| | | | 233.6-234.8; strongly sil, but with 5" conformable qv with py, po, galena | | | | | | | | | | | |
| | | | and rk inclusions | | | | | | | | | | | |
| | | | -235.6; 2" xcutting qtz vein @ 65°, few spks py, po | 235.5 | 236.9 | 1.4 | 75130 | <0.002 | | | | | | |
| | | | -236.4; 4" irreg xcutting vein, spks po py, and galena | 236.9 | 238.2 | 1.3 | 75131 | <0.002 | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No 86-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -237.2; 1½" xcutting , irreg qtz vein, with mod po, py in seams | | | | | | | | | | | |
| | | | -237.8; 3½" xcutting and conformable vein, spks po, py , tr galena | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 238.2 | 398.6 | | Sericitic Metasediments (Quartz Sericite Schist + Mudstone Intercalations) | | | | | | | | | | | |
| | | | -similar to above, but less quartz veining, pods and generally less siliceou, uniformly | | | | | | | | | | | |
| | | | banded, schistose with minor chl bands, generally dark grey, in part very | | | | | | | | | | | |
| | | | similar to top of hole | | | | | | | | | | | |
| | | | -253.7; irregular qtz pod or vein, 2½", prob conformable, dissem po, spks py, tr cpy | 253.2 | 254.2 | 1.0 | 75132 | 0.008 | | | | | | |
| | | | moderate cc, within silicified zone | | | | | | | | | | | |
| | | | -259.0-260.0; sil zone with qtz pods or veins, irreg, sim above, 1,1",2,2" veins, spks | 259.0 | 260.1 | 1.1 | 75133 | <0.002 | | | | | | |
| | | | py, po, minor cc;260.9; sim, 3" | 260.1 | 261.3 | 1.2 | 75134 | <0.002 | | | | | | |
| | | | -271.0-271.4; conformable, white qtz vein, cherty, spks po, upper ctc conformable, | | | | | | | | | | | |
| | | | lower ctc is xcutting @ 85° | 270.8 | 271.8 | 1.0 | 75135 | 0.008 | | | | | | |
| | | | -275.0; banding @ 42° | | | | | | | | | | | |
| | | | -277.7-279.4; chl alteration zone, perhaps a chemical offshoot of fault below? | | | | | | | | | | | |
| | | | -281.3; Fault; recent, very loosely consolidated chl gouge, cc cement. coarse py, | | | | | | | | | | | |
| | | | looks conformable; chl alteration extends below to 283' | | | | | | | | | | | |
| | | | -285.0; Fault; sim above, 4" zone @ 20°, irregular, no alteration associated | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -288.7; 4" irregular, possibly xcutting massive qtz-cc vein, minor spks py, minor po | 288.2 | 289.2 | 1.0 | 75136 | <0.002 | | | | | | |
| | | | more pod-like, with sharp contacts | | | | | | | | | | | |
| | | | 296.0; 6" chloritic alteration zone ; 307-309' sim | | | | | | | | | | | |
| | | | -321.5-323.0; minor silicified zone with fracturing, minor carbonatization, spks py | | | | | | | | | | | |
| | | | -319.0; banding/fol @ 50° | | | | | | | | | | | |
| | | | -333.9-334.8; generally conformable qtz-cc vein, heavy po, minor py, tr cpy, chl and | 333.9 | 335.0 | 1.1 | 75137 | <0.002 | | | | | | |
| | | | talcose inclusions, lower ctc very irreg, may be xcutting?, upper ctc is | | | | | | | | | | | |
| | | | distinct | | | | | | | | | | | |
| | | | -339.2; xcutting/conformable qtz stringer, minor offsets along foliation plane, non | | | | | | | | | | | |
| | | | economic | | | | | | | | | | | |
| Transition Zone? | | | -344.0-360.0; increased dissem py starts, up to 15%, minor po | | | | | | | | | | | |
| | | | 346.6-347.7; gen conformable, minor xcutting character qtz-cc vein, strong py on upper | 346.4 | 347.8 | 1.4 | 75138 | 0.004 | | | | | | |
| | | | contact, galena, dissem galena throughout, chloritic inclusions, white- | | | | | | | | | | | |
| | | | grey brown coloured qtz, sericitic | | | | | | | | | | | |
| | | | -365.0; complexely folded sericitic schist, sericite content increasing with depth | | | | | | | | | | | |
| | | | -372-373; sil zone, qtz pods, increased ser, dissem py, tr po | | | | | | | | | | | |
| | | | -386.5-398.6; Quartz Sericite Schist; typical transition zone rk, variably altered | | | | | | | | | | | |
| | | | silicification, minor carbonatization, minor chl | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au |
|---|---|---|---|---|---|---|---|---|
| 398.6 | 427.3 | | Greenstone (Intermed Tuff/Altered Tuff-Sediment?; Tudor Fm) | | | | | |
| | | | -conformable cherty contact zone upper 1.2', spks py, po, cc | | | | | |
| | | | -unit is green, f gr, well fol schist, chlorite/biotite bearing with minor sericite | | | | | |
| | | | strongly carbonatized (pervasive & stringers), strongly deformed, carbon'tn | | | | | |
| | | | decreases with increasing depth from the volcano-sed ctc. | | | | | |
| 427.3 | 440.2 | | Greenstone (Intermed Volc Tuff or Tuff Sed?; Tudor Fm) | | | | | |
| | | | -1' of cherty mat'l on ctc, minor spks py, po, unit very sim to above, still strongly | | | | | |
| | | | carbonatized | | | | | |
| | | | -435.1; 1" crosscutting qtz-cc vein @ 80°, diffuse but fairly reg ctc'c, chl rim on | 434.6 | 435.6 | 1.0 | 75139 | 0.012 |
| | | | lower ctc, few spks py, tourmaline? | | | | | |
| | | | -455: banding/compositional foliation @ 46° | | | | | |
| | | | | | | | | |
| 440.2 | 461.6 | | Greenstone (Intermed Tuff or Flow?; Tudor Fm) | | | | | |
| | | | -upper 4" is contact chery zone, barren granular | | | | | |
| | | | -strongly foliated, sim to unit above, strongly carbonatized, more sheared, fewer qtz | | | | | |
| | | | stringers | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-10

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 461.6 | 483.6 | | Greenstone (Intermed Volc Tuff or Tuff-Sed; Tudor Fm) | | | | | | | | | | | |
| | | | - similar to above tuffaceous units, but more chl, less bio, strong pervasive alterat, | | | | | | | | | | | |
| | | | perhaps just different degrees of alteration, unit is more uniform, few | | | | | | | | | | | |
| | | | qtz-cc stringers | | | | | | | | | | | |
| | | | -473.0; 1½" xcutting qtz-cc vein @ 75-80°, few spks py, minor chl, appears barren | 472.5 | 473.5 | 1.0 | 75140 | <0.002 | | | | | | |
| | | | -476.4; 5" irreg qtz vein, barren, generally a qtz pod, may be slightly xcutting | | | | | | | | | | | |
| | | | probably related to boudinage | 475.8 | 476.8 | 1.0 | 75141 | 0.002 | | | | | | |
| | | | | | | | | | | | | | | |
| 483.6 | 500.0 | | Greenstone (Mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -massive, green , chloritic rk, mod foliation, much less carbonatization, some small | | | | | | | | | | | |
| | | | qtz-cc stringers, no veining or signif mineralization | | | | | | | | | | | |

# Diamond Drill Record

COLLAR:
2074N
4224E
ELEVATION
CORE SIZE BQ
LOGGED BY B. King
DATE LOGGED Feb2-3, 1986
MAP REFERENCE No.
Dip -45°
Azm 235°

| HOLE SURVEY | | |
|---|---|---|
| METHOD: hf | | |
| FOOTAGE | AZIMUTH | DIP |
| 404 | ------ | -43 |

COMPANY NAME Mono Gold MInes Inc.
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE "Beaver Pond" drilling to test south extension at depth

HOLE No. 86-11
CLAIM NAME/No.
COMMENCED Feb 1/86
FINISHED Feb 3/86
FINAL DEPTH 404'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 16.0 | | Casing | | | | | | | | | | | |
| 16.0 | 54.7 | | Sericitic Metasediments (Pelitic-Semi Pelitic Sediments) | | | | | | | | | | | |
| | | | -f gr, strongly foliated/banded, schistose, grey-grey-brown, 5% dissem py, few py | | | | | | | | | | | |
| | | | po blebs, minor or no carbonatization, minor to mod silicification | | | | | | | | | | | |
| | | | -25.0; foliation @ 41 (compositional fol) | | | | | | | | | | | |
| | | | -symm drag folding @33.5 | | | | | | | | | | | |
| | | | -45.8-48.0, 50.0-52.0; sericitic/chloritic alt zone | | | | | | | | | | | |
| 54.7 | 82.5 | | Sericitic Metasediments (Semi-Pelitic Mudstone) | | | | | | | | | | | |
| | | | -sim above but is dark grey, finer gr, more massive appearance, cherty with blebby | | | | | | | | | | | |
| | | | py/po | | | | | | | | | | | |
| | | | 57.2; 2" xcutting qtz cc vein @ 75-80°, sharp contacts, but irregular, massive | 56.7 | 57.7 | 1.0 | 75142 | 0.002 | | | | | | |
| | | | white , barren qtz | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-11

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82.5 | 315.6 | | Sericitic Metasediments (Banded Semi-Pelitic/Mudstone) | | | | | | | | | | | | |
| | | | -unit is transitional to above, gradually becomes banded, fairly regular schist | | | | | | | | | | | | |
| | | | combining attributes of both types above. | | | | | | | | | | | | |
| | | | -86.0; three less than 1" conformable qtz-dol veins, few blebs py | | | | | | | | | | | | |
| | | | -95.0-96.5; strongly silicified zone with strong sericite alteration, no qtz vein | | | | | | | | | | | | |
| | | | development, few spks py | | | | | | | | | | | | |
| | | | -102.8-106.0; sil & sericitic alt zone with xcutting quartz-cc or dol vein, py veins | 103.1 | 104.1 | 1.0 | 75143 | <0.002 | | | | | | | |
| | | | or seams, 103.7; <1" qtz-py vein | 104.1 | 105.1 | 1.0 | 75144 | <0.002 | | | | | | | |
| | | | -104.4-104.8; qtz vein with spks py, grey min + chlorite | 105.1 | 106.1 | 1.0 | 75145 | <0.002 | | | | | | | |
| | | | -105.6; very irreg. diffuse, generally conformable qtz pod with minor py | | | | | | | | | | | | |
| | | | 115.0; very irreg. ptygmatic qtz stringer with py, non economic | | | | | | | | | | | | |
| | | | -119.5-121.0; sericite/chlorite alt zone with heavy silicification and qtz veining, | 119.4 | 120.9 | 1.0 | 75146 | <0.002 | | | | | | | |
| | | | includes conformable and xcutting veins, but irreg. | | | | | | | | | | | | |
| | | | -127.5-128.3; essentially a highly sericitized, silicified zone with qtz pods or veins | 127.4 | 128.4 | 1.0 | 75147 | <0.002 | | | | | | | |
| | | | generally conformable, but may be xcutting in part, strongly dissem and blebs | | | | | | | | | | | | |
| | | | po (7-10%) | | | | | | | | | | | | |
| | | | -134.6-135.2; minor chloritic alt zone; 139.6-143.6; dissem py increases up to 10% | | | | | | | | | | | | |
| | | | -151.0-152.0; loose, broken, fractures core, probable fault @ 15-20° | | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED ______
COMPANY NAME ______
PROPERTY NAME ______

HOLE No. 86-11

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE | | | | oz/ton | ASSAYS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | WIDTH | No. | Au | | | | | | |
| | | | -149.5-151.6; sheared, qtzose, silicified zone, qtz ribbons in sheared | 149.5 | 150.5 | 1.0 | 75148 | <0.002 | | | | | | |
| | | | zone, breccia, chl & rk inclusions, with py rimming some frags | | | | | | | | | | | |
| | | | 159.0; generally symm parasitic folding with axial planar cleavage sub parallel to | | | | | | | | | | | |
| | | | core; 165.0'; fault, loosely consolidated fault gouge, chl,cc, py (minor) | | | | | | | | | | | |
| | | | -from 174.0, zones of increasing crenulation with some crenulation cleavage developing | | | | | | | | | | | |
| | | | -223.8; 2" conformable qtz vein, associated with 1' chl, ser, sil alteration, qtz is | 223.3 | 224.3 | 1.0 | 75149 | <0.002 | | | | | | |
| | | | massive, grey with few spks py, may have small xcutting component | | | | | | | | | | | |
| | | | -224.5-225.3; slighly elevated py content (up to 2-3%) | | | | | | | | | | | |
| | | | -254.6-256.7; sil zone with qtz-dol pods or veins, generally conformable but may have | 254.6 | 256.7 | 2.1 | 75150 | <0.002 | | | | | | |
| | | | xcutting component, spks, blebs of py, po, tr cpy tr galena | | | | | | | | | | | |
| | | | -258.6-260.7; sim to 254.6-256.7, but stronger galena, more cherty veining | 258.6 | 260.7 | 2.1 | 75150 | <0.002 | | | | | | |
| | | | -261.0; foliation/compositional banding @ 58° | | | | | | | | | | | |
| | | | -291.4; small fault zone, most gouge mat'l washed away by drilling fluids, py film on | | | | | | | | | | | |
| | | | fract surfaces, @25-30° with the foliation | | | | | | | | | | | |
| | | | -307.8-311.6; strongly dissem po, 10-15% | | | | | | | | | | | |
| | | | -311.6-315.6; chl, sericite alt zone with blebby po, lower 1' is heavily carbonatized | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 86-11

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au |
|---|---|---|---|---|---|---|---|---|
| 315.6 | 343.5 | | Transition Zone (Sericitic and Garnetiferous Argillitic Metasediments) | | | | | |
| | | | - sericitic schist, sim to above, with heavy garnet (40-80%), minor carbonatization, | | | | | |
| | | | and silicification, rk is strongly contorted, banded with few qtz-cc | | | | | |
| | | | stringers, gt content variable (metamorphosed xcutting alterations?) | | | | | |
| | | | -326.5-328.3; sil zone, with 6" conformable qtz-cc vein + 1½ xcutting vein, zone | 326.7 | 328.3 | 1.6 | 75152 | 0.012 |
| | | | has gt's, py, bio, po | | | | | |
| | | | -332.7; 1" conformable grey chert "vein" | | | | | |
| | | | -336.0; 4" conformable carbonatized chl, silic zone | | | | | |
| | | | -336.9-337.5; sim 336.0, cherty alt zone with very strong carbonatization | 337.4 | 338.4 | 1.0 | 75153 | 0.008 |
| | | | -337.8; 3½" conformable/xcutting grey qtz-cc vein, strong dissem po within | 338.4 | 339.4 | 1.0 | 75154 | 0.016 |
| | | | and on contacts | | | | | |
| | | | -339.0; 3" conformable white, bull qtz vein, spks py, blebs po, tr cpy | | | | | |
| | | | -341.1 341.8; qtz-cc vein, fractures with rk inclusions, spks py, po, | 340.9 | 341.9 | 1.0 | 75155 | 0.004 |
| | | | | | | | | |
| 343.5 | 394.5 | | Greenstone (Altered, Intermendiate Tuff?; Tudor Fm) | | | | | |
| | | | - strongly foliated, chl-bio, strong carbonatization (pervasive), contact marked by | | | | | |
| | | | loss of gt, increased chl, unit has numerous conformable qtz-cc stringers | | | | | |
| | | | -347.2-348.2; 3 conformable 1" qtz-cc veins, minor po, py, tr cpy | 347.2 | 348.2 | 1.0 | 75156 | <0.002 |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 86-11

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -367.0; unit becomes more massive with depth | | | | | | | | | | | |
| | | | -386.0-386.9; white, xcutting bull qtz vein, very clean, massive, @ approx 80°, with | 385.9 | 387.0 | 1.1 | 75157 | 0.002 | | | | | | |
| | | | chloritic partings on ctc's | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 394.5 | 404.0 | | Greenstone (mafic-Int Volc Flow; Tudor Fm) | | | | | | | | | | | |
| | EOH | | -unit becomes much less carbonatized, less foliated, more massive, darker and | | | | | | | | | | | |
| | | | generally finer gr. | | | | | | | | | | | |
| | | | -crossed by minor cc stringers, minor bio, py | | | | | | | | | | | |
| | | | -402.0; conformable qtz stringer, non economic | | | | | | | | | | | |

# Diamond Drill Record

| COLLAR: | |
|---|---|
| | 2600N |
| | 4046E |
| ELEVATION | |
| CORE SIZE | BQ |
| LOGGED BY | B. King |
| DATE LOGGED | Jan 16, 1986 |
| MAP REFERENCE No. | |

| HOLE SURVEY | | |
|---|---|---|
| METHOD: Acid | | |
| FOOTAGE | AZIMUTH | DIP |
| 510 | ----- | 68° |

COMPANY NAME Mono Gold Mines Inc.
PROPERTY NAME Bannockburn NE Area
DRILLING CONTRACTOR McKnight
ASSAYER Chemex
PURPOSE OF HOLE to deepen hole 85-27 to 500+

HOLE No. 85-27E
CLAIM NAME/No.
COMMENCED Jan 14, 1986
FINISHED Jan 15, 1986
FINAL DEPTH 510'
PROJECT No.

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz./ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 300.0 | | -previously drilled (1985) | | | | | | | | | | | |
| 300.0 | 349.8 | | Greenstone (Mafic-Intermed. Volcanic Flow; Tudor Fm.) | | | | | | | | | | | |
| | | | -mod.-foliated, f. gr. chloritic | | | | | | | | | | | |
| | | | -stringers of cc, qtz throughout, generally conformable | | | | | | | | | | | |
| | | | -few cherty, minor brecciated zones | | | | | | | | | | | |
| | | | -3-5% py, tr. po | | | | | | | | | | | |
| | | | -316.5-317.4; qtz-cc vein, conformable, 4"tw, spks py-po, sulphides on | 316.5 | 317.5 | 1.0 | 75027 | 0.002 | | | | | | |
| | | | both contacts; associated with some silicification in | | | | | | | | | | | |
| | | | wall rocks; looks like flow contact | | | | | | | | | | | |
| | | | -319.5-338.0; alternating zones of unaltered and silicified volc. | | | | | | | | | | | |
| | | | generally sharp ctc's, but some diffuse, spks po, minor dissem. | | | | | | | | | | | |
| | | | -338.0-343.0; increased bio, with coarsening of texture | | | | | | | | | | | |
| | | | -345.8; 2½" conform. qtz-cc vein, spks py on ctc's | 345.4 | 346.4 | 1.0 | 75028 | 0.004 | | | | | | |
| | | | -346.0; fol. @ 52° | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED
COMPANY NAME
PROPERTY NAME

HOLE No. 85-27E

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz/ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 349.8 | 413.6 | | Greenstone (Mafic-Int volc. Flow; Tudor Fm) | | | | | | | | | | | |
| | | | -abrupt change to f gr., massive, non carbonatized, poorly fol. flow rk | | | | | | | | | | | |
| | | | -352.0-359.0; minor brecciation with chloritization of fract's; unit has higher S.G. | | | | | | | | | | | |
| | | | and dissem po (5-7%) | | | | | | | | | | | |
| | | | -364.2-367.8; band of well fol GS, no major cotc's, but some brecciation and sil to | | | | | | | | | | | |
| | | | separate zones; interflow tuff band?; strong carbonatization, may be | | | | | | | | | | | |
| | | | a mafic sill | | | | | | | | | | | |
| | | | -3983.8-404.0; interflow band of hybrid rk, massive and foliated types, mixed zone of | | | | | | | | | | | |
| | | | intrusive and massive GS? | | | | | | | | | | | |
| | | | -408.2; small ep zone | | | | | | | | | | | |
| 413.6 | 440.4 | | Greenstone (Mafic-Intermaed. Volc Flow; Tudor Fm.) | | | | | | | | | | | |
| | | | -mod fol. chloritic, f gr. GS | | | | | | | | | | | |
| | | | -highly fract., crossed by numerous qtz/cc stringers, strong pervasive carbon'n | | | | | | | | | | | |
| | | | -426.4-427.5; cross cutting, qtz-cc vein, minor spks and blebs of po,py, tr cpy, | 426.3 | 427.6 | 1.3 | 75029 | 0.014 | | | | | | |
| | | | white, cloudy qtz. | | | | | | | | | | | |
| | | | -433.3-440.4; transitional rk, mixture of foliated and massive flow rks | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 440.4 | 491.0 | | Greenstone (Mafic-Intermediate, Volc. Flow; Tudor Fm.) | | | | | | | | | | | |

# Diamond Drill Record

DATE LOGGED

COMPANY NAME

PROPERTY NAME

HOLE No. 85-27E

| FROM | TO | RECOVY | DESCRIPTION | SAMPLE FROM | SAMPLE TO | SAMPLE WIDTH | SAMPLE No. | ASSAYS oz./ton Au | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | -massive, high S.G. volc flow, highly fract'd,increased po content 464-470'; | | | | | | | | | | | |
| | | | 454.0 +, increasing carbonatization, pervasive, by 473, rk type is | | | | | | | | | | | |
| | | | difficult to identify, becomes more silicified, and possibly | | | | | | | | | | | |
| | | | feldspathized, (felsitic?) | | | | | | | | | | | |
| | | | -475.0; 4" tw, cross cutting qtz-cc vein, strong po, minor cpy, py, strong VG, vein is | 474.5 | 475.5 | 1.0 | 75030 | 1.638 | | | | | | |
| | | | complex, seems to be combination of both x-cutting and conformable or | | | | | | | | | | | |
| | | | intersection of two separate veins, small amt core ground, very alt. | | | | | | | | | | | |
| | | | lower ctc. | | | | | | | | | | | |
| 491.0 | 510.0 | | Altered Metavolcanic or Hybrid/Felsite | | | | | | | | | | | |
| | EOH | | -appears to be an intense alteration ctc, silicification and carbonatization, and in | | | | | | | | | | | |
| | | | in part feldspathization (esp. 507-508) | | | | | | | | | | | |
| | | | - relics of altered but identifiable GS esp. 498.2-500.3, no apparaent increase in | | | | | | | | | | | |
| | | | sulphide content | | | | | | | | | | | |

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month Jan. Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 75001 | #86-1 | 20.6'-21.6' | 1.0' | | 0.002 | |
| 75002 | | 21.6'-23.3' | 1.7' | | 0.012 | |
| 75003 | | 23.3'-24.3' | 1.0' | | L0.002 | |
| 75004 | | 24.3'-25.3' | 1.0' | | L0.002 | |
| 75005 | | 53.6'-56.3' | 2.7' | | L0.002 | |
| 75006 | | 56.3'-57.3' | 1.0' | | L0.002 | |
| 75007 | | 57.3'-61.7' | 4.4' | | L0.002 | |
| 75008 | | 95.7'-97.4' | 1.7' | | 2.554 | |
| 75009 | | 104.6'-106.5' | 1.9' | | 1.938 | |
| 75010 | | 108.6'-109.6' | 1.0' | | 0.096 | |
| 75011 | | 112.0'-113.0' | 1.0' | | 0.010 | |
| 75012 | | 115.0'-116.0' | 1.0' | ) 0.083 / 3.0' | 0.220 | |
| 75013 | | 116.0'-118.0' | 2.0' | ) | 0.014 | |

13 Samples

Cert. A8610294-001-A

Project Name Bannockburn Property, Ontario
Mono Gold Mines Inc.

