REPORT

ON

GEOLOGICAL MAPPING

BENTON PROPERTIES

SWAYZE PROJECT, ONT.

WEACO RESOURCES LTD.

March 18, 1986
Toronto, Ontario

E. A. Gallo F.G.A.C.
Gallo Exploration Services Inc.

TABLE OF CONTENTS

LIST OF FIGURES

[illegible]

INTRODUCTION

Weaco Resources Ltd. has completed a program of intensive basic exploration on their 5 gold prospects in the Swayze Area of Ontario.

Airborne geophysical surveys, prospecting, linecutting, ground geophysical surveys, geological mapping, stripping, trenching and sampling have been performed.

Several interesting areas of anomalous gold values and anomalous geophysical responses have been identified in favourable geological environments.

This Report discusses only the results of the geological mapping program, and, based upon the favourable geological environments identified, makes recommendations for additional work.

REPORT ON

GEOLOGICAL MAPPING

BENTON PROPERTIES

SWAYZE PROJECT, ONTARIO

WEACO RESOURCES LTD.

LOCATION

The 5 Weaco properties are situated within 3½ miles (5½ kilometers) of one another. Two properties are in the east part of Benton Township, and 3 in the east part of adjoining Mallard Twp.

Benton and Mallard Twps. lie in the Swayze greenstone belt of northeastern Ontario, about 30 miles (50 kilometers) west of Gogama, 70 miles (110 kms) SW of Timmins and 100 miles (160 kms) NW of Sudbury.

ACCESS

The 2 Benton properties can be reached by 4-wheel drive vehicle along a network of [illegible] haulage roads which join with the Sultan-Ramsay Road at a point 10 miles (16 kms) west of the Jerome-Webbwood junction. The haulage roads stop where the Wakami River flows into the Woman River.

FIGURE I

LOCATION SKETCH

SWAYZE PROJECT AREA

WEACO RESOURCES LIMITED

Scale : 1" = Approx. 167 Miles
Date: April 29, 1985

Drawn By: EAG
N.T.S. No. 41-O-9,16

This spot can also be reached by float-equipped aircraft, landing on a straight stretch of the Woman River just below its junction with the Wakami.

From here one travels by canoe up the Woman River for 2 miles ($3\frac{1}{4}$ kms) to the middle of the South Benton property, or down river for 4 miles ($6\frac{1}{2}$) kms) to a spot near the east boundary of the North Benton property. Two short portages are necessary to reach North Benton.

CLAIMS DATA

The 5 Weaco properties are arbitrarily referred to as the North Benton, South Benton, North Mallard, Central Mallard, and South Mallard properties. Together the 5 properties total 243 claims. 149 of the claims lie in Benton Twp., and the remaining 94 lie in Mallard Twp. All of the claims are situated in the Porcupine Mining Division.

The Benton claims are shown on Ontario Ministry of Natural Resources (OMNR) Claim Plan M 659, and the Mallard claims on OMNR Plan M 849.

The North Benton property consists of 42 contiguous mining claims in the extreme northeast corner of Benton Township. The claim numbers and their due dates are:

P 837549 - 78, inclusive	(30)	March 20, 1988
P 837581 - 88, inclusive	(8)	March 22, 1988
P 837593 - 96, inclusive	(4)	March 22, 1988
Total	42 claims	

The South Benton property consists of 107 contiguous mining claims in the east central and southeast portions of Benton Township. The claim numbers and their due dates are:

P 622062 - 87, inclusive	(26)	March 12, 1988
P 837439 - 41, inclusive	(3)	March 12, 1988
P 837489 -548, inclusive	(60)	March 22, 1988
P 837644 - 54, inclusive	(11)	March 22, 1988
P 837909 - 15, inclusive	(7)	March 12, 1988
Total	107 claims	

Linecutting

Ten men were employed intermittently between July 13-September 12, 1985 to cut a total of approximately 93 miles (150 kms) of grid lines. Lines were spaced at 400' (122 m) intervals. Stations were chained and picketed at 100' (30.5 m) intervals.

About 9 miles (15 kms) of lines were cut on the North Benton property. Base Lines were oriented at an Azimuth of 295°.

Two grids were cut on the South Benton property. The north grid consists of about 17 miles (27 kms), and the south grid about 38 miles (61 kms). Base Lines on the north and south grids were oriented at Azimuth 305° and Azimuth 280°, respectively.

A grid of approximately 22 miles (35 kms) was cut on the Central Mallard property. Here the Base Line was oriented at Azimuth 320°.

The entire South Mallard property was linecut. This grid consists of about 6 miles (11 kms), with Base Line oriented at Azimuth 310°.

Geological Mapping

Geological mapping commenced June 10 and was completed September 28, 1985. A crew of up to 7 men were employed.

All grids were mapped in detail. As well, the uncut portions of the 2 Benton properties were prospected and mapped at a reconnaissance level, using pace and compass methods. Air photos were utilized to help locate outcrop areas.

The rock types encountered are listed in the Table of Formations, shown in Table I.

The predominant rock type is andesite. Massive and pillowed flow varieties occur on all 4 properties mapped - North Benton, South Benton, Central Mallard and South Mallard. They are most prevalent on North Benton.

Tuffaceous andesites and amygduloidel andesites also occur on all 4 properties. The former is concentrated on South Benton, and the latter on the 2 Mallard properties where the andesite tends to be somewhat basaltic.

The andesites are light grey-green through to black in colour. Weathered surfaces are somewhat paler or beige.

Amyduloidal varieties have their amygdules filled with chlorite, quartz, or calcite. Often the latter has been leached out, leaving the rock with a pitted surface appearance.

Chloritization, carbonatization, and silicification are widespread in the andesites. Sericitic alteration is also common locally.

Traces of pyrite were found in all varieties of the andesite.

Rhyolite is the next most abundant rock type found. It occurs widely throughout the South Benton property, and in the NE part of North Benton. Small interbedded lenses were also observed on the 2 Mallard properties.

The rhyolites are generally tuffaceous, and sometimes laminated. Lapilli tuffs are common, often interbedded with massive flows. They are fine to medimum grained, and occasionally aphanitic. Colour varies from light grey to brownish-grey or greenish, and on weathered surface is light grey, beige, pinkish-grey or creamy white.

Sericitic alteration is common, as is carbonatization, but to a lesser degree. [illegible] are schistose, and also locally they display a rusty-weathering surface. Traces of pyrite are fairly common.

A rhyolite tuff that displays quartz-eye lapillis is often found interbedded with the cherty and banded iron formation metasediments on the 2 Benton properties.

TABLE I

TABLE OF FORMATIONS

PHANEROZOIC
CENEZOIC
QUATERNARY
PLEISTOCENE AND RECENT
Fluvial, lacustrine, and swamp deposits; sand, silt and clay

——— Unconformity ———

PRECAMBRIAN
PROTEROZOIC
MAFIC INTRUSIVE ROCKS
Diabase dikes

——— Intrusive Contact ———

ARCHEAN
INTERMEDIATE INTRUSIVES
Diorites

FELSIC INTRUSIVE
Granitic rocks and Porphyritic rocks.

——— Intrusive Contact ———

SUBVOLCANIC INTRUSIVES
Diorites, gabbros, and peridotites

——— Intrusive Contact ———

METASEDIMENTS
EPICLASTIC METASEDIMENTS
Volcanogenic polymictic metaconglomerate
CHEMICAL METASEDIMENTS
Chert, iron formation

METAVOLCANICS
FELSIC METAVOLCANICS
Flows, tuffs, lapilli tuffs, and pyroclastics
MAFIC METAVOLCANICS
Flows, tuffs

Pyroclastic rhyolites were observed in the NE part of North Benton, and in the north half of South Benton.

Cherts and iron formations were found in the NE part of North Benton, and the southern part of South Benton. A minor unit was also noted in the NW part of South Benton. These units are commonly laminated, and frequently heavily gossaned. Disseminations of fine pyrite can usually be seen throughout much of these rocks. Where the pyrite content is greater than 10%, they are classified as iron formation.

The cherts are white, pink, or various shades of grey or dark green in colour. Locally the cherts are fractured, with hematite filling the fractures. The cherts in North Benton locally display quartzitic lamellae.

The North Benton cherty iron formation unit is considered by Siracusa and by Goodwin to be the south limb of the folded Woman River Iron Range. Values of up to 0.44 oz. Au, 73% Pb, 6% Zn, and 1.6% Cu have been obtained along the north limb.

The cherty iron formation in the southern part of South Benton lies stratigraphically above the Woman River Iron Range, and stratigraphically below the cherty iron formation that hosts the million ton Cons. Shunsby Cu-Zn deposit in Cunningham Twp., about 10 miles to the west.

The cherty iron formations on Weaco's Benton properties are broadly analagous to the cherty iron formation that hosts significant gold mineralization in the newly-discovered Casa Berardi area of Quebec.

Metaconglomerate was found only in the north part of North Benton, interbedded with cherty iron formation, andesites and rhyolites. The metaconglomerate consists of millimeter- to cobble-sized chasts of rhyolite, greywacke, chloritic material, chert, and granitoid. Clasts are both rounded and stretched. The matrix is generally chloritoid, with up to 5% specular hematite and 1% garnet crystals. Many clasts are brecciated and may [illegible] arsenopyrite. Locally this unit is carbonatized and/or sheared.

Peridotite was located only at the SW end of the Central Mallard property. It is pyroxene-rich, fine grained, granular, chloritized, and very dark grey in colour.

Gabbro was also found in the SW part of Central Mallard. It is fine grained to very fine grained, with a homogeneous, granular texture. The rock is generally dark greenish-grey in colour, and weathers to a medium greenish-grey or greenish-beige colour. Traces of pyrite were locally noted, and the unit is locally magnetic.

Diorites are widespread on all the Weaco properties, as small intrusive bodies. The diorites are massive, fine grained to medium grained, and dark grey or dark green in colour. They weather to a spotty greenish-grey or greyish-white colour. The diorites may be granular or porphyritic. Some fine grained varieties closely resemble the gabbro.

Granitic intrusives were found on North Benton, Central Mallard, and South Mallard. They are fine grained to coarse grained, equigranular, and locally display a tendency to being porphyritic. A moderate foliation may be present in the fine grained types. This unit is light grey in colour, weathering to a pale pink.

Granodiorites are also found as small intrusive bodies, on the North Benton, Central Mallard and South Mallard grids. They are similar in appearance to the diorites, but have a higher feldspar content, and are usually coarser grained.

The felsic porphyry intrusives are of 2 types - feldspar porphyry, and quartz-feldspar porphyry. They were found on the Central and South Mallard properties, generally in close association with granitic rocks. Euhedral white feldspar phenocrysts, usually up to ¼" (0.6 cm) in length, typifies this unit. When quartz phenocrysts are present, their content is quite variable. These rocks are generally carbonatized and locally sericitized or chloritized, and sheared. Up to 5% pyrite and traces of arsenopyrite may be present locally. A unique variety of this unit occurs on Central Mallard, where the feldspar phenocrysts are up to 8" long.

Younger diroitic intrusives were noted in South Benton. It is massive, fine grained to medium grained, and locally spotty.

Diabase was found on the North and South Benton, and the Central Mallard properties. The diabase is massive, fine grained to medium grained, and dark greyish-green to black in colour. The weathered surface is a rusty grey colour. The texture is typically diabasic. The diabase is magnetic, with traces of pyrite locally present.

SUMMARY

A considerable amount of reconnaissance and detailed exploration work has been completed by Weaco on their 5 properties in the Swayze area. 150 linemiles of airborne VLF EM and Magnetometer surveys were flown over the 2 Benton properties. Reconnaissance geological mapping and prospecting were performed on approximately 80 claims covering 3,200 acres on the South and North Benton properties. 5 grids consisting of 93 linemiles (150 linekilometers) were cut. Detailed geological mapping, Max Min II HLEM surveys on 3 frequencies (444, 1777, and 3555 Hz), and Proton Magnetometer surveys were completed on all 5 grids. Three areas totalling almost 10,000 square feet were stripped and trenched, 2 on the North Benton property, and the other on South Mallard.

The airborne geophysical surveys located several conductive zones and anomalous magnetic features, of which the 2 most prominent are directly related to cherty iron formation units.

The geologic mapping has identified an east-west trending distal sequence of felsic and mafic metavolcanics, with two interbedded exhalite units, marked by the presence of cherty iron formations. This sequence dips more or less vertically, and tops to the south. The lower cherty iron formation unit appears to be the south limb of the folded Woman River Iron Range. Significant values of Au, Zn, Pb, and Cu are known to occur in the north limb.

A similar cherty iron formation unit, but at a higher stratigraphic level, hosts a significant deposit of Cu-Zn in Cunningham Twp., about 10 miles (16 kms) to the west.

Several small bodies of quartz-feldspar porphyry, granite, granodiorite, diorite, and gabbro intrude this volcanic assemblage.

Numerous shear zones and quartz veins were located, some of which carry anomalous quantities of gold.

Sericitic and siliceous alteration zones were identified. Areas of fuchsite and occurrences of arsenopyrite and tourmaline were also identified.

Almost 400 rock samples were collected, of which over 300 were submitted for geochemical analysis. Several areas of geochemically anomalous gold values were identified. Some are hosted by cherty iron formation, others by felsic and mafic tuffs.

CONCLUSIONS

Numerous small shear zones and quartz veins cut the assemblage of felsic and mafic metavolcanic rocks found on the Weaco properties. These features are probably related to the many small intrusive bodies of granite, quartz-feldspar porphyry, diorite, etc. that are present. Chemically anomalous values in gold were obtained from some of these shear zones and quartz veins. This is certainly significant because shear zones and quartz veins have long been recognized as traditional hosts for structurally-controlled lode gold deposits. The Porcupine, Kirkland Lake, and Val d'Or gold camps are good examples of this type of occurrence.

However, what may be even more significant are the chemically anomalous gold values obtained from altered felsic tuffs and cherty iron formations. Only recently has the importance of these lithologic units as potential hosts for primary gold deposits been recognized in the Archean in Canada. Many geologists consider the gold mineralization at Hemlo to be primary. This mineralization is hosted by altered felsic tuffs. Similar altered felsic tuffs occur on Weaco's Benton Properties.