Month Jan.
Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75014 | #86-2 | 29.2'-30.2' | 1.0' | | 0.002 | | |
| 75015 | | 33.0'-34.0' | 1.0' | | L0.002 | | |
| 75020 | | 46.7'-47.7' | 1.0' | | 0.002 | | |
| 75016 | | 82.3'-83.3' | 1.0' | | 0.002 | | |
| 75017 | | 111.8'-112.8' | 1.0' | | 0.004 | | |
| 75019 | | 119.5'-120.5' | 1.0' | | 0.014 | | |
| 75018 | | 217.8'-218.8' | 1.0' | | 0.082 | | |

7 Samples

Cert. A8610296-001-A

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month Jan.

Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75021 | #86-3 | 14.0'-16.5' | 2.5' | | 0.016 | | |
| 75025 | | 40.5'-41.5' | 1.0' | | 0.002 | | |
| 75022 | | 47.1'-48.1' | 1.0' | | L0.002 | | |
| 75023 | | 104.6'-105.6' | 1.0' | | 0.002 | | |
| 75024 | | 145.5'-147.3' | 1.8' | | 0.002 | | |
| 75026 | | 159.0'-160.0' | 1.0' | | 0.004 | | |

6 Samples

Cert. A8610297-001-A

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month: Jan.

Year: 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 75031 | #86-4 | 16.5'-17.5' | 1.0' | | L0.002 | |
| 75032 | | 72.8'-73.8' | 1.0' | | L0.002 | |
| 75033 | | 76.6'-78.1' | 1.5' | | L0.002 | |
| 75034 | | 89.0'-90.0' | 1.0' | | L0.002 | |
| 75035 | | 94.2'-95.2' | 1.0' | | L0.002 | |
| 75036 | | 95.2'-97.0' | 1.8' | | L0.002 | |
| 75037 | | 97.0'-99.0' | 2.0' | | L0.002 | |
| 75038 | | 99.0'-100.0' | 1.0' | | L0.002 | |
| 75039 | | 143.8'-146.0' | 2.2' | | 3.208 | |
| 75040 | | 151.2'-153.3' | 2.1' | | 0.022 | |
| 75041 | | 172.5'-173.5' | 1.0' | | 0.006 | |
| 75042 | | 184.6'-185.6' | 1.0' | | 0.200 | |
| 75043 | | 187.3'-188.3' | 1.0' | ) 0.108 / 2.0' | 0.208 | |
| 75044 | | 188.3'-189.3' | 1.0' | ) | 0.008 | |
| 75045 | | 206.0'-207.0' | 1.0' | | 0.006 | |
| 75046 | | 219.4'-220.4' | 1.0' | | 0.004 | |
| 75047 | | 248.7'-249.7' | 1.0' | | 0.102 | |
| 75048 | | 258.0'-259.0' | 1.0' | | 0.008 | |

18 Samples

Cert. A8610310-001-A

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month Jan.

Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75049 | #86-5 | 49.2'-50.2' | 1.0' | | L0.002 | | |
| 75050 | | 75.1'-76.1' | 1.0' | | L0.002 | | |
| 75051 | | 103.1'-104.5' | 1.4' | | L0.002 | | |
| 75052 | | 148.5'-149.5' | 1.0' | | 0.078 | | |
| 75053 | | 169.1'-170.1' | 1.0' | | 0.376 | | |
| 75054 | | 172.8'-173.8' | 1.0' | | 0.004 | | |
| 75055 | | 178.6'-179.6' | 1.0' | | 3.716 | | |
| 75056 | | 206.0'-207.0' | 1.0' | | 0.014 | | |
| 75057 | | 207.0'-209.2' | 2.2' | | 0.094 | | |
| 75058 | | 209.2'-210.9' | 1.7' | | 0.014 | | |
| 75059 | | 210.9'-214.1' | 3.2' | | 0.018 | | |
| 75060 | | 217.8'-218.8' | 1.0' | | L0.002 | | |
| 75061 | | 227.5'-228.5' | 1.0' | | 0.010 | | |
| 75062 | | 290.0'-291.4' | 1.4' | | L0.002 | | |
| 75063 | | 308.8'-309.8' | 1.0' | | 0.002 | | |
| 75064 | | 394.4'-395.4' | 1.0' | | 0.056 | | |
| 75065 | | 428.1'-429.1' | 1.0' | | 0.300 | | |
| 75066 | | 443.0'-444.0' | 1.0' | | 0.002 | | |
| 75067 | | 470.4'-471.4' | 1.0' | | 0.002 | | |

19 Samples

Cert. A8610383-001-A

Project Name Bannockburn Property, Ontario
Mono Gold Mines Inc.

Month Jan.
Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75068 | #86-6 | 34.4'-35.4' | 1.0' | | 0.012 | | |
| 75069 | | 107.6'-108.6' | 1.0' | | 0.158 | | |
| 75070 | | 138.6'-139.6' | 1.0' | | 0.424 | | |
| 75071 | | 152.7'-153.7' | 1.0' | | LO.002 | | |
| 75072 | | 174.3'-175.3' | 1.0' | | 0.024 | | |

5 Samples

Cert. A8610457-001-A

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month Jan.

Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75073 | #86-7 | 33.5'-35.1' | 1.6' | | 0.352 | | |
| 75074 | | 38.0'-39.4' | 1.4' | | L0.002 | | |
| 75075 | | 39.4'-40.4' | 1.0' | | L0.002 | | |
| 75076 | | 40.4'-41.5' | 1.1' | | L0.002 | | |
| 75077 | | 65.8'-66.8' | 1.0' | | L0.002 | | |
| 75078 | | 94.0'-95.0' | 1.0' | | L0.002 | | |
| 75079 | | 108.0'-109.0' | 1.0' | | 0.114 | | |
| 75080 | | 112.2'-113.2' | 1.0' | | 0.336 | | |
| 75081 | | 121.3'-122.3' | 1.0' | | 0.110 | | |
| 75082 | | 130.5'-131.5' | 1.0' | | 0.040 | | |
| 75083 | | 141.5'-146.8' | 5.3' | | 0.034 | | |
| 75084 | | 215.5'-216.5' | 1.0' | | 0.002 | | |
| 75085 | | 216.5'-217.5' | 1.0' | | 0.002 | | |
| 75086 | | 229.2'-230.2' | 1.0' | | 0.072 | | |
| 75087 | | 230.2'-231.2' | 1.0' | | 0.036 | | |
| 75088 | | 231.9'-232.9' | 1.0' | | 0.004 | | |
| 75089 | | 267.2'-268.2' | 1.0' | | 0.002 | | |
| 75090 | | 276.3'-277.8' | 1.5' | ) 0.697 / 3.2' | 0.002 | | |
| 75091 | | 277.8'-279.5' | 1.7' | ) | 1.310 | | |
| 75092 | | 282.9'-283.9' | 1.0' | | 0.014 | | |
| 75093 | | 285.8'-286.5' | 0.7' | | 0.008 | | |
| 75094 | | 332.9'-334.1' | 1.2' | | 0.002 | | |
| 75095 | | 339.8'-341.1' | 1.3' | ? | L0.002 | | |
| 75096 | | 353.0'-354.0' | 1.0' | | 0.002 | | |
| 75097 | | 354.0'-355.0' | 1.0' | | 0.032 | | |

25 Samples

Cert. A8610457-001-A

Cert. A8610634-001-A

Project Name Bannockburn Property, Ontario

Mono Gold Mines Inc.

Month Jan. Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 75098E | #86-8 | 40.6'-41.6' | 1.0' | | 0.950 | |
| 75099 | | 59.5'-60.5' | 1.0' | | 0.012 | |
| 75100 | | 72.8'-73.8' | 1.0' | | 0.014 | |
| 75101 | | 143.7'-145.8' | 2.1' | | 0.046 | |
| 75102 | | 146.1'-147.1' | 1.0' | | 0.010 | |
| 75103 | | 205.5'-206.5' | 1.0' | | 0.008 | |
| 75104 | | 211.8'-212.8' | 1.0' | | 0.002 | |
| 75105 | | 214.3'-215.3' | 1.0' | | 0.002 | |
| 75106 | | 225.7'-226.7' | 1.0' | | 0.002 | |
| 75107 | | 230.5'-231.5' | 1.0' | | 0.002 | |

10 Samples
Cert. A8610634-001-A

Project Name Bannockburn Property, Ontario — Month: Jan. — Year: 1986

Mono Gold Mines Inc.

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75108E | #86-9 | 62.0'-63.0' | 1.0' | | LO.002 | | |
| 75109 | | 99.1'-100.1' | 1.0' | | LO.002 | | |
| 75110 | | 116.8'-117.8' | 1.0' | | LO.002 | | |
| 75111 | | 194.1'-195.6' | 1.5' | | LO.002 | | |
| 75112 | | 196.1'-197.1' | 1.0' | | LO.002 | | |
| 75113 | | 218.2'-219.2' | 1.0' | | LO.002 | | |
| 75114 | | 231.6'-232.6' | 1.0' | | LO.002 | | |
| 75115 | | 247.6'-248.6' | 1.0' | | LO.002 | | |
| 75116 | | 250.5'-252.0' | 1.5' | | LO.002 | | |
| 75117 | | 252.0'-253.2' | 1.2' | | LO.002 | | |
| 75118 | | 253.2'-254.4' | 1.2' | | LO.002 | | |
| 75119 | | 344.0'-345.7' | 1.7' | | 0.076 | | |

12 Samples

Cert. A8610634-001-A

Project Name Bannockburn Property, Ontario
Mono Gold Mines Inc.

Month Jan.
Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton |
|---|---|---|---|---|---|---|
| 75120E | #86-10 | 33.4'-34.7' | 1.3' | | L0.002 | |
| 75121 | | 66.7'-68.0' | 1.3' | | L0.002 | |
| 75122 | | 91.1'-92.1' | 1.0' | | L0.002 | |
| 75123 | | 94.0'-95.0' | 1.0' | | L0.002 | |
| 75124 | | 199.0'-200.0' | 1.0' | | L0.002 | |
| 75125 | | 216.9'-217.9' | 1.0' | | L0.002 | |
| 75126 | | 229.6'-231.0' | 1.4' | | L0.002 | |
| 75127 | | 231.0'-232.1' | 1.1' | | L0.002 | |
| 75128 | | 232.1'-233.6' | 1.5' | | L0.002 | |
| 75129 | | 233.6'-234.8' | 1.2' | | L0.002 | 0.13 |
| 75130 | | 235.5'-236.9' | 1.4' | | L0.002 | 0.01 |
| 75131 | | 236.9'-238.2' | 1.3' | | L0.002 | 0.01 |
| 75132 | | 253.2'-254.2' | 1.0' | | 0.008 | |
| 75133 | | 259.0'-260.1' | 1.1' | | L0.002 | |
| 75134 | | 260.1'-261.3' | 1.2' | | L0.002 | |
| 75135 | | 270.8'-271.8' | 1.0' | | 0.008 | |
| 75136 | | 288.2'-289.2' | 1.0' | | L0.002 | |
| 75137 | | 333.9'-335.0' | 1.1' | | L0.002 | |
| 75138 | | 346.4'-347.8' | 1.4' | | 0.004 | 1.24 |
| 75139 | | 434.6'-435.6' | 1.0' | | 0.012 | |
| 75140 | | 472.5'-473.5' | 1.0' | | L0.002 | |
| 75141 | | 475.8'-476.8' | 1.0' | | 0.002 | |

22 Samples
Cert. A8610634-001&2-A
Cert. A8610747-001-A

Project Name Bannockburn Property, Ontario
Mono Gold Mines Inc.

Month Jan. Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75142E | #86-11 | 56.7'-57.7' | 1.0' | | 0.002 | | |
| 75143 | | 103.1'-104.1' | 1.0' | | LO.002 | | |
| 75144 | | 104.1'-105.1' | 1.0' | | LO.002 | | |
| 75145 | | 105.1'-106.1' | 1.0' | | LO.002 | | |
| 75146 | | 119.4'-120.9' | 1.5' | | LO.002 | | |
| 75147 | | 127.4'-128.4' | 1.0' | | LO.002 | | |
| 75148 | | 149.5'-150.5' | 1.0' | | LO.002 | | |
| 75149 | | 223.3'-224.3' | 1.0' | | LO.002 | | |
| 75150 | | 254.6'-256.7' | 2.1' | | LO.002 | 0.05 | |
| 75151 | | 258.6'-260.7' | 2.1' | | LO.002 | 0.45 | |
| 75152 | | 326.7'-328.3' | 1.6' | | 0.012 | | |
| 75153 | | 337.4'-338.4' | 1.0' | | 0.008 | | |
| 75154 | | 338.4'-339.4' | 1.0' | | 0.016 | | |
| 75155 | | 340.9'-341.9' | 1.0' | | 0.004 | | |
| 75156 | | 347.2'-348.2' | 1.0' | | LO.002 | | |
| 75157 | | 385.9'-387.0' | 1.1' | | LO.002 | | |

16 Samples
Cert. A8610634-002-A
Cert. A8610747-001-A

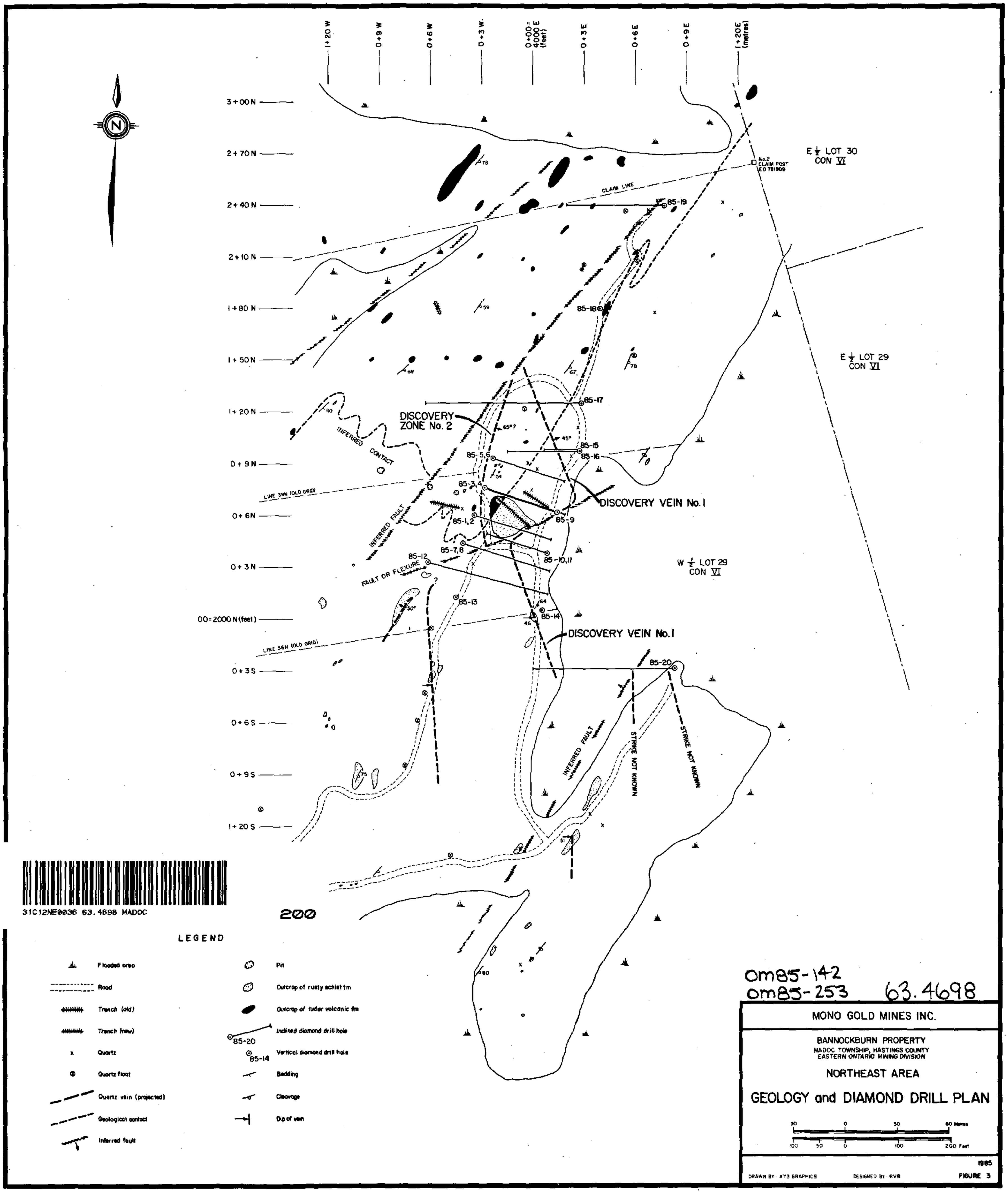
Project Name Bannockburn Property, Ontario
Mono Gold Mines Inc.