The majority of conductors located by the Max Min EM survey are on the South Benton property. Many of the conductors are long, and display good conductivity. They appear to be formational. These are generally not the type of conductor that one normally associates with gold mineralization. Some of the conductors are weak responses, and these are of interest because they can be indicative of shear zones and/or sparse sulphide mineralization, either of which can be a characteristic of gold mineralization. Accordingly, a selection of conductive zones has been made for additional work as Phase III of the exploration program. Geological and geochemical data were also utilized in making this selection.

RECOMMENDATIONS

Chemically anomalous values in gold, and anomalous geophysical responses have been identified in 2 favourable geologic environments on Weaco's Swayze area properties. Additional work is definitely warranted to further evaluate the significance of these anomalous situations. Accordingly, a Phase III of the exploration program is recommended.

Phase III work should consist oxclusively of diamond drilling to explain the more interesting of the anomalous technical results. Four target areas have been selected on the 2 Benton properties.

The recommended drill program totals approximately 1,500'. Drilling could start at any convenient time, and would take approximately 2 months to complete. Estimated cost of the program is $60,000.

GEOLOGICAL ASSOCIATION OF CANADA
E. A. GALLO
FELLOW

March 18, 1986
Toronto, Ontario

E. A. Gallo, F.G.A.C.

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

#10

W86 06-102

The Min

41009NW0054 2.9130 BENTON

900

Type of Survey(s)	Township or Area
Geological	Benton Twp.

Claim Holder(s)	Prospector's Licence No.
Weaco Resources Limited	T-1846

Address
Suite 805, 475 Howe Street Vancouver, B.C. V6C 2B3

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Gallo Exploration Services Inc.	10 06 85 (Day Mo. Yr.) - 30 01 86 (Day Mo. Yr.)	Approx. 3

Name and Address of Author (of Geo-Technical report)
E. A. Gallo 148 Allanhurst Drive, Islington, Ontario M9A 4K7

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
896	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	20.8
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED APR 14 1986 MINING LANDS SECTION

RECORDED MAR 25 1986

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

RECEIVED MAR 25 1986 ... MINING DIVISION

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$	÷	15	=	

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
March 18/86	[signature]

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
P	837492		P	837530	
	837493			837531	
	837497			837532	
	837498			837539	
	837502			837540	
	837503			837541	
	837504			837542	
	837509			837543	
	837510			837544	
	837511			837545	
	837512			837546	
	837513			837547	
	837514			837548	
	837515			837648	
	837516			837649	
	837517			837650	
	837520			837651	
	837521			837652	
	837522			837653	
	837523			837654	
	837524				
	837525				
	837526				

Total number of mining claims covered by this report of work. **43**

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
894.4	March 25/86	[signature]
	Date Approved as Recorded: 86.6.25	Branch Director: [signature]

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying
E. A. Gallo 148 Allanhurst Drive Islington, Ontario M9A 4K7

Date Certified	Certified by (Signature)
March 18/86	[signature]

1362 (81/9)

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey: Geological

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
128	X	7	=	896	+		=	896	÷	43	=	20.8

Type of Survey

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Type of Survey

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Type of Survey

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

The Mining Act

#103/86
2.9130
W8606-103

may 14

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s)	Geological
Township or Area	Benton Twp.
Claim Holder(s)	Weaco Resources Limited
Prospector's Licence No.	T-1846
Address	Suite 805, 475 Howe Street, Vancouver, B.C. V6C 2B3
Survey Company	Gallo Exploration Services Inc.
Date of Survey (from & to)	10 06 85 (Day Mo. Yr.) – 30 01 86 (Day Mo. Yr.)
Total Miles of line Cut	38
Name and Address of Author (of Geo-Technical report)	E. A. Gallo, 148 Allanhurst Drive Islington, Ontario M9A 4K7

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
For each additional survey: using the same grid: Enter 20 days (for each)	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	40
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
March 18/86	E.A. Gallo

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
See	Attached List	
P		

RECEIVED
APR 14 1986
MINING LANDS SECTION

RECORDED
MAR 25 1986

PORCUPINE MINING DIVISION
RECEIVED
MAR 25 1986

Total number of mining claims covered by this report of work. 64

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
2,560	March 25/86	Hanley
	Date Approved as Recorded 86.6.25	Branch Director

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying
E. A. Gallo 148 Allanhurst Drive Islington, Ontario M9A 4K7

Date Certified	Certified by (Signature)
March 18/86	E.A. Gallo

1362 (81/9)

WEACO RESOURCES LTD.

List of Claims for which 2560 days of Geological Assessment credits are applied for under special provision

Claim No.	Days Credit
P 622062	40
P 622063	40
P 622064	40
P 622065	40
P 622066	40
P 622067	40
P 622068	40
P 622069	40
P 622070	40
P 622071	40
P 622072	40
P 622073	40
P 622074	40
P 622075	40
P 622076	40
P 622077	40
P 622078	40
P 622079	40
P 622080	40
P 622081	40
P 622082	40
P 622083	40
P 622084	40
P 622085	40
P 622086	40
P 622087	40
P 837439	40
P 837440	40
P 837441	40
P 837489	40
P 837490	40
P 837491	40
P 837494	40
P 837495	40
P 837496	40
P 837499	40
P 837500	40
P 837501	40

Claim No.	Days Credit
P 837505	40
P 837506	40
P 837507	40
P 837508	40
P 837518	40
P 837519	40
P 837527	40
P 837528	40
P 837529	40
P 837533	40
P 837534	40
P 837535	40
P 837536	40
P 837537	40
P 837538	40
P 837644	40
P 837645	40
P 837646	40
P 837647	40
P 837909	40
P 837910	40
P 837911	40
P 837912	40
P 837913	40
P 837914	40
P 837915	40

Total No. of Claims 64

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File ______

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological

Township or Area Benton Twp

Claim Holder(s) Weaco Resources Ltd., Suite 805, 475 Howe St., Vancouver, B.C. V6C 2B3

Survey Company Gallo Exploration Services Inc.

Author of Report E. A. Gallo, 148 Allanhurst Drive

Address of Author Islington, Ontario M9A 4K7

Covering Dates of Survey June 10/ 85 - Jan. 30/86
(linecutting to office)

Total Miles of Line Cut 3

MAN DAYS
~~SPECIAL PROVISIONS~~
CREDITS REQUESTED

~~ENTER 40 days (includes line cutting) for first survey.~~

~~ENTER 20 days for each additional survey using same grid.~~

	DAYS per claim
Geophysical	
—Electromagnetic	
—Magnetometer	
—Radiometric	
—Other	
Geological	20.8
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer ____ Electromagnetic ____ Radiometric ____
(enter days per claim)

DATE: March 18/86 SIGNATURE: ______
Author of Report or Agent

Res. Geol. ______ Qualifications 63.2224

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

See Attached List
(prefix) (number)

If space insufficient, attach list

RECEIVED
MAY 23 1986
MINING LANDS SECTION

TOTAL CLAIMS 43

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations ______ Number of Readings ______

Station interval ______ Line spacing ______

Profile scale ______

Contour interval ______

MAGNETIC

Instrument ______

Accuracy – Scale constant ______

Diurnal correction method ______

Base Station check-in interval (hours) ______

Base Station location and value ______

ELECTROMAGNETIC

Instrument ______

Coil configuration ______

Coil separation ______

Accuracy ______

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency ______ (specify V.L.F. station)

Parameters measured ______

GRAVITY

Instrument ______

Scale constant ______

Corrections made ______

Base station value and location ______

Elevation accuracy ______

INDUCED POLARIZATION
RESISTIVITY

Instrument ______

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time ______ Frequency ______

– Off time ______ Range ______

– Delay time ______

– Integration time ______

Power ______

Electrode array ______

Electrode spacing ______

Type of electrode ______

WEACO RESOURCES LTD.

List of Claims for which 896 man days of Geological Assessment Credits are applied for

Claim No.	Days Credit
P 837492	20.8
P 837493	20.8
P 837497	20.8
P 837498	20.8
P 837502	20.8
P 837503	20.8
P 837504	20.8
P 837509	20.8
P 837510	20.8
P 837511	20.8
P 837512	20.8
P 837513	20.8
P 837514	20.8
P 837515	20.8
P 837516	20.8
P 837517	20.8
P 837520	20.8
P 837521	20.8
P 837522	20.8
P 837523	20.8
P 837524	20.8
P 837525	20.8
P 837526	20.8
P 837530	20.8
P 837531	20.8
P 837532	20.8

Claim No.	Days Credit
P 837539	20.8
P 837540	20.8
P 837541	20.8
P 837542	20.8
P 837543	20.8
P 837544	20.8
P 837545	20.8
P 837546	20.8
P 837547	20.8
P 837648	20.8
P 837649	20.8
P 837650	20.8
P 837651	20.8
P 837652	20.8
P 837653	20.8
P 837654	20.8

Total No. of Claims 43

Total Days Credits 896

SELF POTENTIAL

Instrument __________ Range __________

Survey Method __________

Corrections made __________

RADIOMETRIC

Instrument __________

Values measured __________

Energy windows (levels) __________

Height of instrument __________ Background Count __________

Size of detector __________

Overburden __________
(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey __________

Instrument __________

Accuracy __________

Parameters measured __________

Additional information (for understanding results) __________

AIRBORNE SURVEYS

Type of survey(s) __________

Instrument(s) __________
(specify for each type of survey)

Accuracy __________
(specify for each type of survey)

Aircraft used __________

Sensor altitude __________

Navigation and flight path recovery method __________

Aircraft altitude __________ Line Spacing __________

Miles flown over total area __________ Over claims only __________

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken ____________________

Total Number of Samples ____________________

Type of Sample ____________________
(Nature of Material)

Average Sample Weight ____________________

Method of Collection ____________________

Soil Horizon Sampled ____________________

Horizon Development ____________________

Sample Depth ____________________

Terrain ____________________

Drainage Development ____________________

Estimated Range of Overburden Thickness ____________________

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis ____________________

General ____________________

ANALYTICAL METHODS

Values expressed in:
- per cent ☐
- p. p. m. ☐
- p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others ____________________

Field Analysis (____________________ tests)

Extraction Method ____________________

Analytical Method ____________________

Reagents Used ____________________

Field Laboratory Analysis

No. (____________________ tests)

Extraction Method ____________________

Analytical Method ____________________

Reagents Used ____________________

Commercial Laboratory (____________________ tests)

Name of Laboratory ____________________

Extraction Method ____________________

Analytical Method ____________________

Reagents Used ____________________

General ____________________

File

Ontario

Ministry of Natural Resources

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological

Township or Area Benton Twp.

Claim Holder(s) Weaco Resources Ltd. Suite 805, 475 Howe St., Vancouver, B.C. V6C 2B3

Survey Company Gallo Exploration Services Inc.

Author of Report E. A. Gallo, 148 Allanhurst Drive

Address of Author Islington, Ontario M9A 4K7

Covering Dates of Survey June 10/85 - Jan. 30/86
(linecutting to office)

Total Miles of Line Cut 38

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	40
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer ______ Electromagnetic ______ Radiometric ______
(enter days per claim)

DATE: March 18/86 SIGNATURE: [signature]
Author of Report or Agent

Res. Geol. ______ Qualifications 63.2224

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

See Attached List
(prefix) (number)

If space insufficient, attach list

RECEIVED
MAY 2 9 1986
MINING LANDS SECTION

TOTAL CLAIMS 64

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations ____________ Number of Readings ____________

Station interval ____________ Line spacing ____________

Profile scale ____________

Contour interval ____________

MAGNETIC

Instrument ____________

Accuracy – Scale constant ____________

Diurnal correction method ____________

Base Station check-in interval (hours) ____________

Base Station location and value ____________

ELECTROMAGNETIC

Instrument ____________

Coil configuration ____________

Coil separation ____________

Accuracy ____________

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency ____________ (specify V.L.F. station)

Parameters measured ____________

GRAVITY

Instrument ____________

Scale constant ____________

Corrections made ____________

Base station value and location ____________

Elevation accuracy ____________

INDUCED POLARIZATION RESISTIVITY

Instrument ____________

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time ____________ Frequency ____________

– Off time ____________ Range ____________

– Delay time ____________

– Integration time ____________

Power ____________

Electrode array ____________

Electrode spacing ____________

Type of electrode ____________

WEACO RESOURCES LTD.

List of Claims for which 2560 days of Geological Assessment credits are applied for under special provision

Claim No.	Days Credit
P 622062	40
P 622063	40
P 622064	40
P 622065	40
P 622066	40
P 622067	40
P 622068	40
P 622069	40
P 622070	40
P 622071	40
P 622072	40
P 622073	40
P 622074	40
P 622075	40
P 622076	40
P 622077	40
P 622078	40
P 622079	40
P 622080	40
P 622081	40
P 622082	40
P 622083	40
P 622084	40
P 622085	40
P 622086	40
P 622087	40
P 837439	40
P 837440	40
P 837441	40
P 837489	40
P 837490	40
P 837491	40
P 837494	40
P 837495	40
P 837496	40
P 837499	40
P 837500	40
P 837501	40
P 837505	40
P 837506	40
P 837507	40
P 837508	40
P 837518	40
P 837519	40
P 837527	40
P 837528	40
P 837529	40
P 837533	40
P 837534	40
P 837535	40
P 837536	40
P 837537	40
P 837538	40
P 837644	40
P 837645	40
P 837646	40
P 837647	40
P 837909	40
P 837910	40
P 837911	40
P 837912	40
P 837913	40
P 837914	40
P 837915	40

Total No. of Claims 64

SELF POTENTIAL

Instrument ______ Range ______

Survey Method ______

______

Corrections made ______

______

RADIOMETRIC

Instrument ______

Values measured ______

Energy windows (levels) ______

Height of instrument ______ Background Count ______

Size of detector ______

Overburden ______

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey ______

Instrument ______

Accuracy ______

Parameters measured ______

______

Additional information (for understanding results) ______

______

______

AIRBORNE SURVEYS

Type of survey(s) ______

Instrument(s) ______

(specify for each type of survey)