Month Jan.
Year 1986

| Assay Tag No. | D.D.H. | Footage | Width | | Au oz./ton | Ag oz./ton | |
|---|---|---|---|---|---|---|---|
| 75027 | Deepening of #85-27 | 316.5'-317.5' | 1.0' | | 0.002 | | |
| 75028 | | 345.4'-346.4' | 1.0' | | 0.004 | | |
| 75029 | | 426.3'-427.6' | 1.3' | | 0.014 | | |
| 75030 | | 474.5'-475.5' | 1.0' | | 1.638 | | |

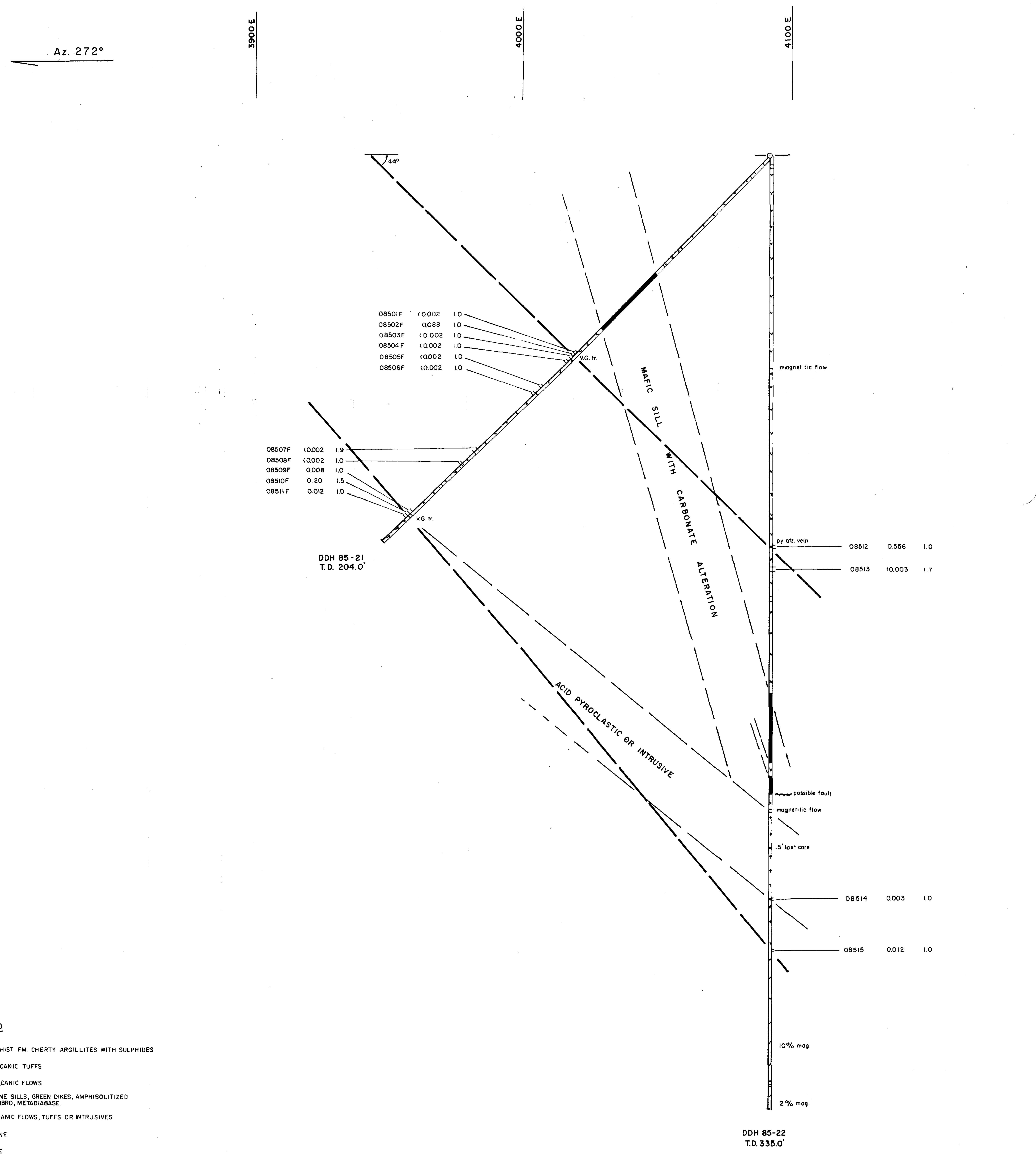
4 Samples

Cert. A8610297-001-A



1+20 W
0+9 W
0+6 W
0+3 W.
0+00= 4000 E (feet)
0+3 E
0+6 E
0+9 E
1+20 E (metres)
3+00 N
2+70 N
2+40 N
2+10 N
1+80 N
1+50 N
1+20 N
0+9 N
0+6 N
0+3 N
00=2000 N (feet)
0+3 S
0+6 S
0+9 S
1+20 S
N
E ½ LOT 30 CON VI
No.2 CLAIM POST EO 781909
CLAIM LINE
85-19
85-18
E ½ LOT 29 CON VI
85-17
DISCOVERY ZONE No. 2
INFERRED CONTACT
85-15
85-16
85-5,6
85-3,4
LINE 39N (OLD GRID)
DISCOVERY VEIN No. 1
85-9
85-1,2
INFERRED FAULT
85-7,8
85-10,11
85-12
FAULT OR FLEXURE
W ½ LOT 29 CON VI
85-13
85-14
DISCOVERY VEIN No. 1
LINE 36N (OLD GRID)
85-20
INFERRED FAULT
STRIKE NOT KNOWN
STRIKE NOT KNOWN
31C12NE0036 63.4698 MADOC
200
LEGEND
Flooded area
Road
Trench (old)
Trench (new)
Quartz
Quartz float
Quartz vein (projected)
Geological contact
Inferred fault
Pit
Outcrop of rusty schist fm
Outcrop of tudor volcanic fm
85-20 Inclined diamond drill hole
85-14 Vertical diamond drill hole
Bedding
Cleavage
Dip of vein
om85-142
om85-253
63.4698
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
NORTHEAST AREA
GEOLOGY and DIAMOND DRILL PLAN
30 0 30 60 Metres
100 50 0 100 200 Feet
1985
DRAWN BY XY3 GRAPHICS
DESIGNED BY RVB
FIGURE 3

4000E
2500 N
2000 N
SOIL GEOCHEM. ANOMALY
SOIL GEOCHEM. ANOMALY
19 low assays
18 low assays
deepened
A
B
C
D
E
Z
DISCOVERY TRENCH
FLEXURE FAULT
OLD PIT
OLD PIT
OLD PIT
12 low assays
0.123/1.0
VG 1.139/1.8
outcrop
29.23/1.3
0.586/1.0
0.012/1.0
flooded
Nov '84 = 8 ddh
July '85 = 6 ddh
LEGEND
Surface projection of auriferous quartz veins + projection of vein
Fault, fault in drill hole
Volcano - Sedimentary contact
Discovery sample (>0.9 oz/ton Au)
Contoured top of Tudor Volcanic Group
Diamond drill hole
Assay result, oz per ton Au / width in ft.
Proposed diamond drill hole
V.G. Visible native gold
N
om85-142
om85-253
63.4698
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.
NORTHEAST AREA
DIAMOND DRILL PLAN
0 50 100 150 FEET
BEAVON CONSULTING LIMITED
18 OCT 1985
SCALE 1" = 40'
DRAWN BY: R.V. BEAVON
FIGURE Nº 3




LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN – V.G. = VISIBLE NATIVE GOLD |
| 08512 0.556 1.0 | ASSAY Nº OZ/TON Au WIDTH (FT.) |

om85-142
om85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

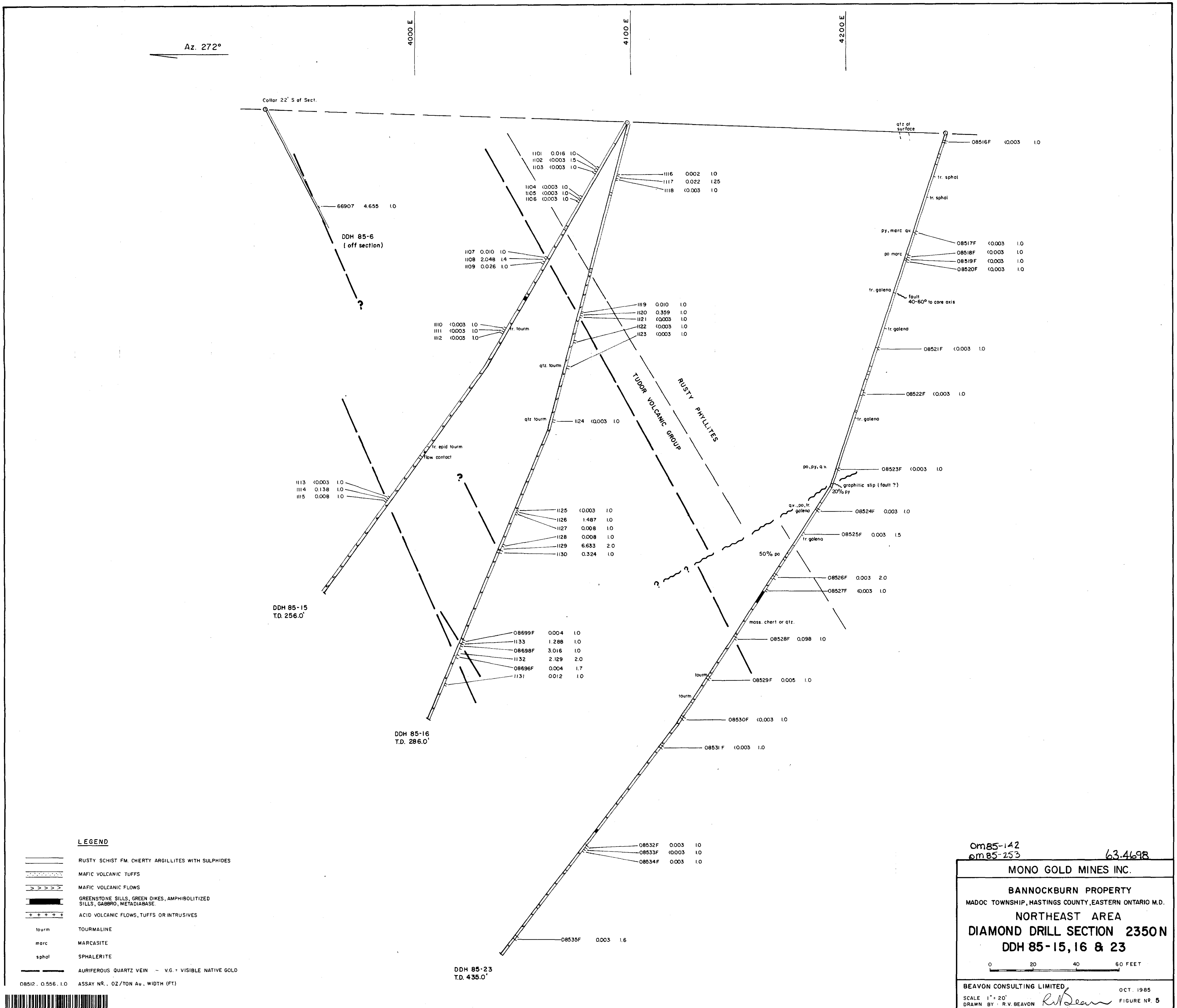
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

NORTHEAST AREA

# DIAMOND DRILL SECTION 2500 N
# DDH 85-21 & 22

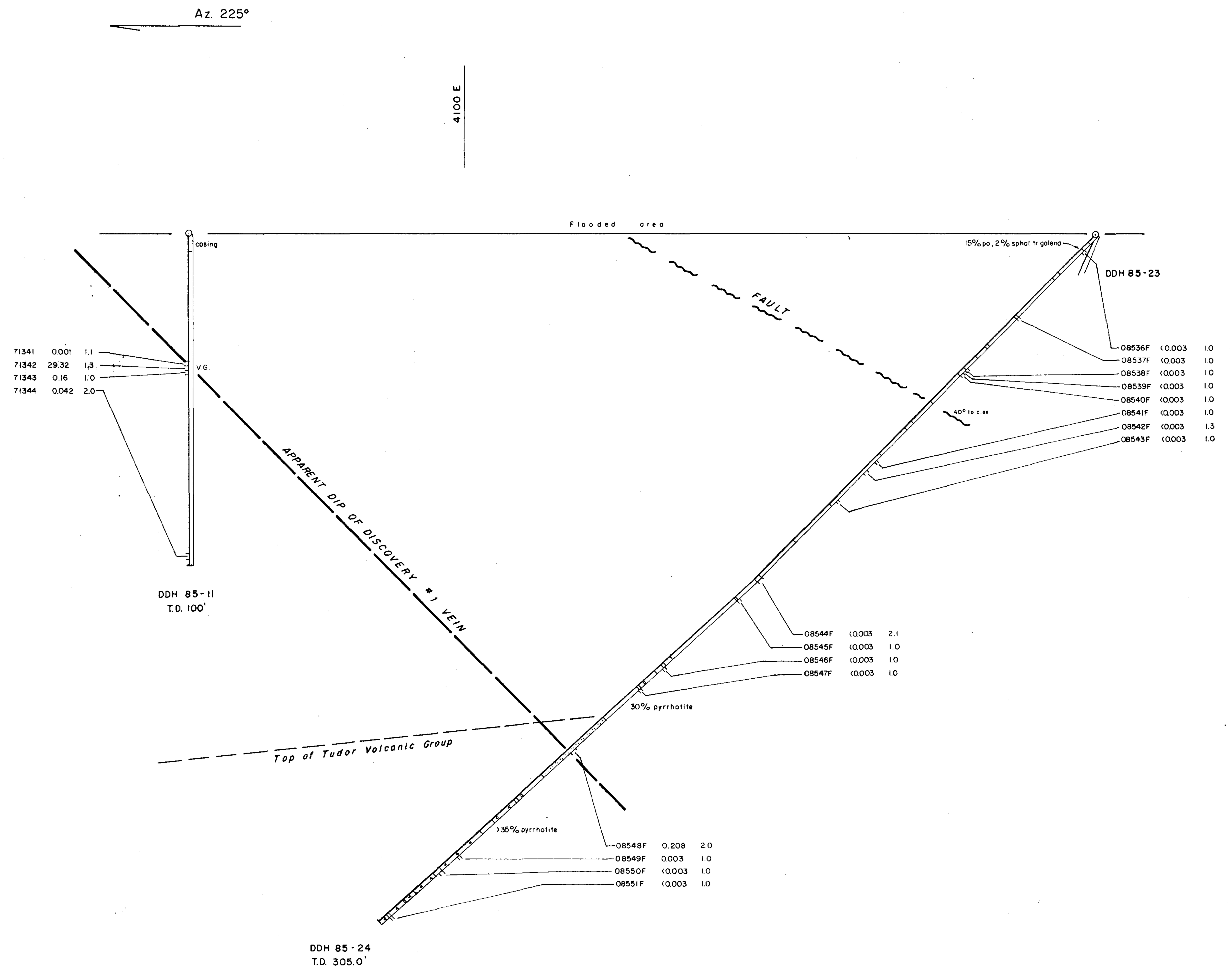
0 20 40 60 FEET

BEAVON CONSULTING LIMITED 18 OCT. 1985
SCALE 1" = 20'
DRAWN BY : R.V. BEAVON
FIGURE Nº. 4




31C12NE0036 63.4698 MADOC

230




LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN – V.G. = VISIBLE NATIVE GOLD |
| 08512, 0.556, 1.0 | ASSAY Nº., OZ/TON Au, WIDTH (FT.) |

OM85-142
OM85-253

63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

NORTHEAST AREA
DIAMOND DRILL SECTION
DDH 85-11 & 24

0 20 40 60 FEET

BEAVON CONSULTING LIMITED

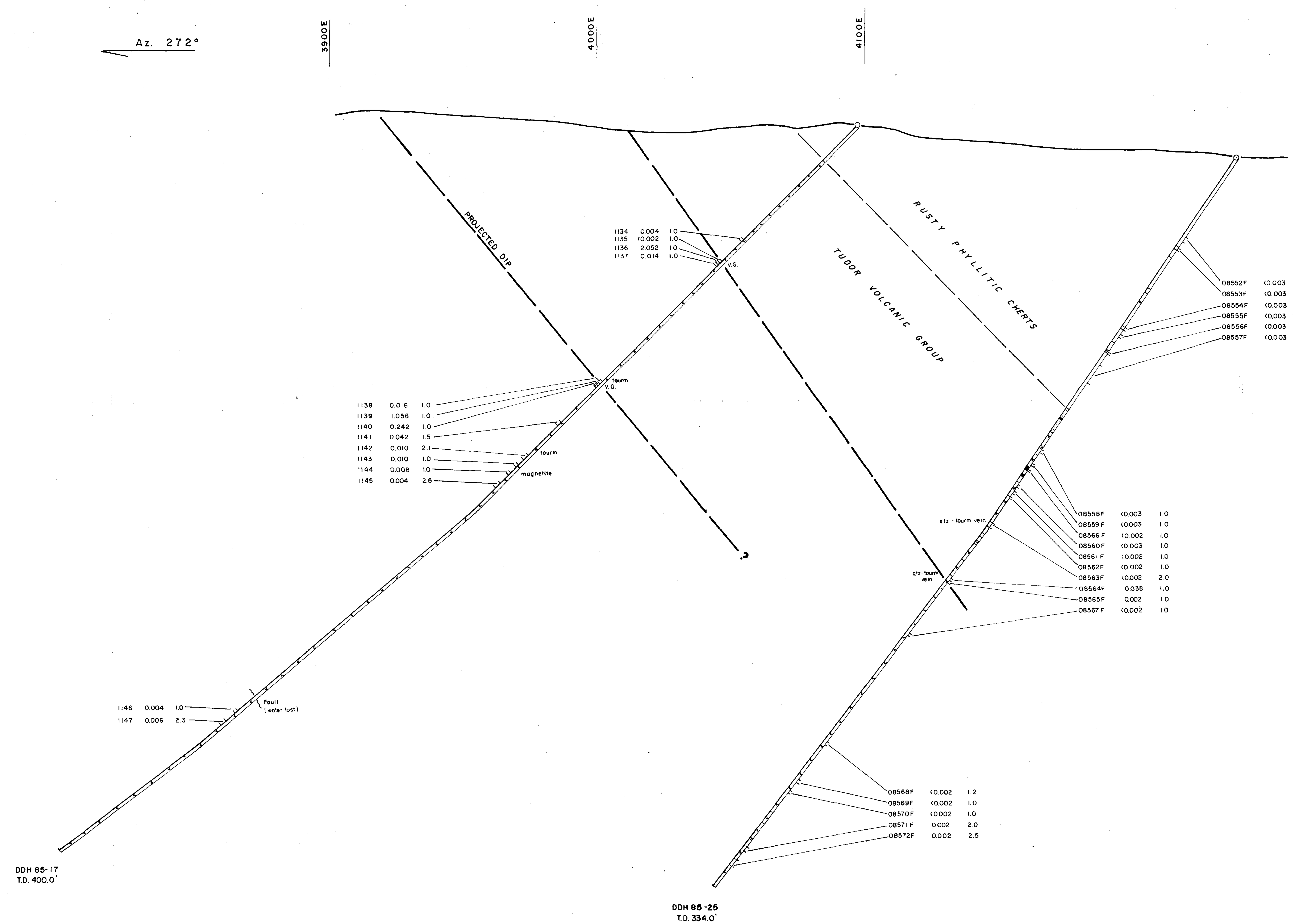
18 OCT. 1985

SCALE 1" = 20'
DRAWN BY : R.V. BEAVON

FIGURE Nº. 6

31C12NE0036 63.4698 MADOC

240




LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN - V.G. = VISIBLE NATIVE GOLD |
| | ASSAY Nº., OZ/TON Au, WIDTH (FT.) |

om85-142
om85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

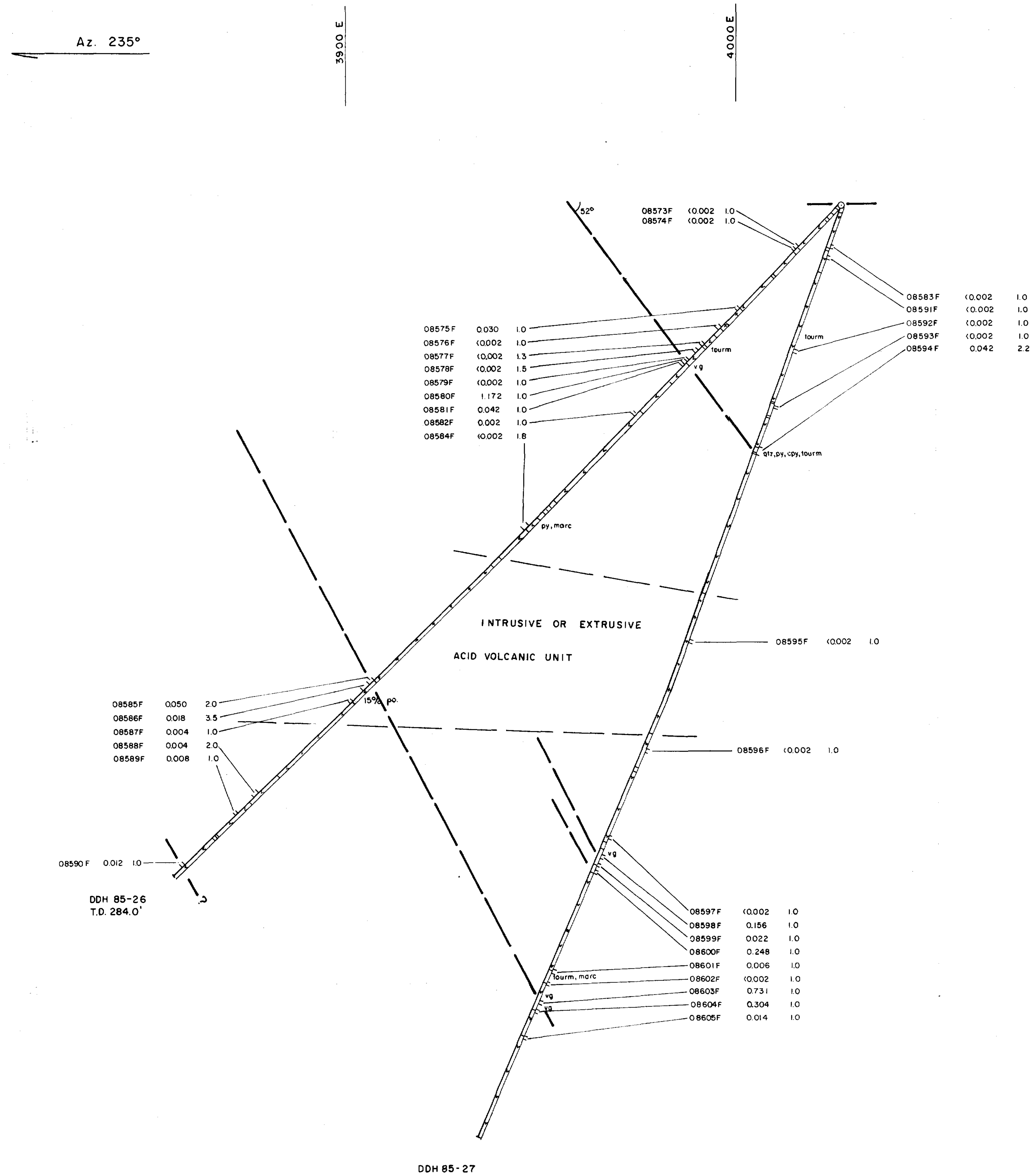
NORTHEAST AREA
DIAMOND DRILL SECTION 2430 N
DDH 85-17 & 25

0 20 40 60 FEET

BEAVON CONSULTING LIMITED 18 OCT. 1985
SCALE 1" = 20'
DRAWN BY: R.V. BEAVON FIGURE Nº. 7

31C12NE0036 63.4698 MADOC

250




LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN - V.G. = VISIBLE NATIVE GOLD |
| 08512 . 0.556 . 1.0 | ASSAY Nº., OZ/TON Au., WIDTH (FT.) |