Accuracy ______

(specify for each type of survey)

Aircraft used ______

Sensor altitude ______

Navigation and flight path recovery method ______

______

Aircraft altitude ______ Line Spacing ______

Miles flown over total area ______ Over claims only ______

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken ______

______

______

Total Number of Samples ______

Type of Sample ______
(Nature of Material)

Average Sample Weight ______

Method of Collection ______

______

Soil Horizon Sampled ______

Horizon Development ______

Sample Depth ______

Terrain ______

______

Drainage Development ______

Estimated Range of Overburden Thickness ______

______

______

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis ______

______

______

______

General ______

______

______

______

______

______

______

______

______

______

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☐ p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others ______

Field Analysis (______ tests)

Extraction Method ______

Analytical Method ______

Reagents Used ______

Field Laboratory Analysis

No. (______ tests)

Extraction Method ______

Analytical Method ______

Reagents Used ______

Commercial Laboratory (______ tests)

Name of Laboratory ______

Extraction Method ______

Analytical Method ______

Reagents Used ______

General ______

______

______

______

______

______

______

______

______

______

June 6, 1986 File: 2.9130

Weaco Resources
Suite 805
475 Howe Street
Vancouver, B.C.
V6C 2B3

Dear Sirs:

RE: Geological Survey submitted on
Mining Claims P 622062, et al, 1
in Benton Township

Returned herein are the plans (im duplicate) for the above-mentioned survey. On each copy, please show the nature of the overburden where no outcrops exist, and return the plans to this office, quoting file 2.9130.

For further information, please contact (Mrs.) Susan Hubert at (416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc
cc: E.A. Gallo
148 Allanhurst Drive
Islington, Ontario
M9A 4K7

Mining Recorder
Timmins, Ontario
#102/86, 103/86

Encl.

Mining Lands Section

File No 2.9130

Control Sheet

TYPE OF SURVEY

- ___ GEOPHYSICAL
- ✓ GEOLOGICAL
- ___ GEOCHEMICAL
- ___ EXPENDITURE

MINING LANDS COMMENTS:

J. Hunt

Signature of Assessor

June 24/86

Date

LD gd

WEACO RESOURCES LTD.

List of Claims for which 2560 days of Geological Assessment credits are applied for under special provision

Claim No.	Days Credit	Claim No.	Days Credit
P 622062	40	P 837505	40
P 622063	40	P 837506	40
P 622064	40	P 837507	40
P 622065	40	P 837508	40
P 622066	40	P 837518	40
P 622067	40	P 837519	40
P 622068	40	P 837527	40
P 622069	40	P 837528	40
P 622070	40	P 837529	40
P 622071	40	P 837533	40
P 622072	40	P 837534	40
P 622073	40	P 837535	40
P 622074	40	P 837536	40
P 622075	40	P 837537	40
P 622076	40	P 837538	40
P 622077	40	P 837644	40
P 622078	40	P 837645	40
P 622079	40	P 837646	40
P 622080	40	P 837647	40
P 622081	40	P 837909	40
P 622082	40	P 837910	40
P 622083	40	P 837911	40
P 622084	40	P 837912	40
P 622085	40	P 837913	40
P 622086	40	P 837914	40
P 622087	40	P 837915	40
P 837439	40		
P 837440	40		
P 837441	40		
P 837489	40		
P 837490	40		
P 837491	40		
P 837494	40		
P 837495	40		
P 837496	40		
P 837499	40		
P 837500	40		
P 837501	40		

Total No. of Claims 64

R E F E R E N C E S

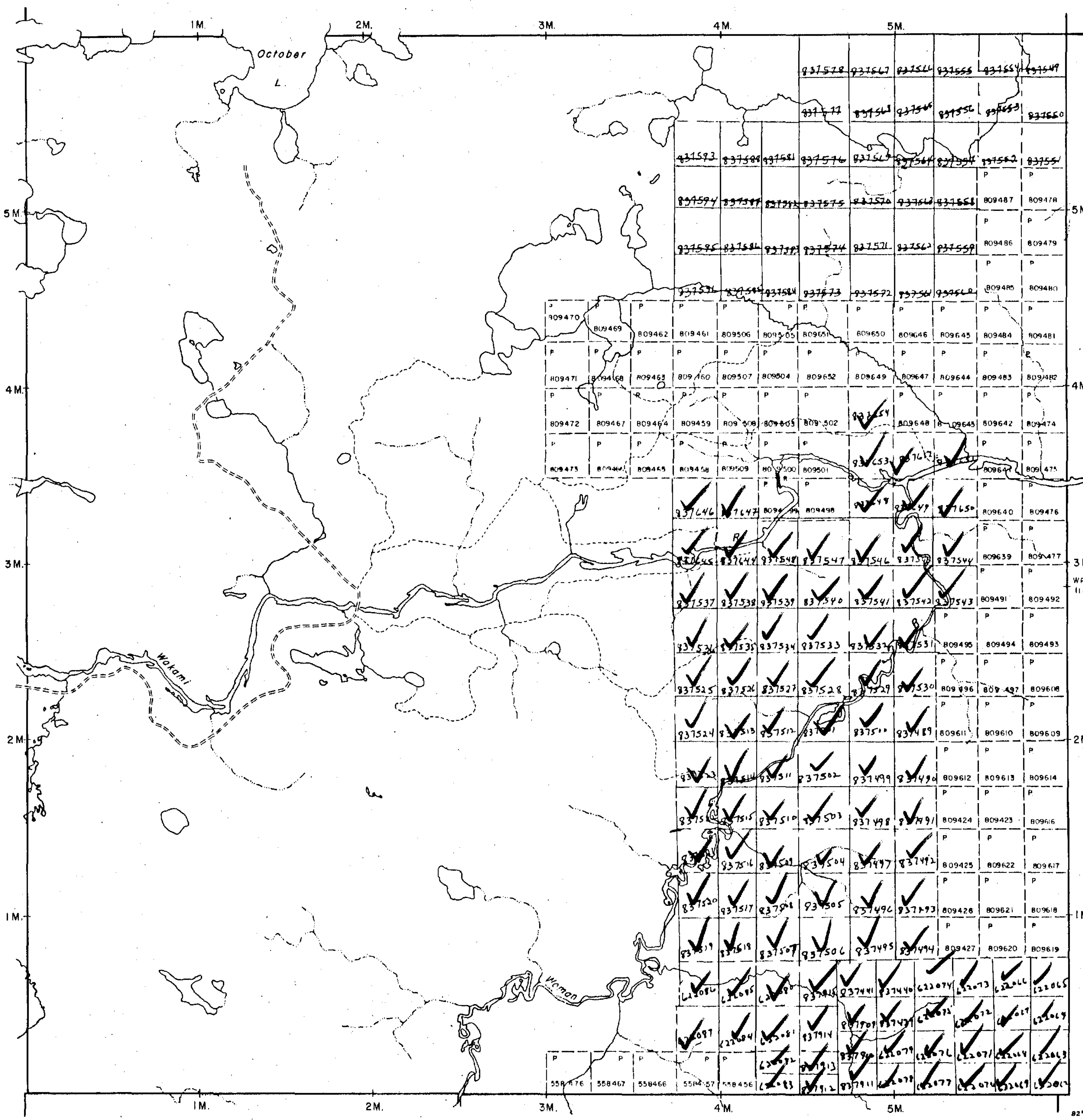
AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File

HEENAN TP.