31C12NE0036 63.4698 MADOC

260

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

NORTHEAST AREA

DIAMOND DRILL SECTION

DDH 85-26 & 27

0 20 40 60 FEET

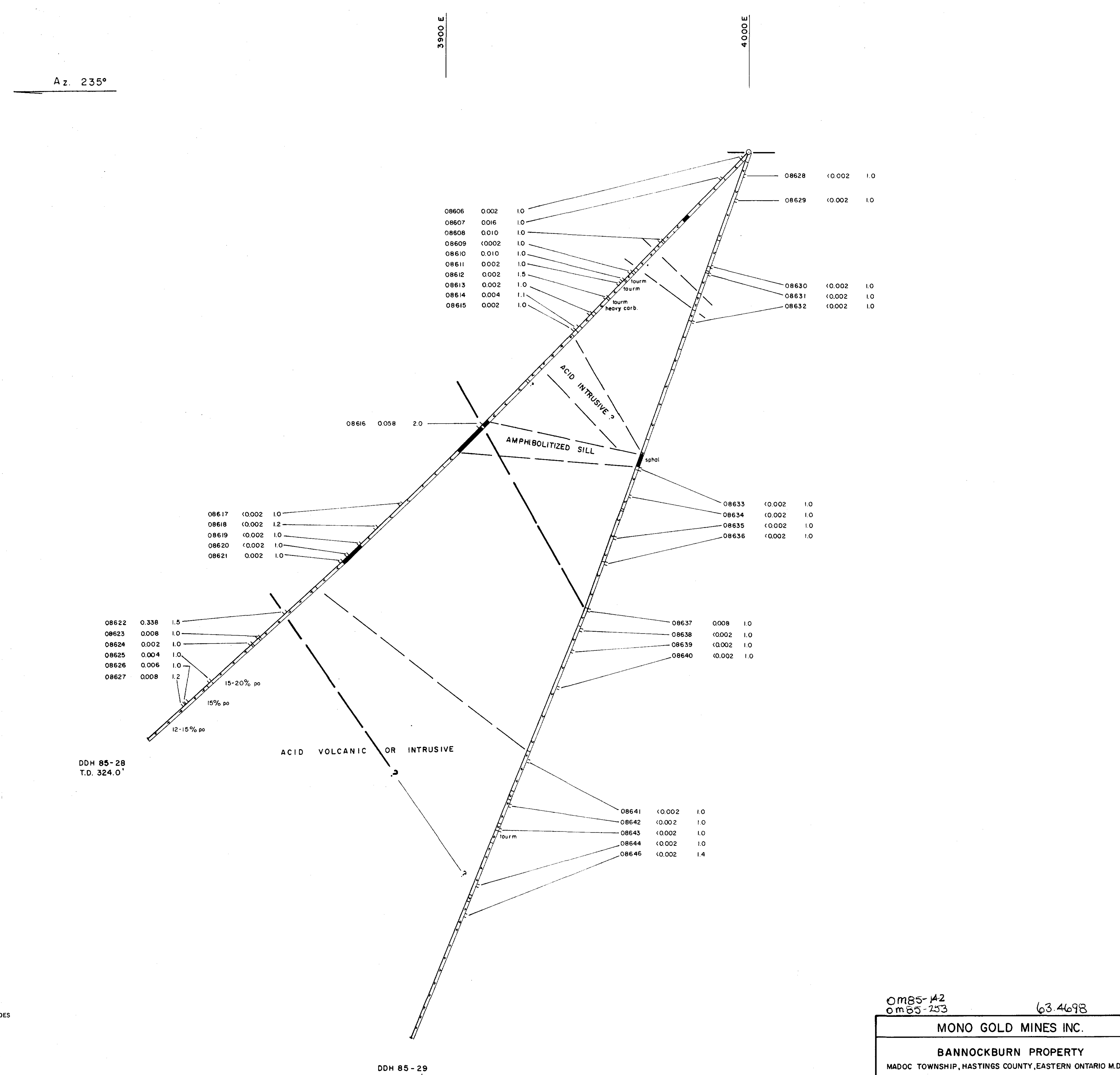
BEAVON CONSULTING LIMITED

18 OCT. 1985

SCALE 1" = 20'

DRAWN BY : R.V. BEAVON

FIGURE Nº. 8




## LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN — V.G. = VISIBLE NATIVE GOLD |
| 08512 0.556 1.0 | ASSAY Nº OZ (TON) WIDTH (FT.) |

om85-142
om85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

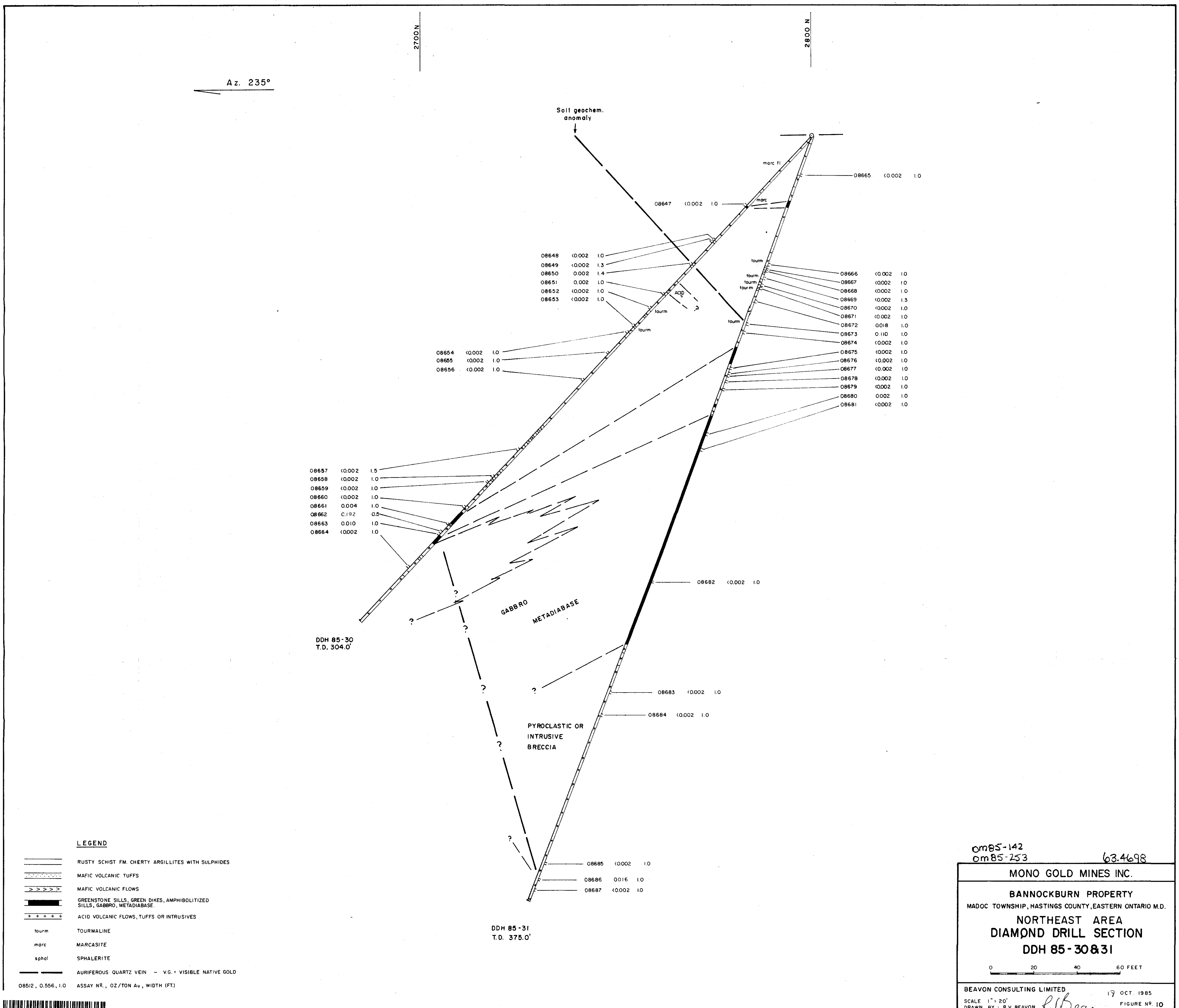
NORTHEAST AREA
DIAMOND DRILL SECTION
DDH 85-28 & 29

0 20 40 60 FEET

BEAVON CONSULTING LIMITED
18 OCT. 1985
SCALE 1" = 20'
DRAWN BY: R.V. BEAVON
FIGURE Nº. 9

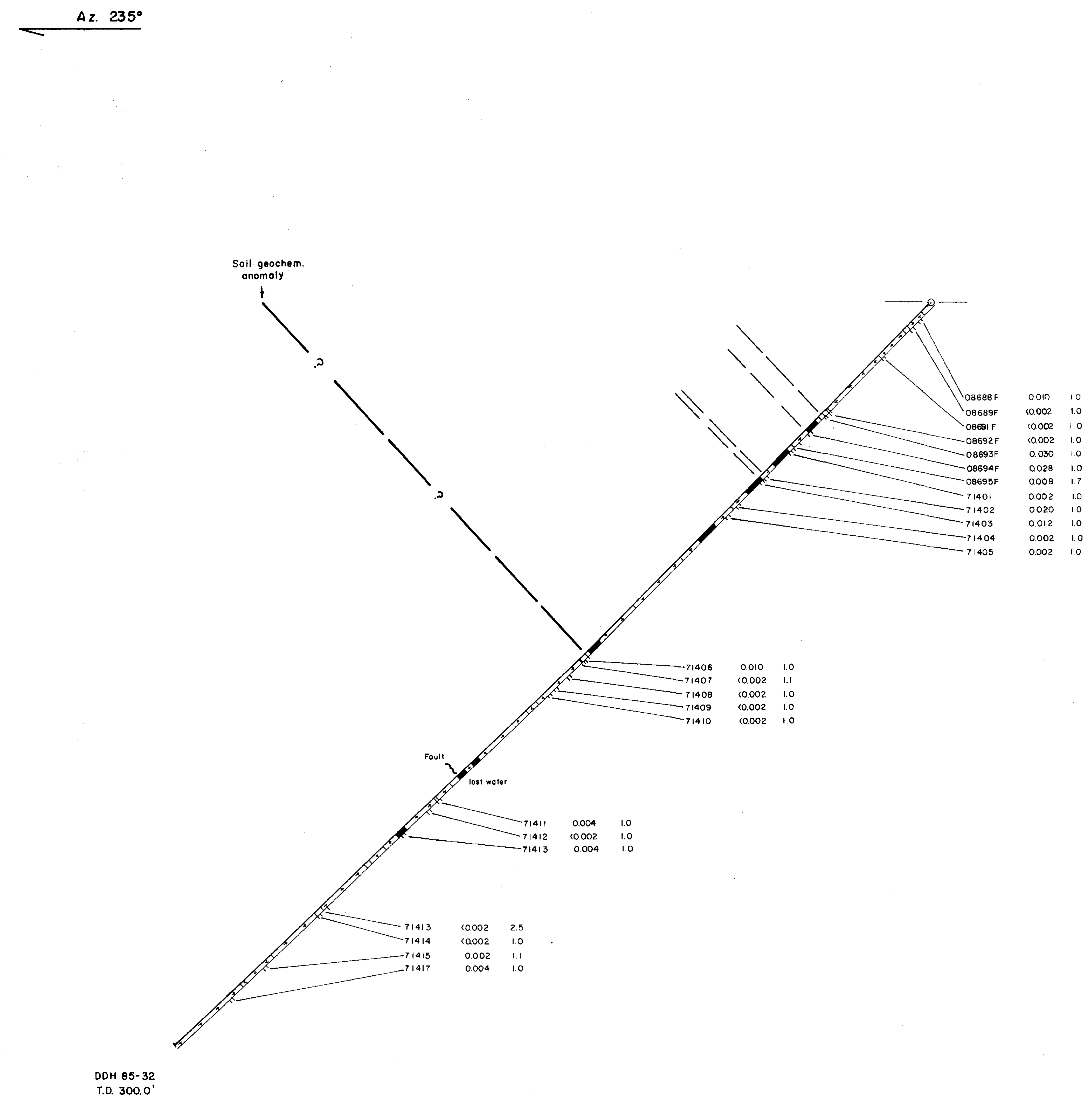
31C12NE0036 63.4698 MADOC

270




31C12NE0036 63.4698 MADOC

280




LEGEND

| | |
|---|---|
| | RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES |
| | MAFIC VOLCANIC TUFFS |
| > > > > > | MAFIC VOLCANIC FLOWS |
| | GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE. |
| + + + + + | ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES |
| tourm | TOURMALINE |
| marc | MARCASITE |
| sphal | SPHALERITE |
| | AURIFEROUS QUARTZ VEIN — V.G. = VISIBLE NATIVE GOLD |

ᵀH (FT.)

om85-142
om85-253

63.4698

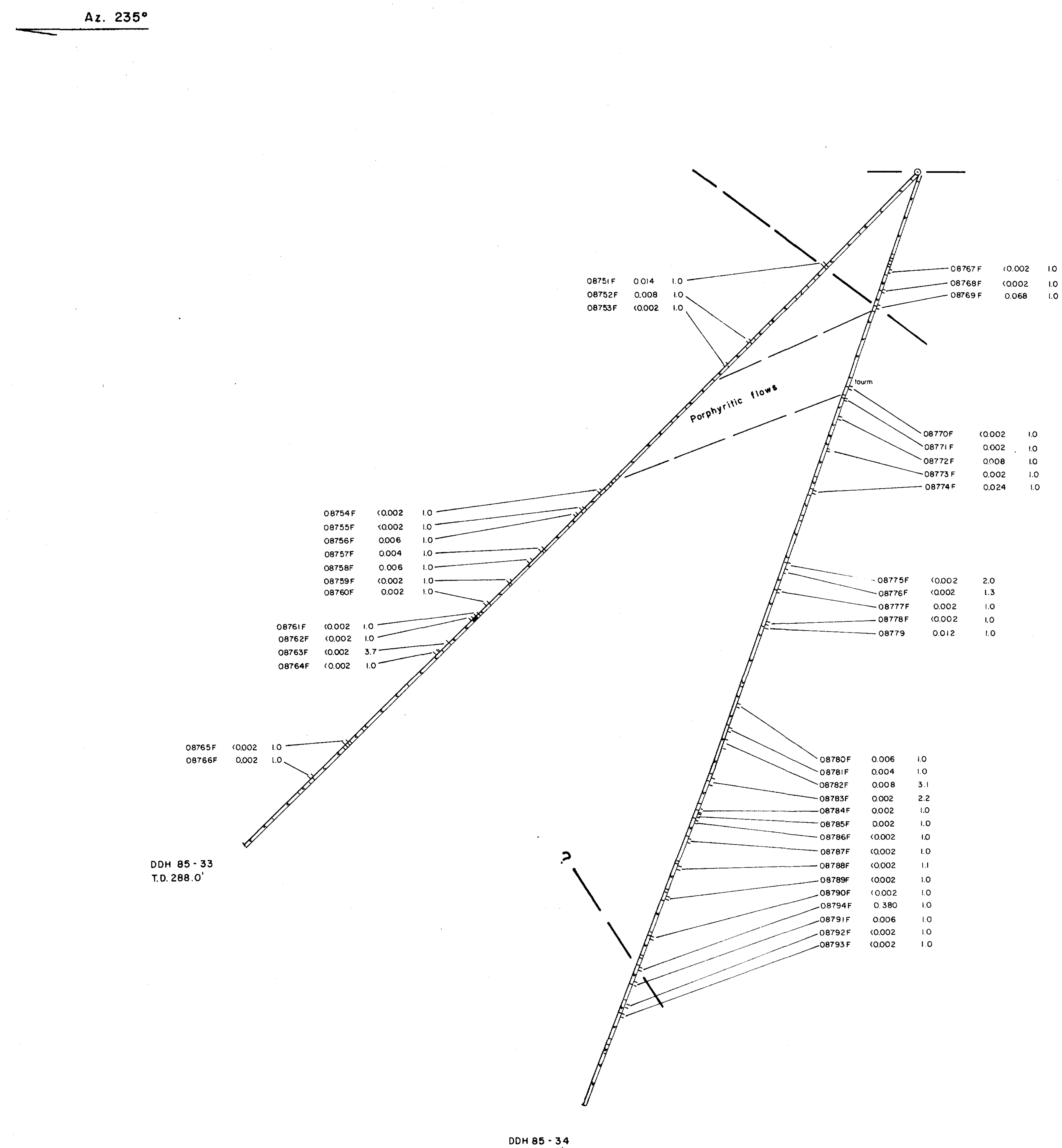
MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

NORTHEAST AREA
DIAMOND DRILL SECTION
DDH 85-32

0 20 40 60 FEET

BEAVON CONSULTING LIMITED 18 OCT. 1985
SCALE 1" = 20'
DRAWN BY : R.V. BEAVON FIGURE Nº. 11




LEGEND

RUSTY SCHIST FM. CHERTY ARGILLITES WITH SULPHIDES
MAFIC VOLCANIC TUFFS
MAFIC VOLCANIC FLOWS
GREENSTONE SILLS, GREEN DIKES, AMPHIBOLITIZED SILLS, GABBRO, METADIABASE.
ACID VOLCANIC FLOWS, TUFFS OR INTRUSIVES
tourm TOURMALINE
marc MARCASITE
sphal SPHALERITE
AURIFEROUS QUARTZ VEIN — V.G = VISIBLE NATIVE GOLD
0.556 1.0 ASSAY Nº., OZ/TON Au, WIDTH (FT.)

OM85-142
OM85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

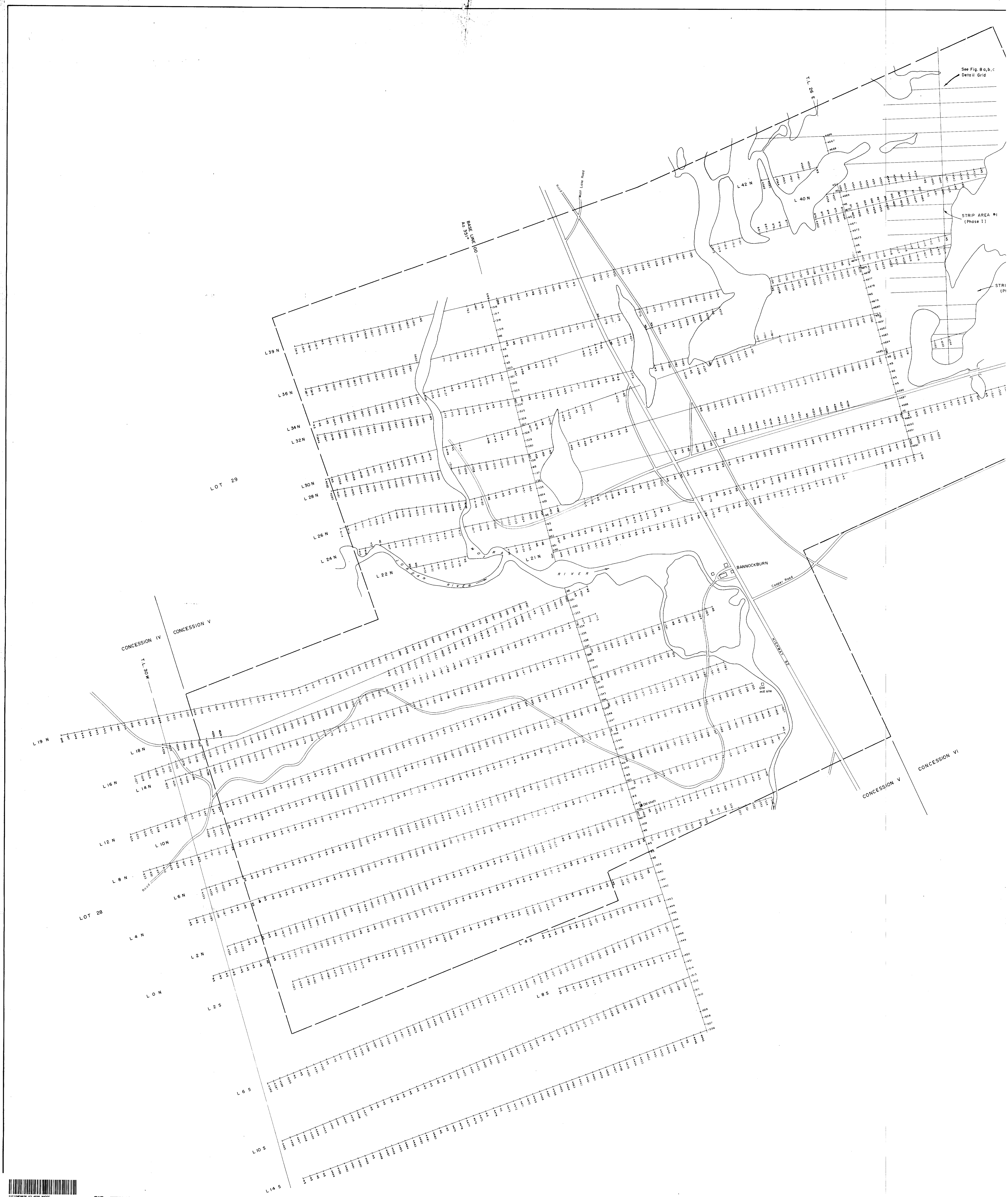
NORTHEAST AREA
DIAMOND DRILL SECTION
DDH 85-33 & 34

0 20 40 60 FEET

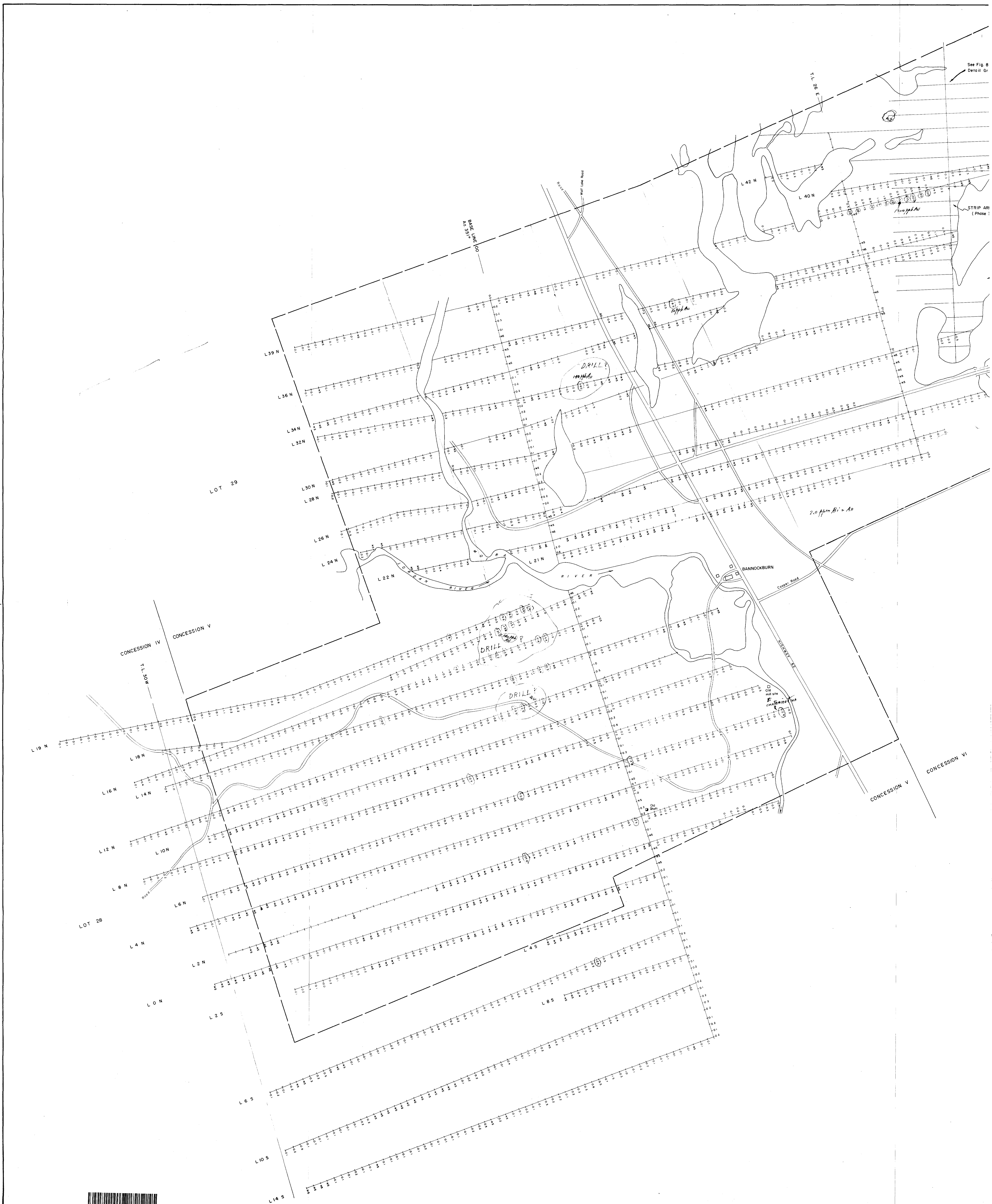
BEAVON CONSULTING LIMITED 18 OCT. 1985
SCALE 1" = 20'
DRAWN BY: R.V. BEAVON FIGURE Nº. 12

31C12NE0036 63.4698 MADOC

300


See Fig. 8a,b,c
Detail Grid
T.L. 26 E
Wolf Lake Road
L 42 N
L 40 N
STRIP AREA #1
(Phase 1)
BASE LINE 00
Az 351°
L39 N
L36 N
L34N
L32N
LOT 29
L30 N
L28 N
L26 N
L24 N
L22 N
L21 N
JORDAN RIVER
RIVER
BANNOCKBURN
Cooper Road
HIGHWAY 62
Old mill site
Old shaft
CONCESSION IV
CONCESSION V
T.L. 30 W
L19 N
L18 N
L16 N
L14 N
L12 N
L10 N
L8 N
L6 N
LOT 28
L4 N
L2 N
L0 N
L2 S
L4 S
L8 S
L6 S
L10 S
L14 S
CONCESSION V
CONCESSION VI

310


See Fig. 8
Detail Gr
T.L. 26 E
BASE LINE 100
Az 35°
Wolf Lake Road
L 42 N
L 40 N
STRIP AR
( Phase
L 39 N
L 36 N
L 34 N
L 32 N
L 30 N
L 28 N
L 26 N
L 24 N
L 22 N
L 21 N
LOT 29
DRILL?
RIVER
BANNOCKBURN
Cooper Road
Highway 62
CONCESSION IV
CONCESSION V
T.L. 30 W
DRILL?
DRILL?
Old mill site
Old Shaft
L 19 N
L 18 N
L 16 N
L 14 N
L 12 N
L 10 N
L 8 N
L 6 N
LOT 28
L 4 N
L 2 N
L 0 N
L 2 S
L 4 S
L 8 S
L 6 S
L 10 S
L 14 S
CONCESSION V
CONCESSION VI

320


| | |
|---|---|
| ⊢1933 | SAMPLE LOCATION AND NUMBER |
| NS | NO SAMPLE |
| └─ | CLAIM BOUNDARY |

om85-142
om85-253

63.4696

# MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONT M.D.

CLAIMS E0781909 AND E0781910

West ½ Lot 30, Concession VI

## GEOCHEMICAL MAP
## SAMPLE NUMBER

0 200 400 600 feet

BEAVON CONSULTING LIMITED

SCALE 1" = 200'

DRAWN BY K.A. KRYKLYWY

JAN. 1986

FIGURE No. 6a

31C12NE0036 63.4698 MADOC

330


├ ·01 BISMUTH ppm

NS NO SAMPLE

└ — CLAIM BOUNDARY

om85-142
om85-253

63.4698

# MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONT M D

CLAIMS E0781909 AND E0781910

West ½ Lot 30, Concession VI

## GEOCHEMICAL MAP
## BISMUTH, PPM

0 200 400 600 feet

BEAVON CONSULTING LIMITED

SCALE 1" = 200'

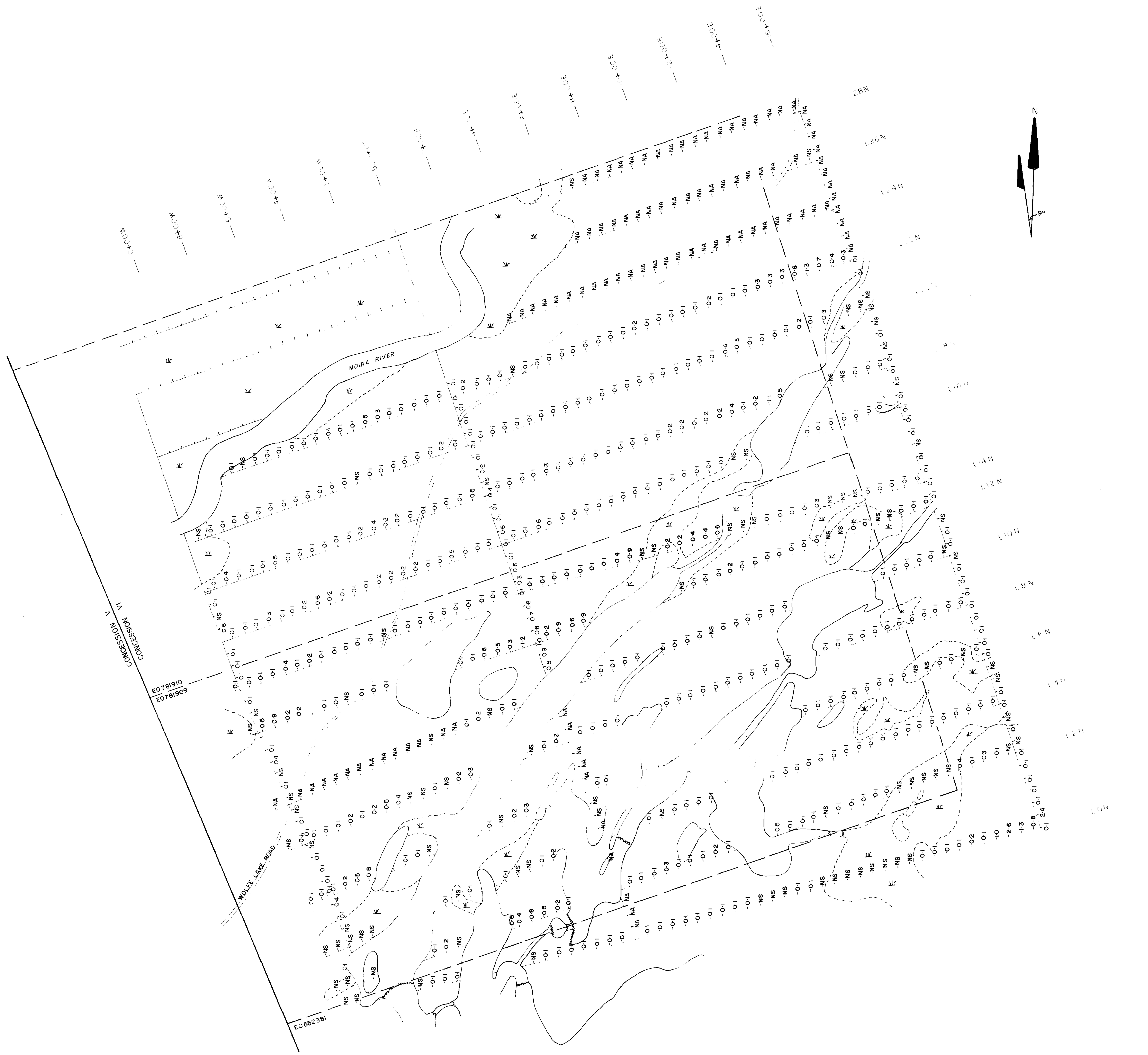
DRAWN BY K·A· KRYKLYWY

JAN 1986

FIGURE NO 6b

340

31C12NE0036 63.4698 MADOC




⊢0·1 SILVER ppm
NS NO SAMPLE
NA NOT ANALYZED
CLAIM BOUNDARY

Om85-142
Om85-253

63.4698

## MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONT M.D

CLAIMS E0781909 AND E0781910

West ½ Lot 30, Concession VI

# GEOCHEMICAL MAP
## SILVER, PPM

0 200 400 600 feet

BEAVON CONSULTING LIMITED
SCALE 1"=200'
DRAWN BY KA KRYKLYWY
JAN. 1986
FIGURE NO 6c

31C12NE0036 63.4698 MADOC

350


F4794 SAMPLE NUMBER AND LOCATION

NS NO SAMPLE

CLAIM BOUNDARY

SWAMP

BUSH ROAD

Om85-142
Om85-253

63.4698

# MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONT. M.D.

CLAIMS E0572483, E0592199
E0740470 & E0740472

E½ Lot 27 Conc. V, Part Lot 27 and Part Lot 28 Conc. VI

## GEOCHEMICAL MAP
## SAMPLE NUMBER

0 200 400 600 feet

BEAVON CONSULTING LIMITED

SCALE 1" = 200'

DRAWN BY K.A. KRYKLYWY

JAN. 1986

FIGURE NO. 7a

31C12NE0036 63.4698 MADOC

360


Bi 0·1 BISMUTH ppm
NS NO SAMPLE
CLAIM BOUNDARY
SWAMP
BUSH ROAD

om85-142
om85-253

63.4698

# MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONT. M.D.

CLAIMS E0572483, E0592199
E0740470 & E0740472

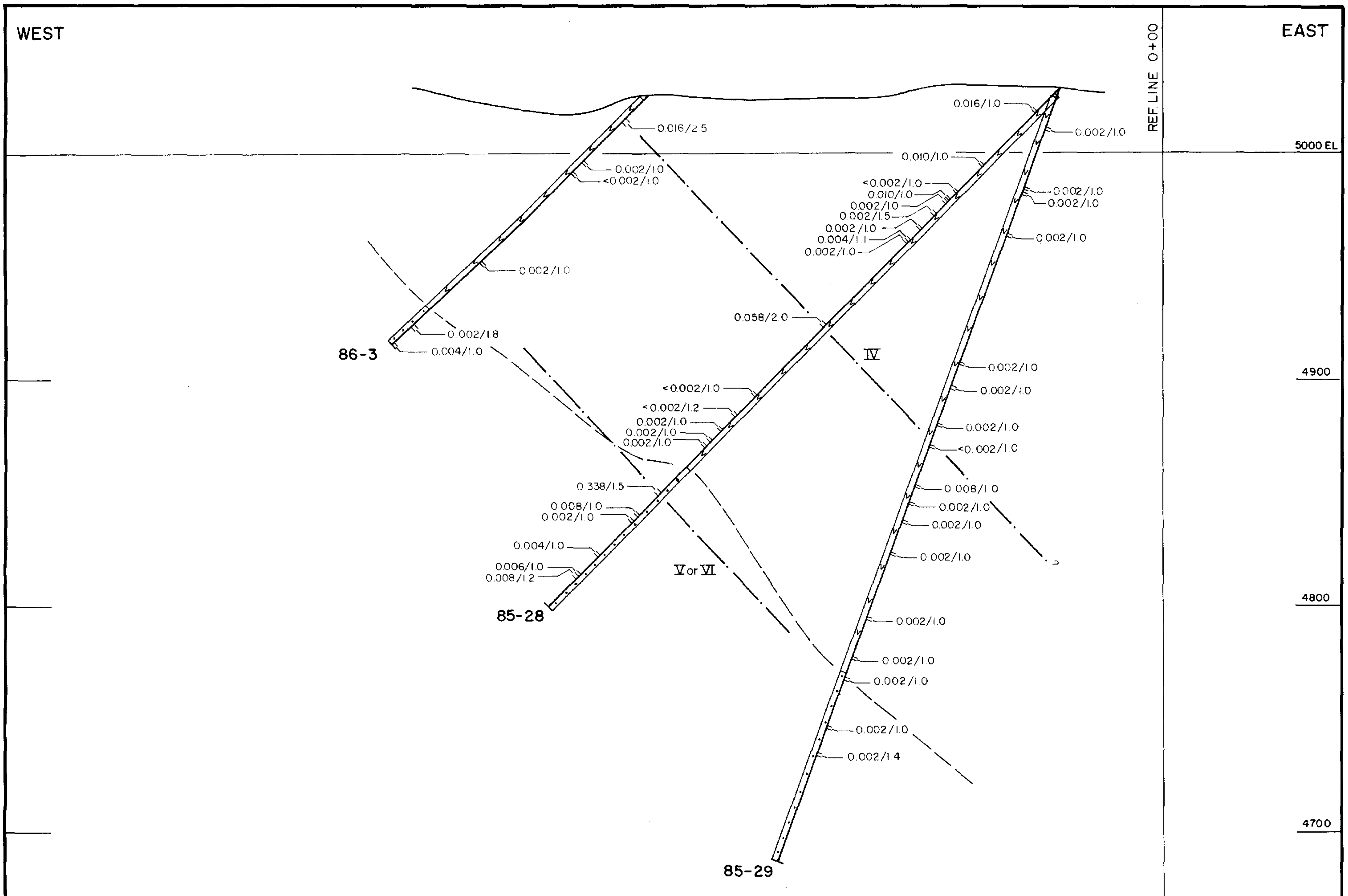
## GEOCHEMICAL MAP
### BISMUTH, PPM

0 200 400 600 feet

BEAVON CONSULTING LIMITED
SCALE 1"= 200'
DRAWN BY K.A. KRYKLYWY
JAN. 1986
FIGURE No. 7b



370




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite ?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