GARNET TP.



MALLARD TP.

ESTHER TP.

LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

BENTON

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

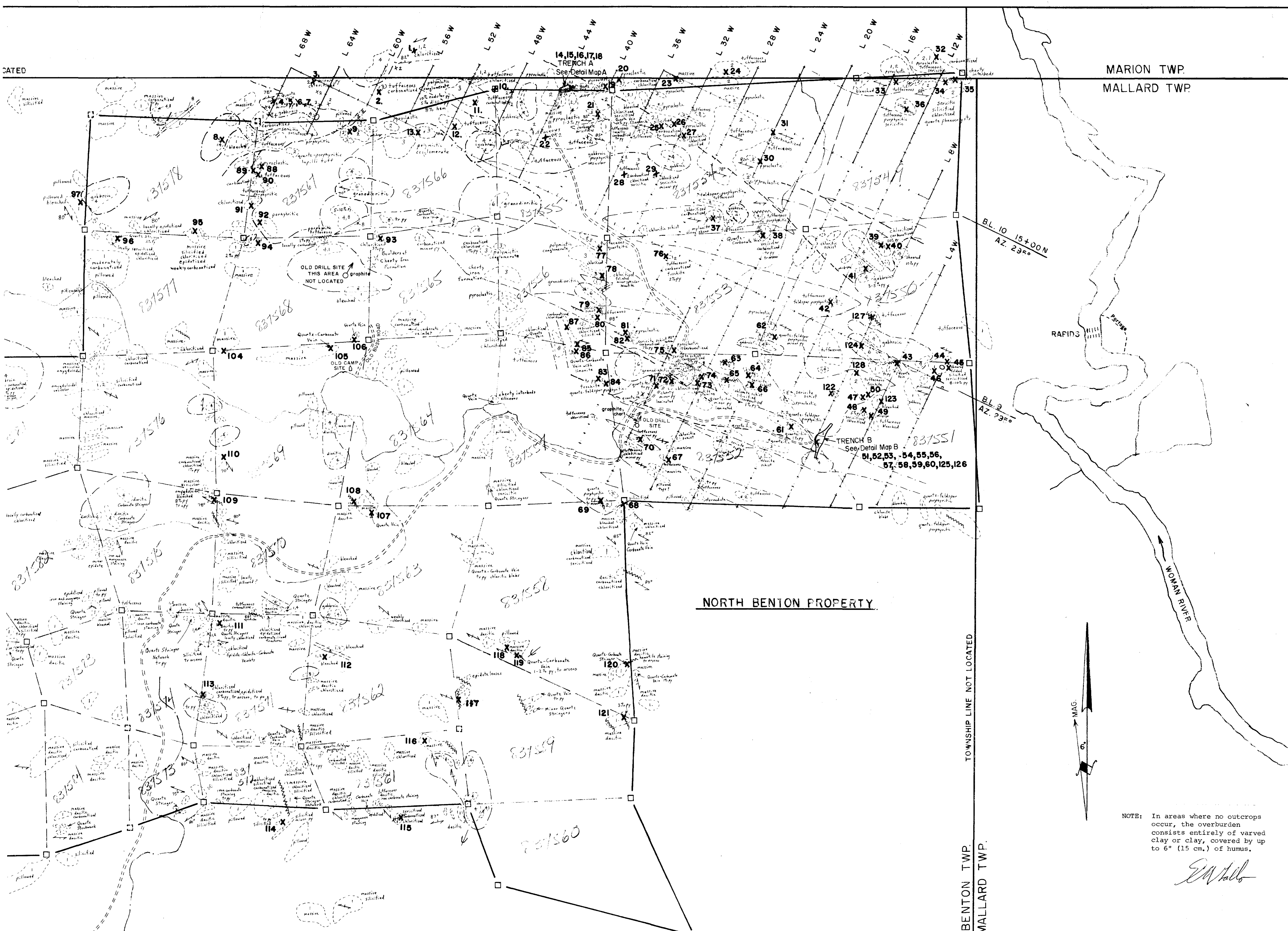
LAND TITLES / REGISTRY DIVISION

SUDBURY

Ministry of Natural Resources
Land Management Branch
Ontario

Date MARCH, 1985

Number G-3233



NOTE: In areas where no outcrops occur, the overburden consists entirely of varved clay or clay, covered by up to 6" (15 cm.) of humus.

LEGEND

8	DIABASE DYKES
7	YOUNGER DIORITIC INTRUSIVES
6	FELSIC INTRUSIVES
5	ULTRAMAFIC INTRUSIVES
4	MAFIC INTRUSIVES
3	METASEDIMENTS
2	FELSIC METAVOLCANICS
1	MAFIC METAVOLCANICS

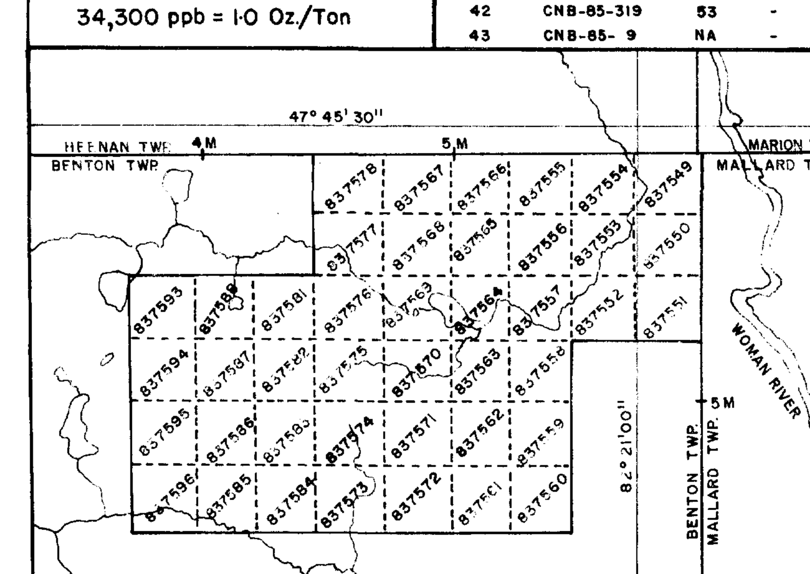
SYMBOLS

- Outcrop
- x Small Outcrop
- ⁑ Boulder
- Fault
- Geological Contact
- Strike and Dip of Schistosity
- Strike, Vertical Dip of Bedding
- Strike and Top of Pillow
- Strike of Glacial Striae
- Muskeg Tractor Road
- Bridge
- x^9 Sample Site and Number
- arseno Arsenopyrite
- cpy Chalcopyrite
- po Pyrrhotite
- py Pyrite
- tr Trace
- NA Not Assayed
- EM Conductor Axis

CONVERSION FACTOR:
34,300 ppb = 1.0 Oz/Ton

RECONNAISSANCE ROCK SAMPLING RESULTS

SITE NO.	SAMPLE NO.	ppb Au	oz. Au/Ton	SITE NO.	SAMPLE NO.	ppb Au	oz. Au/Ton	SITE NO.	SAMPLE NO.	ppb Au	oz. Au/Ton
1	D-85- 28	15	-	44	CNB-85-7A1	<5	-	88	CNB-85- 57	7	-
2	D-85- 27	<5	-	44	CNB-85-7A2	24	-	89	CNB-85- 58	58	-
3	D-85- 22	28	-	45	CNB-85-7B	14	-	90	CNB-85- 59	37	-
4	D-85- 23	14	-	46	CNB-85- 8	14	-	91	CNB-85-116	NA	-
5	D-85- 24	21	-	47	CNB-85-214	107	0·003	92	CNB-85-115	<5	-
6	D-85- 25	14	-	48	CNB-85- 50	<5	-	93	CNB-85- 2	NA	-
7	D-85- 26	37	-	49	CNB-85-213	190	0·006	94	CNB-85- 3	27	-
8	CNB-85-109	31	-	50	CNB-85- 19	NA	-	95	CNB-85- 4	7	-
9	CNB-85-105	7	-	51	CNB-85-303	340	0·010	96	CNB-85- 5	17	-
10	D-85- 30	8	-	52	SS-85-B 7	20	-	97	CNB-85- 6	<5	-
11	CNB-85-107	231	0·006	53	SS-85-B 8	10	-	98	CNB-85-30B	35	-
12	D-85- 29	15	-	54	SS-85-B 9	26	-	99	CNB-85-30A	<5	-
13	CNB-85-103	48	-	55	SS-85-B 10	44	-	100	CNB-85-31	55	-
14	CNB-85- 33	NA	-	56	SS-85-B 11	56	-	101	CNB-85-41	<5	-
15	SS-85-B 1	538	0·016	57	SS-85-B 12	52	-	102	CNB-85-40A	85	-
15	SS-85-B 2	317	0·009	58	SS-85-B 13	21	-	102	CNB-85-40B	55	-
15	SS-85-B 3	125	0·004	59	SS-85-B 14	44	-	102	CNB-85-40C	39	-
16	SS-85-B 4	234	0·007	60	SS-85-B 15	50	-	102	CNB-85-40D	67	-
17	SS-85-B 5	79	-	61	CNB-85-318	41	-	102	CNB-85-40E	118	0·003
18	D-85- 33	227	0·007	62	CNB-85-317	27	-	103	CNB-85-42	<5	-
19	CNB-85-108	128	0·004	63	CNB-85- 23A	125	0·004	104	CNB-85-32	15	-
20	D-85-34	28	-	64	CNB-85-114	43	-	105	CNB-85-29	25	-
21	D-85-35	26	-	65	CNB-85- 23B	27	-	106	CNB-85-28	20	-
22	D-85-32	13	-	66	CNB-85-122	<5	-	107	CNB-85-11	6	-
23	D-85-37	8	-	67	CNB-85-316	36	-	108	CNB-85-12	<5	-
24	D-85-38	<5	-	68	CNB-85-101	<5	-	109	CNB-85-102	20	-
25	CNB-85-106	10	-	69	CNB-85- 10	10	-	110	CNB-85- 17	17	-
26	CNB-85-104	62	-	70	CNB-85-312	21	-	111	CNB-85-20	42	-
27	D-85- 39	380	0·011	71	CNB-85-313	17	-	112	CNB-85-22	NA	-
28	D-85-36	10	-	72	CNB-85- 25	4	-	113	CNB-85-21	38	-
29	D-85-40	10	-	73	CNB-85-113	11	-	114	CNB-85-62	30	-
30	CNB-85-322	<5	-	74	CNB-85- 24	13	-	115	CNB-85- 16	19	-
31	CNB-85-321	10	-	75	CNB-85-314	14	-	116	CNB-85- 18	24	-
32	CNB-85-111	<5	-	76	CNB-85-308	<5	-	117	CNB-85- 15	<5	-
33	CNB-85-112	<5	-	77	CNB-85- 55	14	-	118	CNB-85- 61	36	-
34	CNB-85-320	<5	-	78	CNB-85- 54	<5	-	119	CNB-85- 60	25	-
35	CNB-85- 44	7	-	79	CNB-85- 53	14	-	120	CNB-85- 13	<5	-
36	CNB-85- 43A	690	0·020	80	CNB-85- 52	7	-	121	CNB-85- 14	<5	-
37	CNB-85-100	5	-	81	CNB-85-309	7	-	122	CNB-85-301	38	-
38	CNB-85- 1	20	-	82	CNB-85-310	<5	-	123	CNB-85-215C	28	-
39	CNB-85- 46	14	-	83	CNB-85- 27A	28	-	124	CNB-85-300	13	-
40	CNB-85- 45	<5	-	84	CNB-85-311	NA	-	125	CNB-85-302	51	-
41	CNB-85- 47	<5	-	85	CNB-85- 26A	<5	-	126	CNB-85-303	340	0·010
42	CNB-85-319	53	-	86	CNB-85- 26B	15	-	127	CNB-85-306	32	-
43	CNB-85- 9	NA	-	87	CNB-85- 27	16	-	128	CNB-85-123	45	-



LOCATION SKETCH FROM CLAIM MAP G-3233

Scale: 1" = 1/2 Mile

WEACO RESOURCES LTD.

VANCOUVER, B.C.

SWAYZE PROJECT, ONT.

GEOLOGY

NORTH BENTON PROPERTY

BENTON TWP., ONT.

SCALE: 1" = 400'	DRAWN BY: EAG
DATE: OCT. 19, 1985	MAP No. 1

GEOLOGICAL ASSOCIATION OF CANADA FELLOW

2-9130

NOTE: In areas where no outcrops occur, the overburden consists entirely of varved clay or clay, covered by up to 6" (15 cm.) of humus.

SYMBOLS

	Outcrop
X	Small Outcrop
x	Boulder
	Fault
	Geological Contact
85°	Strike and Dip of Schistosity
	Strike, Vertical Dip of Bedding
	Strike and Top of Pillow
	Strike of Glacial Striae
	Muskeg Tractor Road
x C-67:90	Sample Site, Number, and Value in parts per billion
arseno	Arsenopyrite
cpy	Chalcopyrite
po	Pyrrhotite
py	Pyrite
tr	Trace
NA	Not Assayed
	EM Conductor Axis

CONVERSION FACTOR:
34,300 ppb = 1·0 oz./Ton

LEGEND

8	DIABASE DYKES
7	YOUNGER DIORITIC INTRUSIVES
6	FELSIC INTRUSIVES
5	ULTRAMAFIC INTRUSIVES
4	MAFIC INTRUSIVES
3	METASEDIMENTS
2	FELSIC METAVOLCANICS
1	MAFIC METAVOLCANICS

WEACO RESOURCES LTD.
VANCOUVER, B.C.