**MONO GOLD MINES INC.**

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

# SECTION "H"
## CROSS SECTION ON 235°

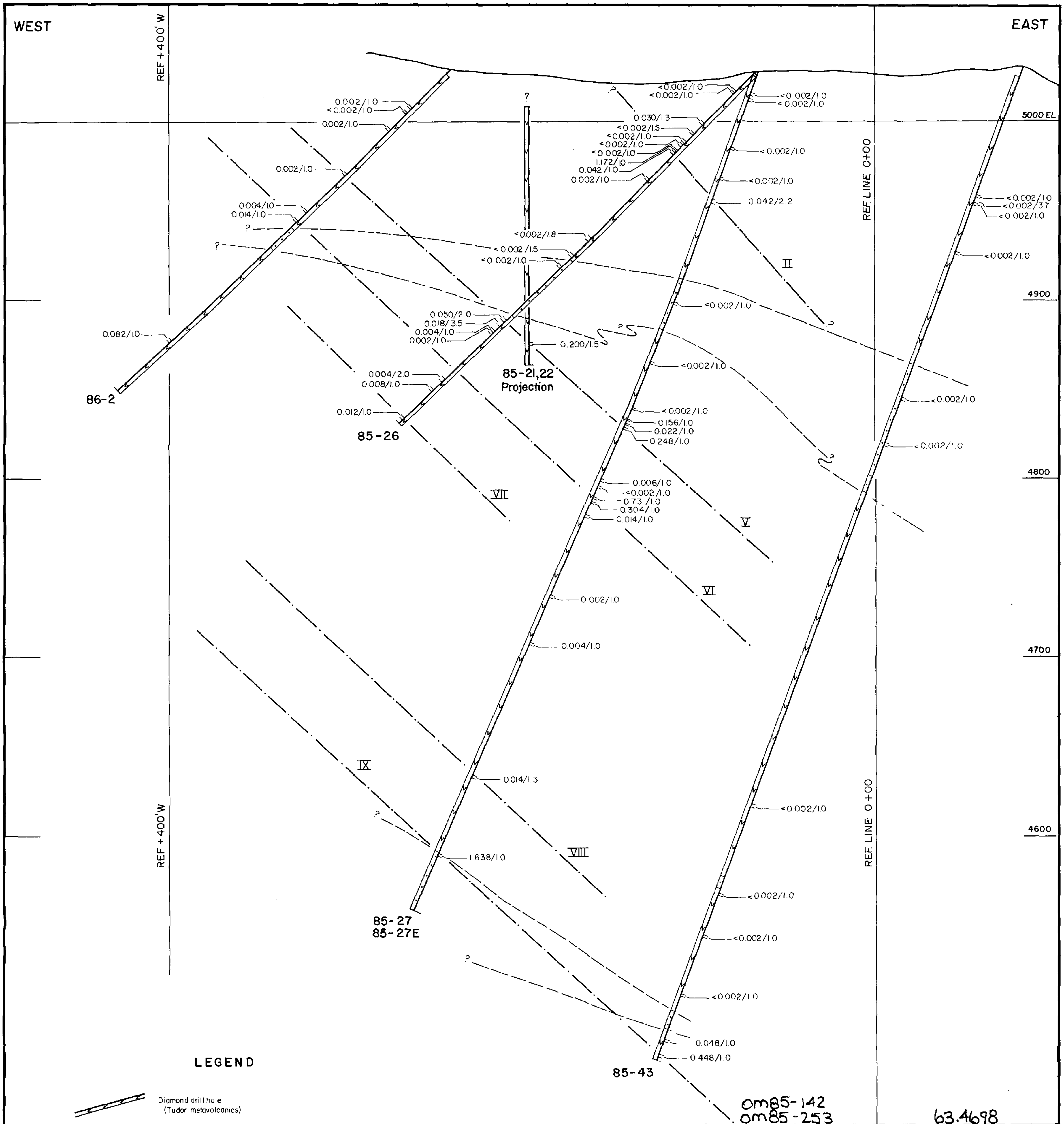
40 20 0 40 80 Feet

MARCH 1986
FIGURE 4

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK

31C12NE0036 63.4698 MADOC

380




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

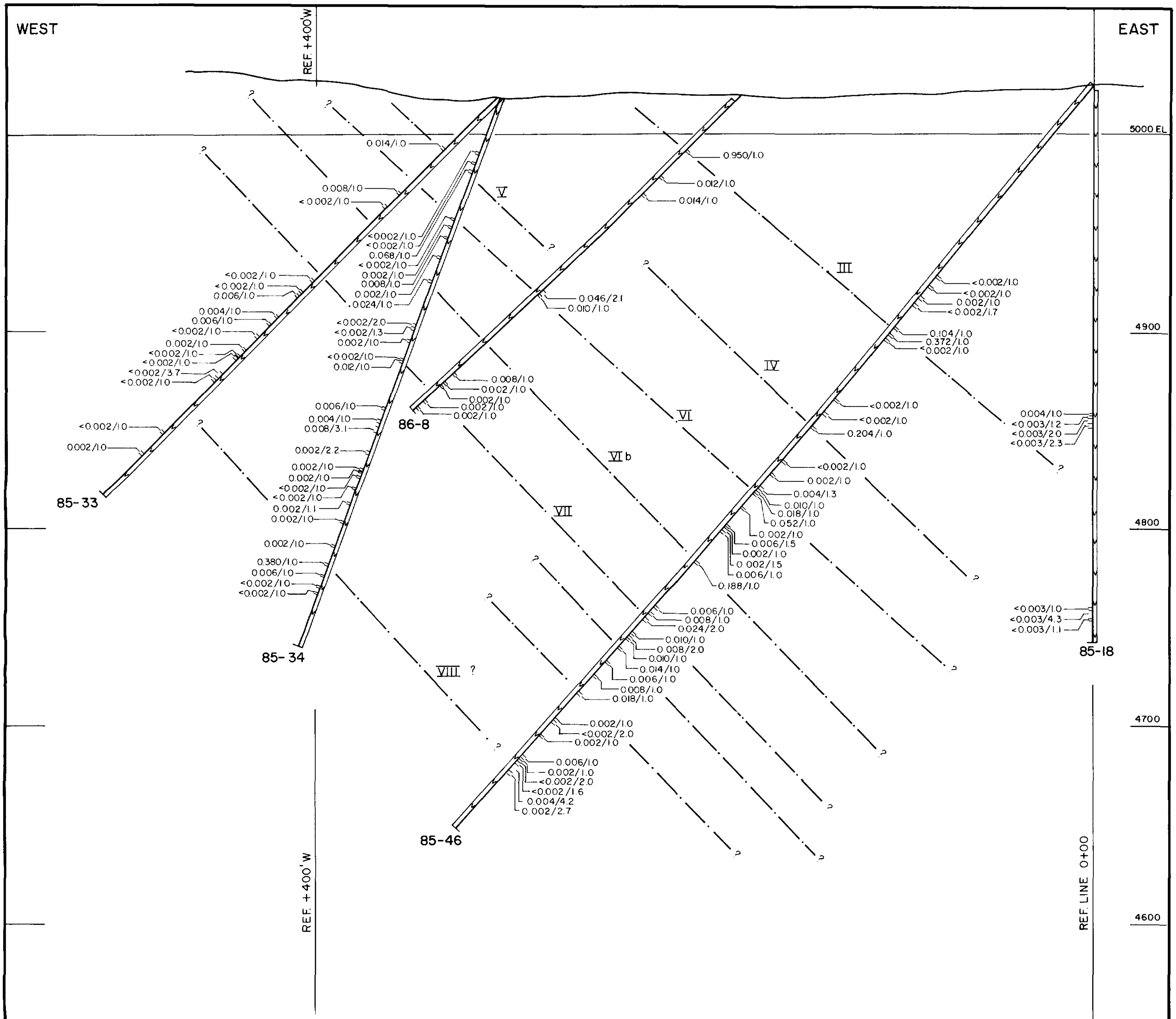
NORTHEAST AREA

# SECTION "K"
## CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY BRK FIGURE 5




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

# SECTION "L"

## CROSS SECTION ON 235°

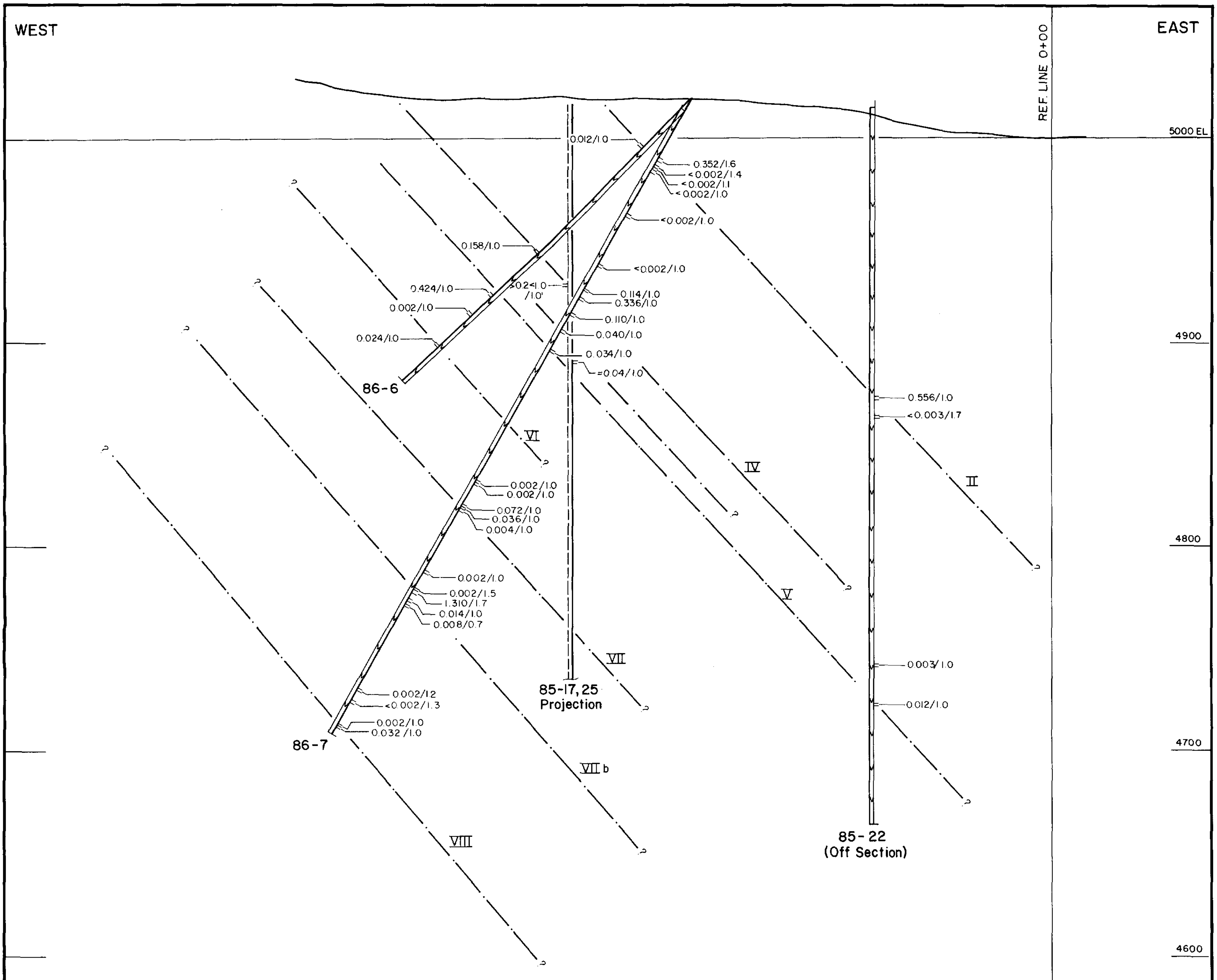
40 20 0 40 80 Feet

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK FIGURE 6



400




## LEGEND

Diamond drill hole
(Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0

Assay, Au oz/ton, width (ft)
(All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

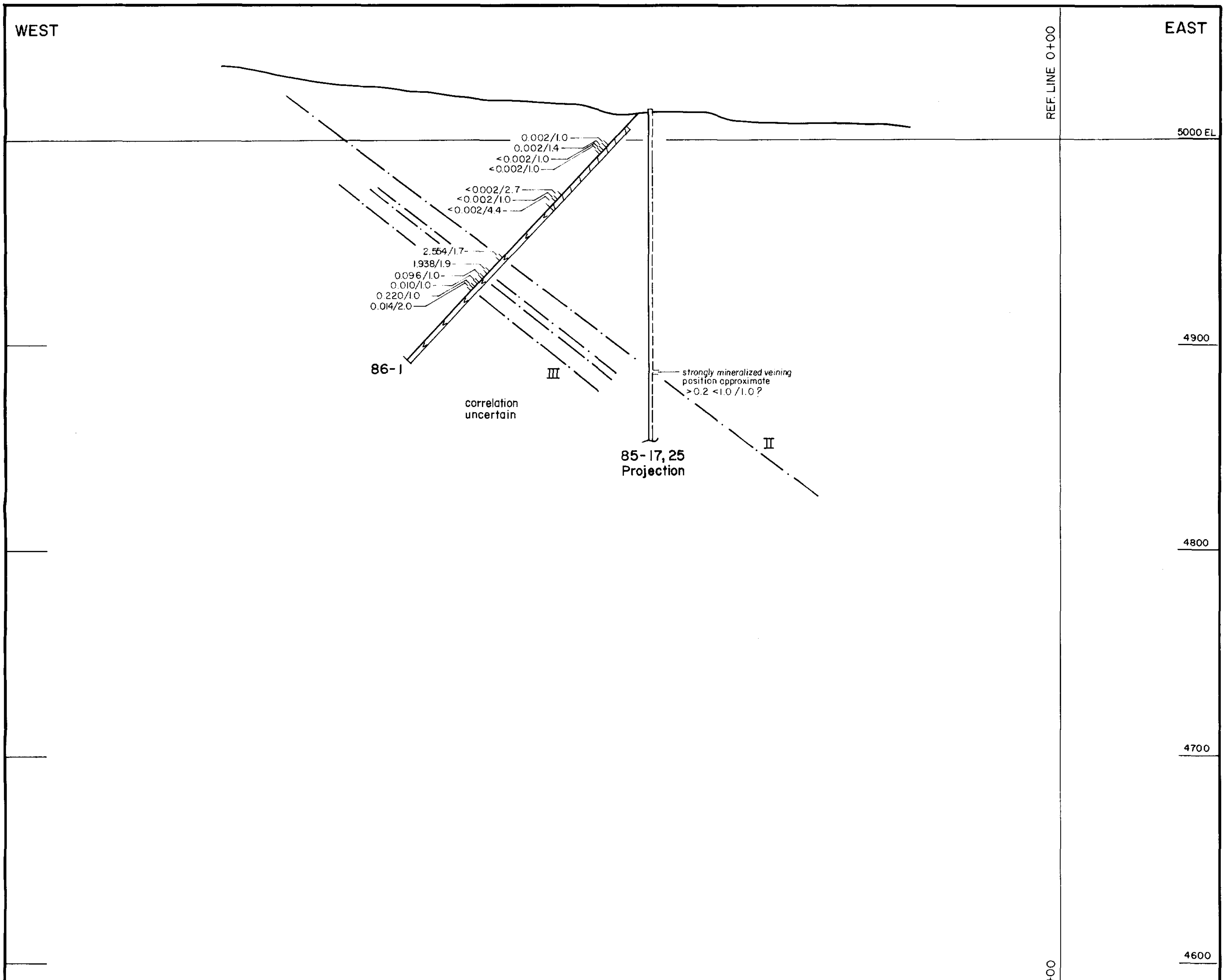
NORTHEAST AREA

# SECTION "M"
## CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK FIGURE 7




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

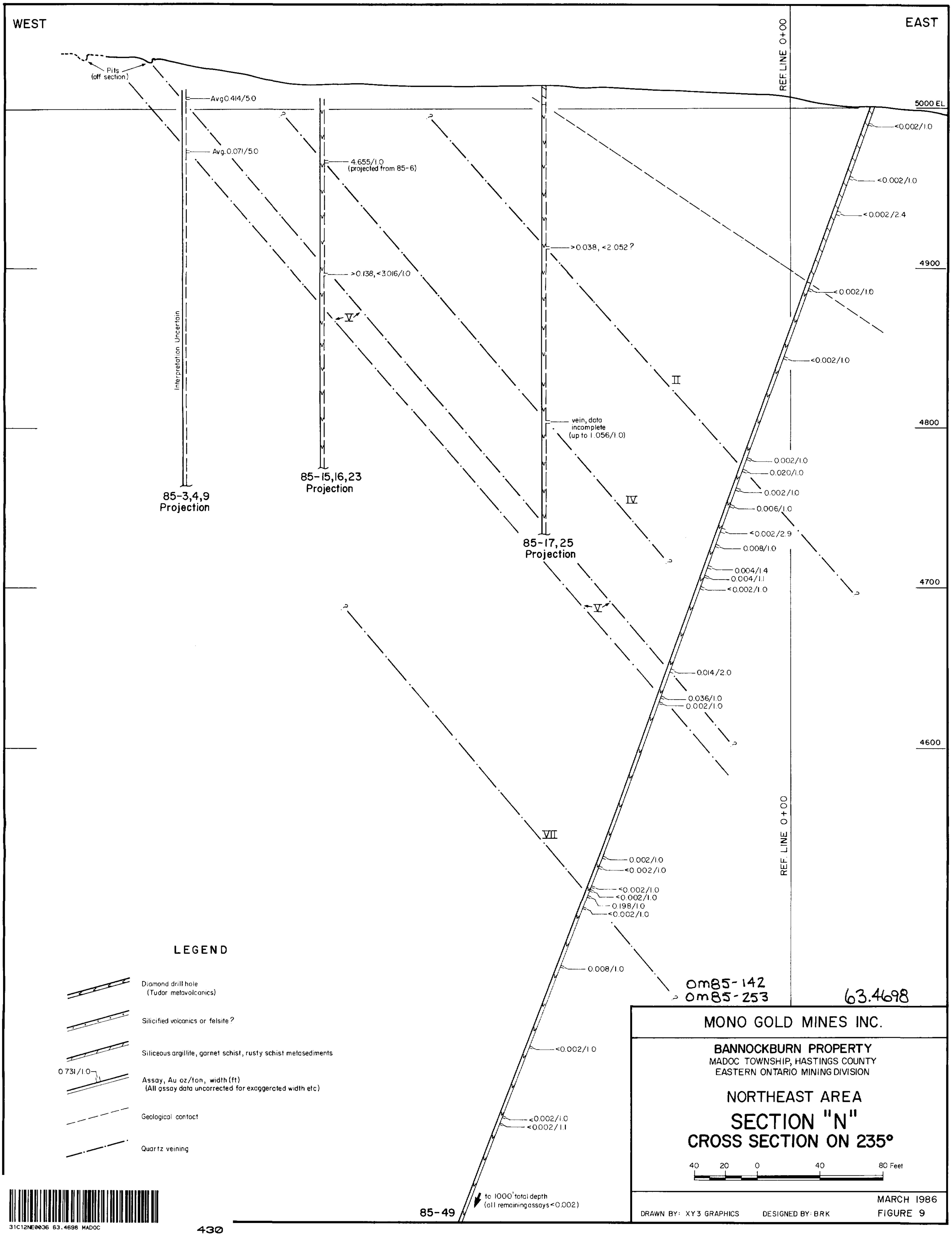
NORTHEAST AREA

# SECTION "Mb"
## CROSS SECTION ON 235°

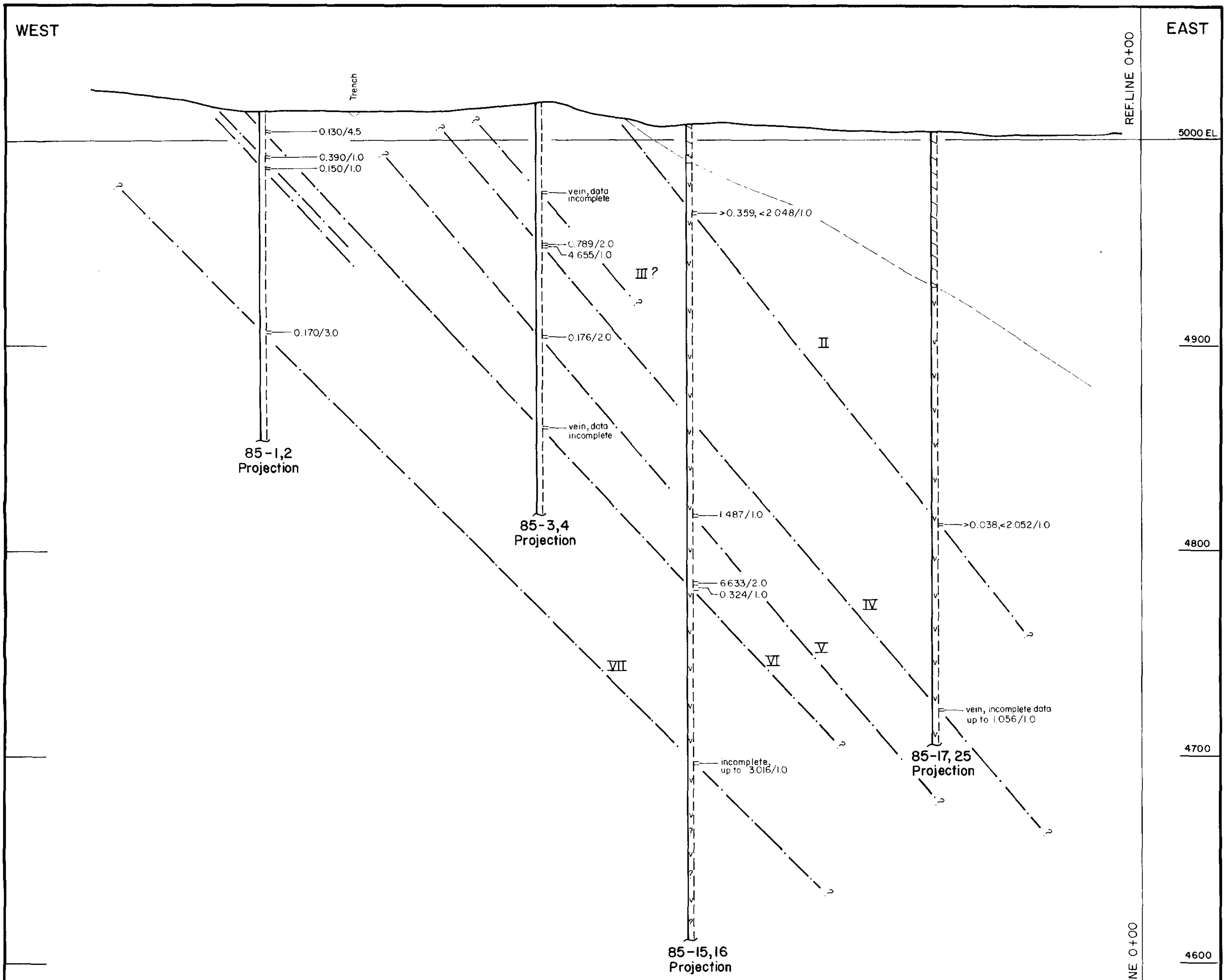
40 20 0 40 80 Feet

MARCH 1986
FIGURE 8

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK



WEST
EAST
REF. LINE 0+00
Pits
(off section)
5000 EL
4900
4800
4700
4600
Avg.0.414/5.0
Avg.0.071/5.0
4.655/1.0
(projected from 85-6)
>0.138, <3.016/1.0
>0.038, <2.052 ?
vein, data
incomplete
(up to 1.056/1.0)
Interpretation Uncertain
85-3,4,9
Projection
85-15,16,23
Projection
85-17,25
Projection
II
IV
V
VII
<0.002/1.0
<0.002/1.0
<0.002/2.4
<0.002/1.0
<0.002/1.0
0.002/1.0
0.020/1.0
0.002/1.0
0.006/1.0
<0.002/2.9
0.008/1.0
0.004/1.4
0.004/1.1
<0.002/1.0
0.014/2.0
0.036/1.0
0.002/1.0
0.002/1.0
<0.002/1.0
<0.002/1.0
<0.002/1.0
0.198/1.0
<0.002/1.0
0.008/1.0
<0.002/1.0
<0.002/1.0
<0.002/1.1
to 1000' total depth
(all remaining assays <0.002)
85-49
om85-142
om85-253
63.4698
LEGEND
Diamond drill hole
(Tudor metavolcanics)
Silicified volcanics or felsite?
Siliceous argillite, garnet schist, rusty schist metasediments
0.731/1.0
Assay, Au oz/ton, width (ft)
(All assay data uncorrected for exaggerated width etc)
Geological contact
Quartz veining
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
NORTHEAST AREA
SECTION "N"
CROSS SECTION ON 235°
40 20 0 40 80 Feet
MARCH 1986
DRAWN BY: XY3 GRAPHICS
DESIGNED BY: BRK
FIGURE 9