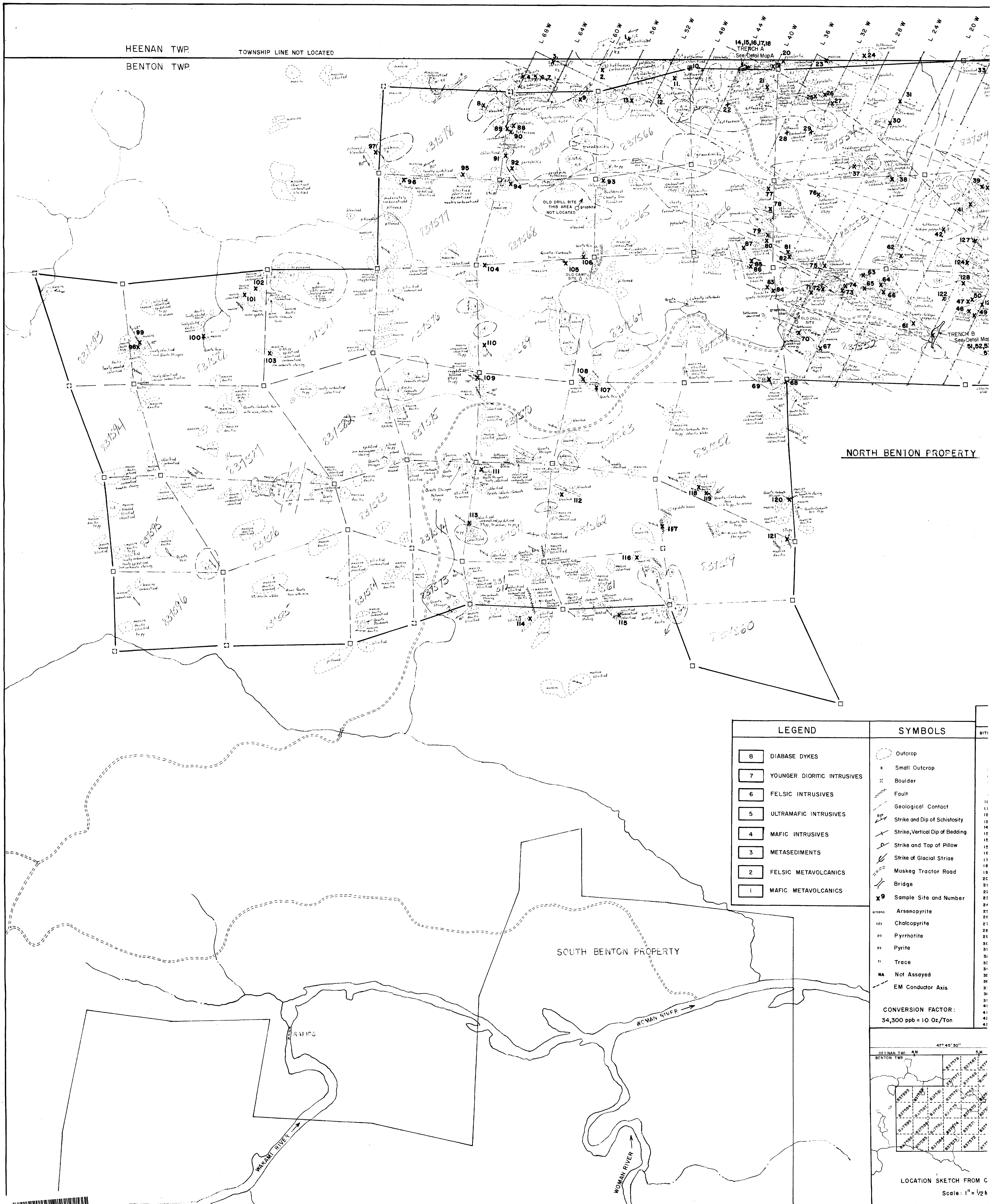
SWAYZE PROJECT, ONT.

GEOLOGY

SOUTH BENTON PROPERTY
BENTON TWP., ONT.

SCALE: 1" = 400'	DRAWN BY: EAG
DATE: OCT. 19, 1985	MAP No. 7

29130


HEENAN TWP.
BENTON TWP.
TOWNSHIP LINE NOT LOCATED
L 68 W
L 64 W
L 60 W
L 56 W
L 52 W
L 48 W
L 44 W
L 40 W
L 36 W
L 32 W
L 28 W
L 24 W
L 20 W
14,15,16,17,18
TRENCH A
See Detail Map A
OLD DRILL SITE THIS AREA NOT LOCATED
OLD CAMP SITE
OLD DRILL SITE
TRENCH B
See Detail Map
NORTH BENTON PROPERTY
SOUTH BENTON PROPERTY
RAPIDS
WOMAN RIVER
WAKAMI RIVER
LEGEND
8 DIABASE DYKES
7 YOUNGER DIORITIC INTRUSIVES
6 FELSIC INTRUSIVES
5 ULTRAMAFIC INTRUSIVES
4 MAFIC INTRUSIVES
3 METASEDIMENTS
2 FELSIC METAVOLCANICS
1 MAFIC METAVOLCANICS
SYMBOLS
Outcrop
Small Outcrop
Boulder
Fault
Geological Contact
Strike and Dip of Schistosity
Strike, Vertical Dip of Bedding
Strike and Top of Pillow
Strike of Glacial Striae
Muskeg Tractor Road
Bridge
Sample Site and Number
arseno Arsenopyrite
cpy Chalcopyrite
po Pyrrhotite
py Pyrite
tr Trace
NA Not Assayed
EM Conductor Axis
CONVERSION FACTOR:
34,300 ppb = 1.0 Oz/Ton
47° 45' 30"
HEENAN TWP.
BENTON TWP.
LOCATION SKETCH FROM C
Scale: 1" = 1/2 M

210

OLD DRILL SITE THIS AREA NOT LOCATED
RAPIDS
OLD CAMP SITE
WOMAN RIVER
WAKAMI RIVER
OLD DRILL SITE
BL 8 15+00N AZ. 305°
BL 7 AZ. 305°
BL 6 25+00 S AZ. 305°
BL 4 75+00 N AZ. 280°
BL 3 50+00 N AZ. 280°
BL 1 AZ. 280°
FALLS
TOWNSHIP LINE NOT LOC
NOTE: In areas where no outcrops occur, the overburden consists entirely of varved clay or clay, covered by up to 6" (15 cm.) of humus.
SYMBOLS
Outcrop
Small Outcrop
Boulder
Fault
Geological Contact
Strike and Dip of Schistosity
Strike, Vertical Dip of Bedding
Strike and Top of Pillow
Strike of Glacial Striae
Muskeg Tractor Road
Sample Site, Number, and Value in parts per billion
arseno Arsenopyrite
cpy Chalcopyrite
po Pyrrhotite
py Pyrite
tr Trace
NA Not Assayed
EM Conductor Axis
CONVERSION FACTOR:
34,300 ppb = 1·0 oz./Ton