## LEGEND

- Diamond drill hole (Tudor metavolcanics)
- Silicified volcanics or felsite ?
- Siliceous argillite, garnet schist, rusty schist metasediments
- 0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)
- Geological contact
- Quartz veining

om85-142
om85-253
63.4698

**MONO GOLD MINES INC.**

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

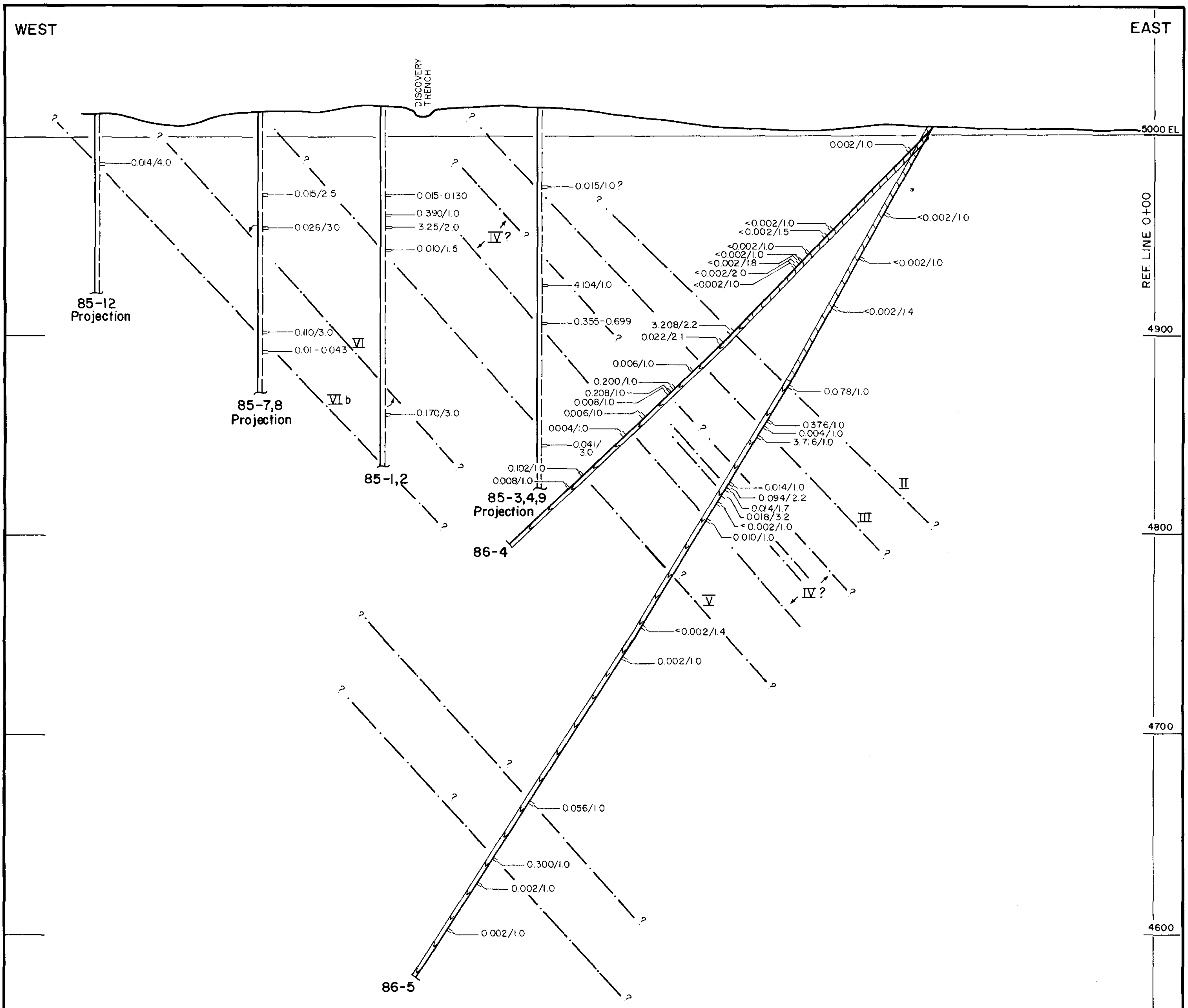
## NORTHEAST AREA

# SECTION "P"
## CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986
FIGURE 10

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK




om85-142
om85-253

63.4698

## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

MONO GOLD MINES INC.

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

# SECTION "Q"
## CROSS SECTION ON 235°

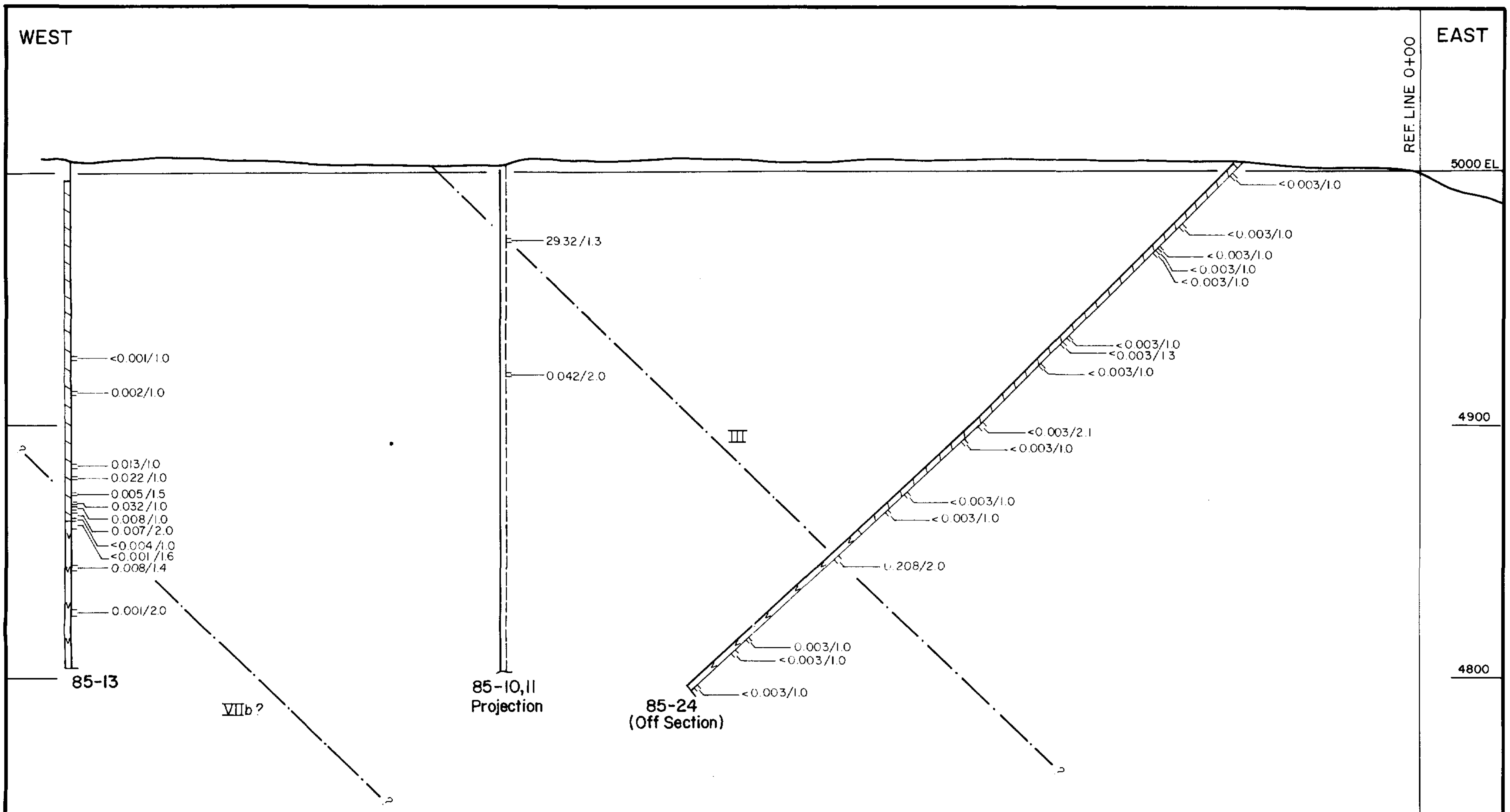
40 20 0 40 80 Feet

MARCH 1986
FIGURE 11

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK

31C12NE0036 63.4698 MADOC

450




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253

63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

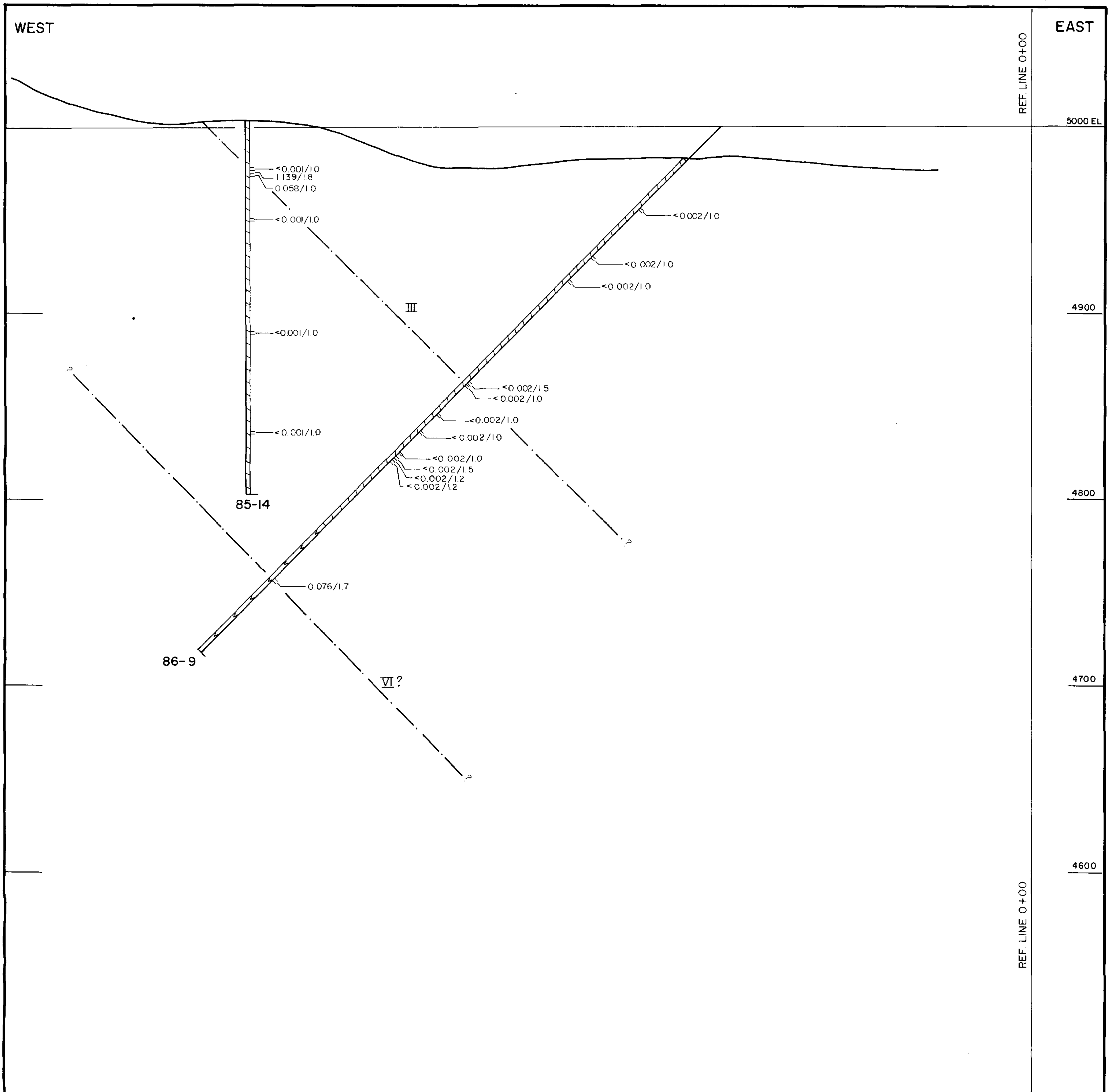
NORTHEAST AREA

# SECTION "R"
## CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK FIGURE 12




## LEGEND

Diamond drill hole (Tudor metavolcanics)

Silicified volcanics or felsite ?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft) (All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

OM85-142 / OM85-253 63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

NORTHEAST AREA

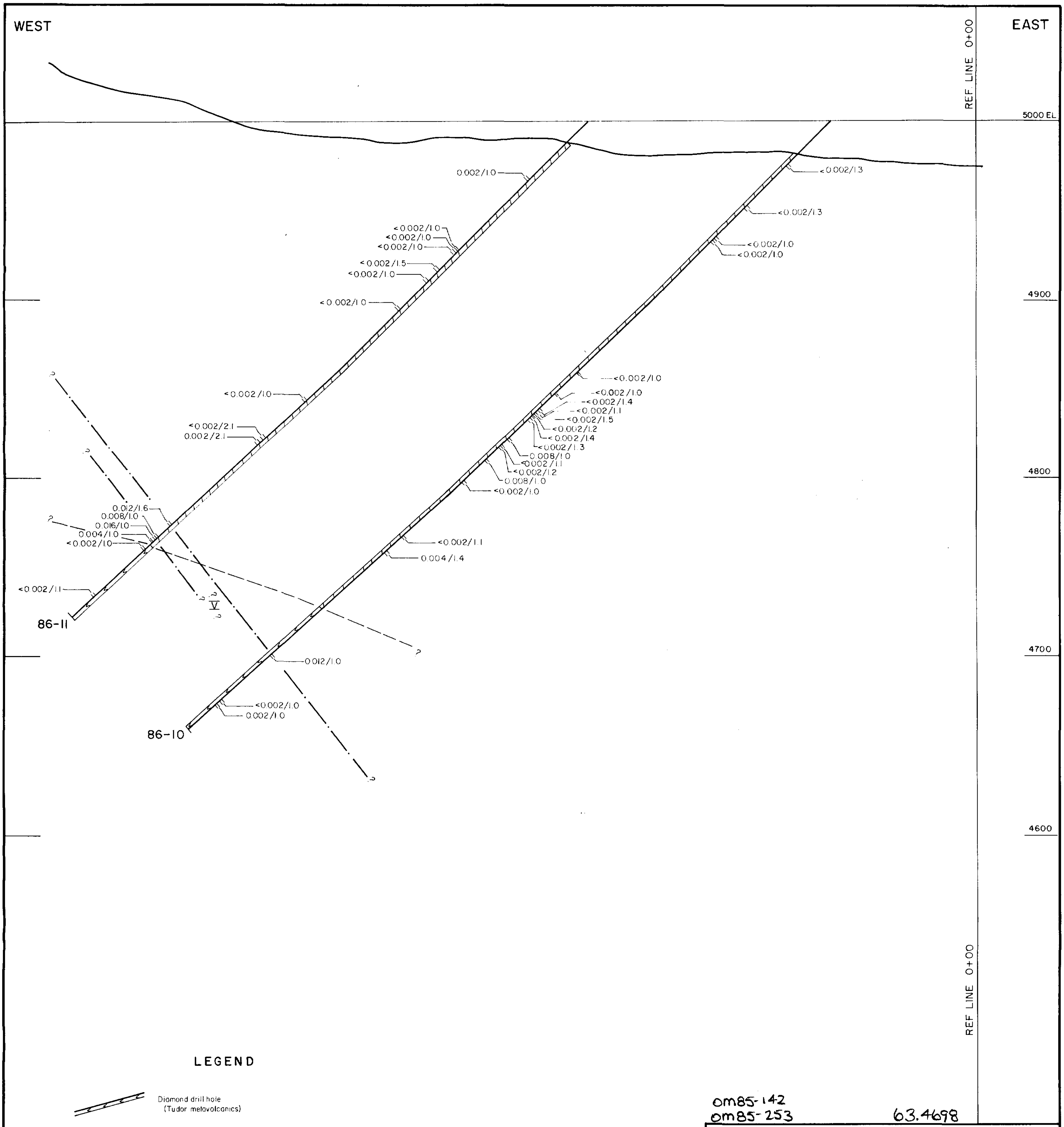
# SECTION "T"

## CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK FIGURE 13




LEGEND

Diamond drill hole
(Tudor metavolcanics)

Silicified volcanics or felsite?

Siliceous argillite, garnet schist, rusty schist metasediments

0.731/1.0 Assay, Au oz/ton, width (ft)
(All assay data uncorrected for exaggerated width etc)

Geological contact

Quartz veining

om85-142
om85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

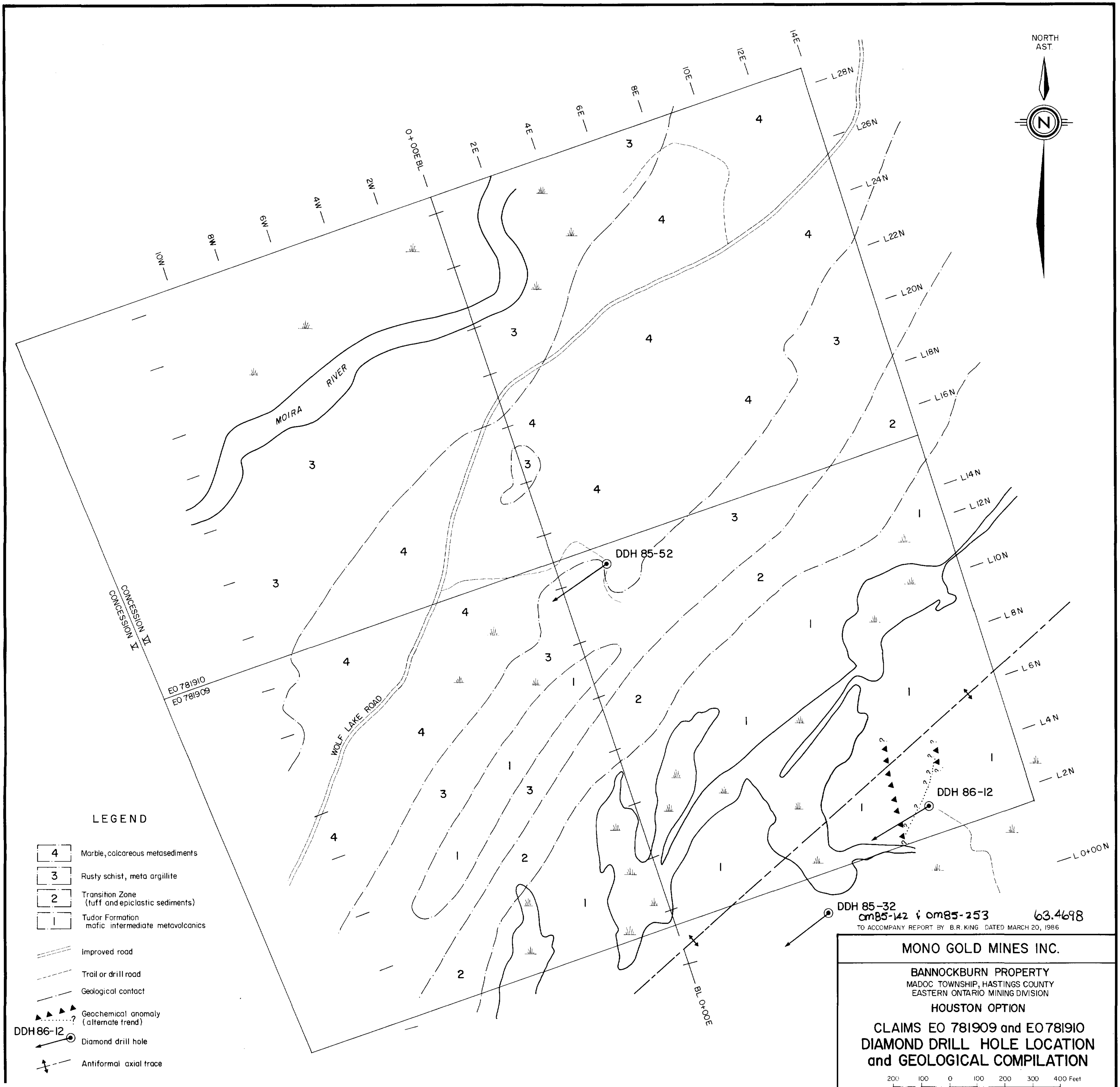
NORTHEAST AREA

SECTION "V"
CROSS SECTION ON 235°

40 20 0 40 80 Feet

MARCH 1986
FIGURE 14

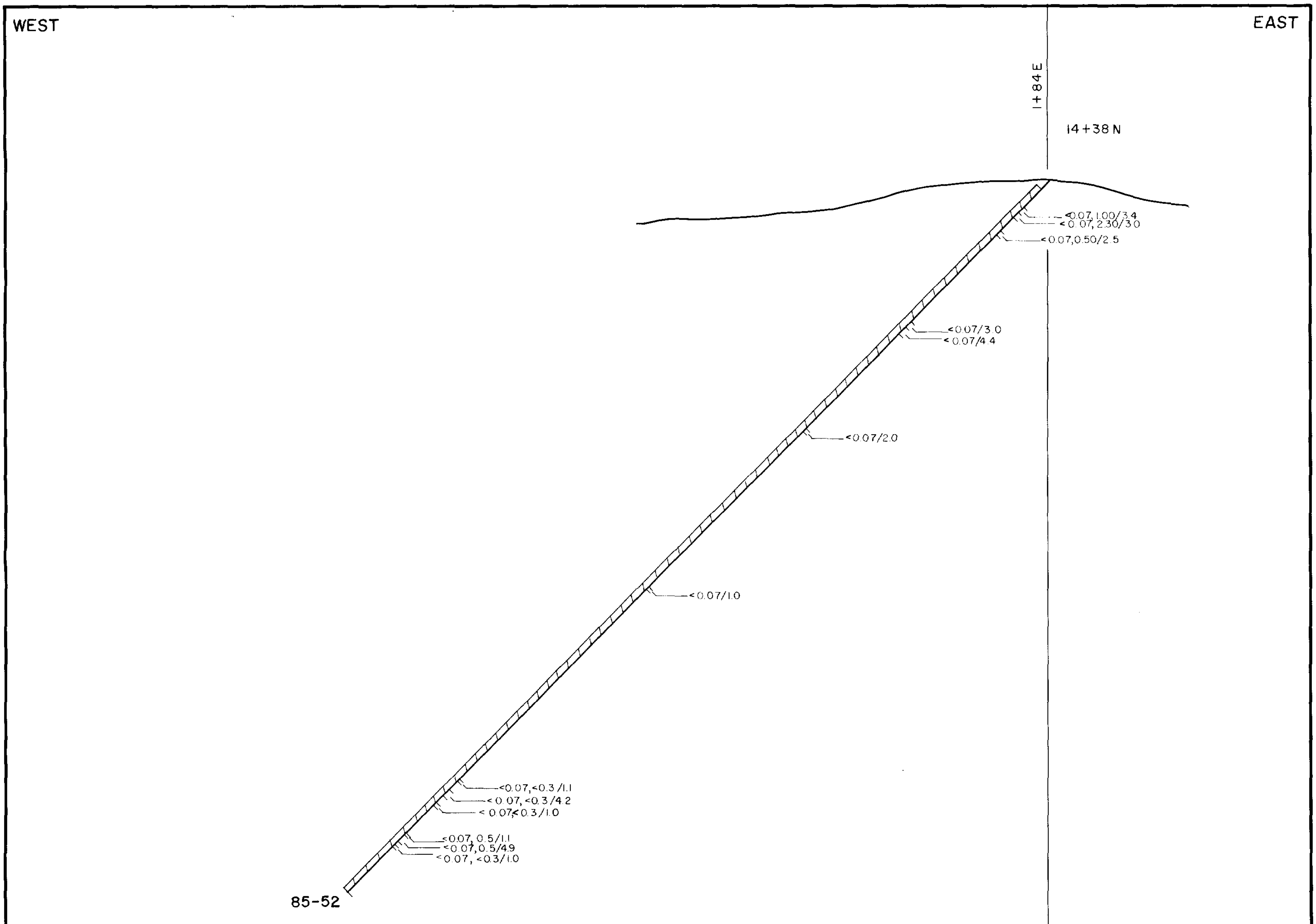
DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK




31C12NE0036 63.4698 MADOC

490

490




LEGEND

0.07,1.00/3.4 — Assay, Au gm/tonne, Ag gm/tonne, width(ft)

Argillaceous, calcareous and quartzitic metasediments

OM85-142
OM85-253

63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION
HOUSTON OPTION
CLAIMS EO 781909 and EO 781910

CROSS SECTION ON 235°
DIAMOND DRILL HOLE 85-52

40 20 0 40 80 Feet

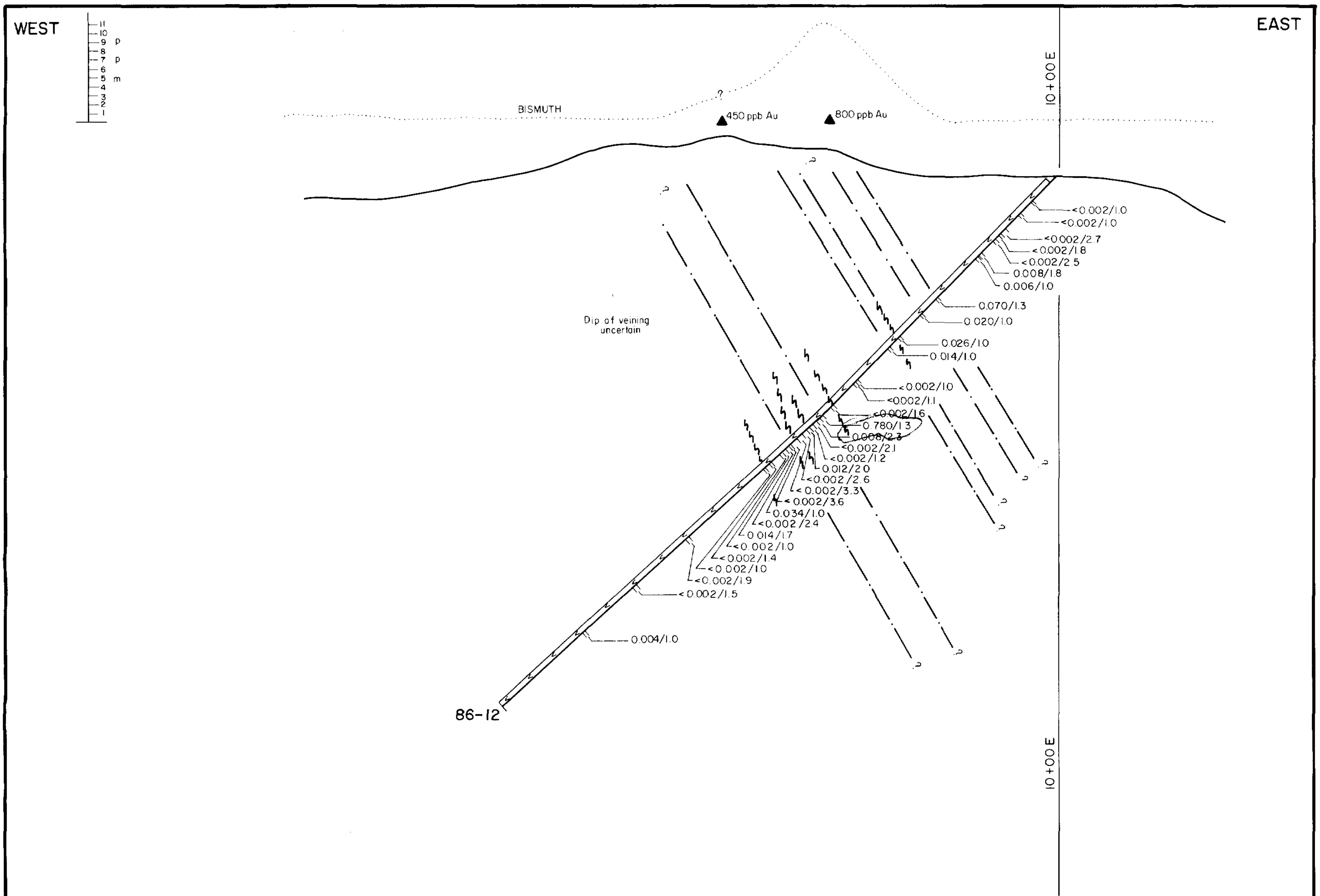
MARCH 1986
FIGURE 4

DRAWN BY : XY3 GRAPHICS DESIGNED BY: BRK

31C12NE0036 63.4698 MADOC

500

500




## LEGEND

0.780/1.3 — Assay, Au oz/ton, width (ft)

Tudor metavolcanic (includes altered and hybrid types)

Shear / breccia zones

Quartz veining (mineralized)

▲ Gold-in-soil geochemical anomaly in ppb.

Geochemical profile of bismuth in soils

OM 85-142
OM 85-253

63.4698

MONO GOLD MINES INC.

**BANNOCKBURN PROPERTY**
MADOC TOWNSHIP, HASTINGS COUNTY
EASTERN ONTARIO MINING DIVISION

HOUSTON OPTION
CLAIMS EO 781909 and EO 781910

**CROSS SECTION ON 239°**
**DIAMOND DRILL HOLE 86-12**

40 20 0 40 80 Feet

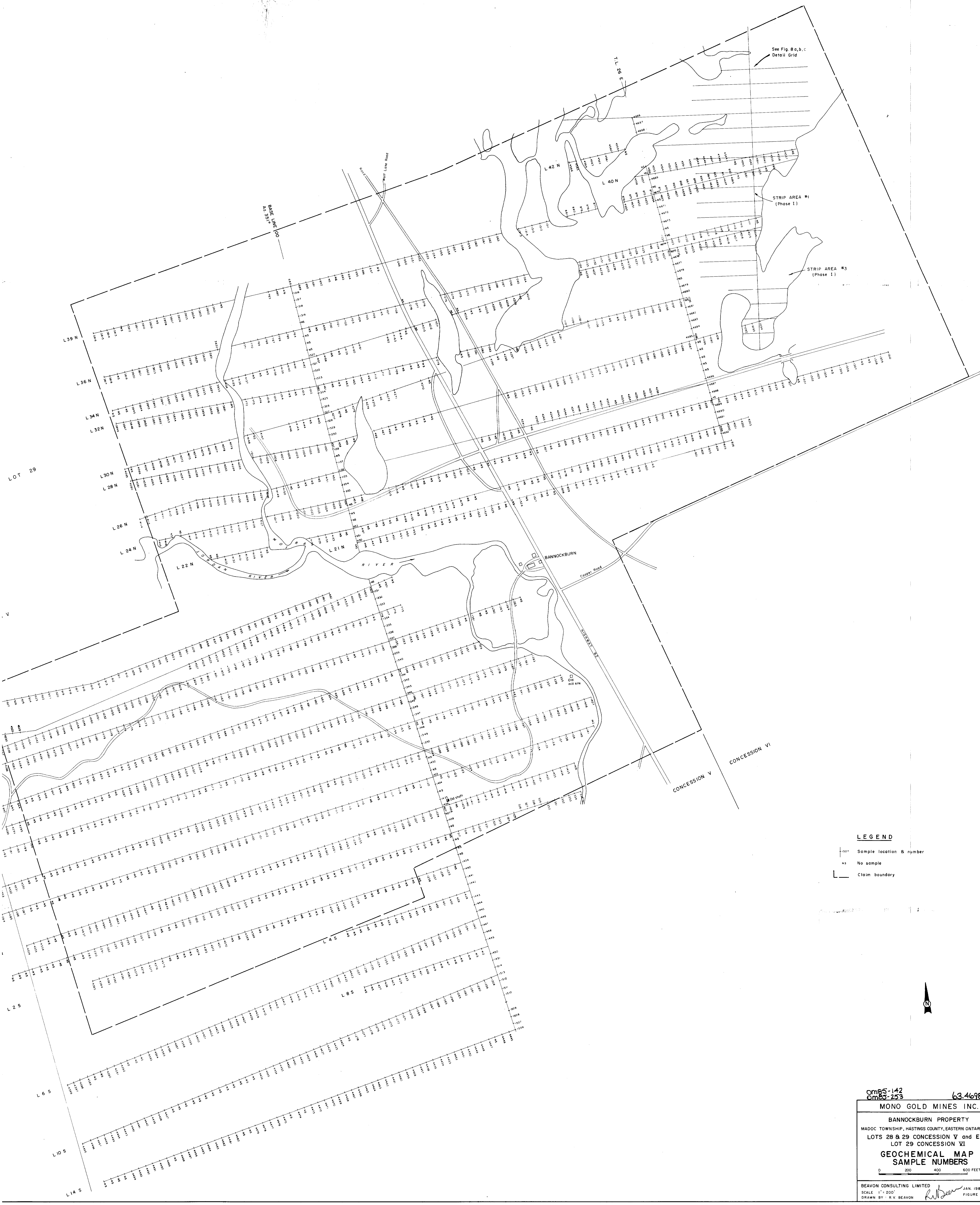
MARCH 1986
FIGURE 5

DRAWN BY: XY3 GRAPHICS DESIGNED BY: BRK



510

510




## LEGEND

1507 Sample location & number
NS No sample
Claim boundary

OM85-142
OM85-253
63.4698

MONO GOLD MINES INC.

BANNOCKBURN PROPERTY

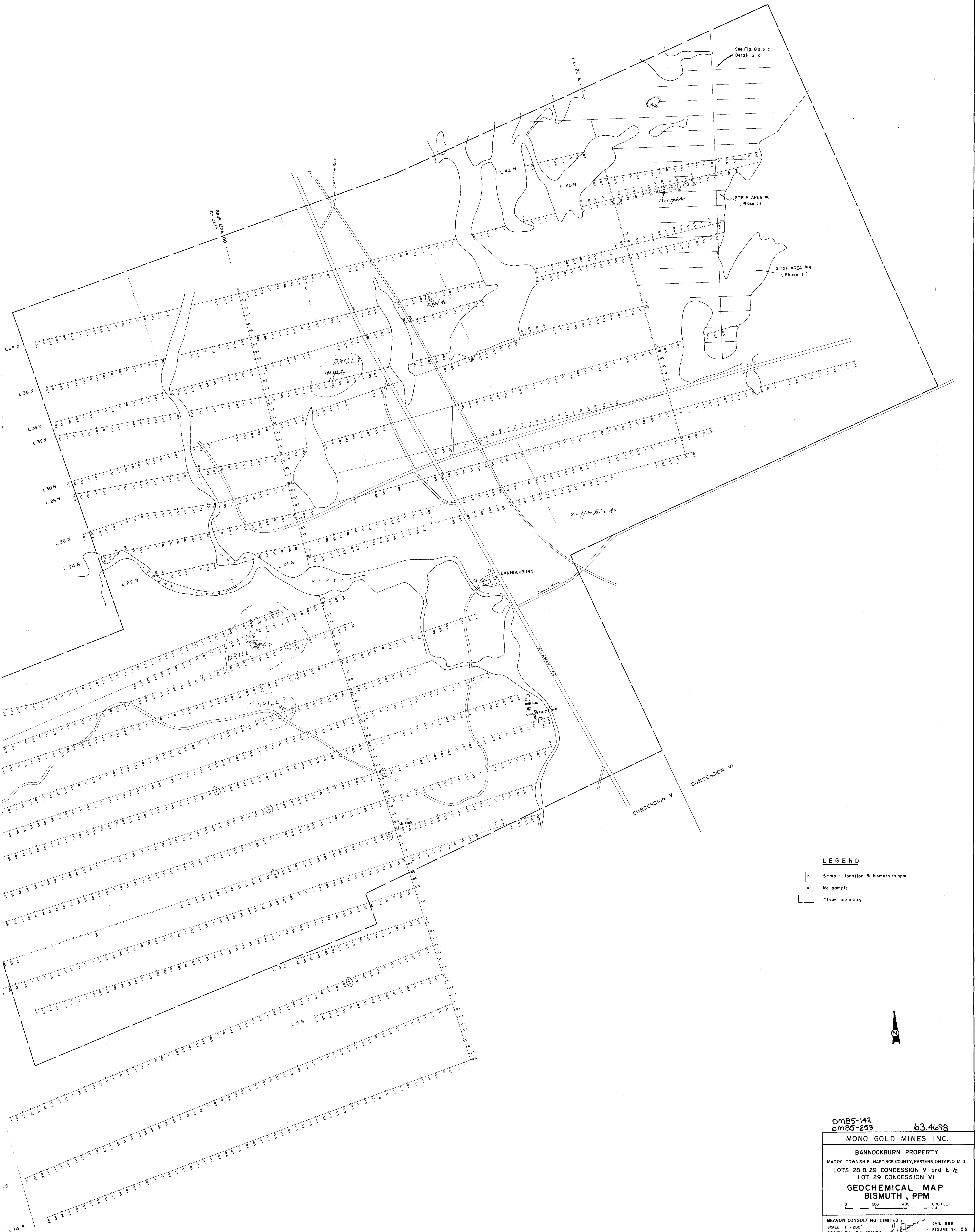
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.

LOTS 28 & 29 CONCESSION V and E 1/2
LOT 29 CONCESSION VI

# GEOCHEMICAL MAP
# SAMPLE NUMBERS

0 200 400 600 FEET

BEAVON CONSULTING LIMITED
SCALE 1" = 200'
DRAWN BY : R.V. BEAVON
JAN. 1986
FIGURE No. 5a


See Fig. 8 a, b, c Detail Grid
T.L. 26 E
BASE LINE 00 AZ 351°
L 42 N
L 40 N
STRIP AREA #1 ( Phase I )
STRIP AREA #3 ( Phase I )
L 39 N
L 36 N
L 34 N
L 32 N
L 30 N
L 28 N
L 26 N
L 24 N
L 22 N
L 21 N
DRILL?
BANNOCKBURN
Copper Road
JORDAN RIVER
HIGHWAY 62
Old mill site
Old Shaft
CONCESSION V
CONCESSION VI
L 4 S
L 8 S
L 14 S
LEGEND
Sample location & bismuth in ppm.
No sample
Claim boundary
om85-142
om85-253
63.4698
MONO GOLD MINES INC.
BANNOCKBURN PROPERTY
MADOC TOWNSHIP, HASTINGS COUNTY, EASTERN ONTARIO M.D.
LOTS 28 & 29 CONCESSION V and E ½
LOT 29 CONCESSION VI
GEOCHEMICAL MAP
BISMUTH , PPM
0 200 400 600 FEET
BEAVON CONSULTING LIMITED
SCALE 1" = 200'
DRAWN BY : R.V. BEAVON
JAN. 1986
FIGURE Nº. 5b