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Exploration Program 1989-1990
Geological, Geobotanical and Geochemical Surveys
Power Stripping
on the
Founder Resources Inc. Properties
in
Summers and Leduc Townships
Thunder Bay Mining District
Ontario

Barbara Kowalski

June, 1990

38541

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Abstract

Founder Resources Inc. completed a preliminary exploration program on three claim groups named, Beardmore, Blackwater Lake and Coral Lake in Summers and Leduc Townships, respectively. The program comprised of geological, geobotanical, geochemical surveys and power stripping. The results indicate excellent encouragement for a further program to be completed on the Blackwater and Coral Lake groups for precious and base metals.

INTRODUCTION

Founder Resources Inc. acquired 41 mining claims in the Beardmore-Jellicoe area, located in Summers and Leduc Townships, Thunder Bay Mining Division, Ontario from Morning Dew Exploration Limited in the spring of 1990. The 41 claims are divided into three groups. The first group of 8 claims are located in Summers Township; their numbers are TB 964345 through to 964252 inclusive. This claim group will be referred to as the "Beardmore" claims. The second and third claim groups comprise of 25 and 18 claims respectively and are located in Leduc Township; their numbers are TB 886306 through to 886317 inclusive, TB 886273 through to 886283 inclusive, TB 1100708 and 1100709. This claim group will be referred to as "Blackwater Lake" claims. The third claim group numbers are TB 874868 through to 874885 inclusive and are referred to as the "Coral Lake" claims.

The purpose of this report is to briefly summarize the exploration program carried out in the summer of 1989 and the spring of 1990. The program consisted of a geological survey completed on all claims, geobotanical and geochemical surveys completed on Coral Lake and power stripping completed on Blackwater Lake and Beardmore. The results are shown as plates in the back of this report.

Location and Access

The Beardmore claims are located on the junction of Highway No. 11 and Highway No. 580, 0.6 km northeast of Beardmore. The Blackwater Lake claims are located on Highway No. 11 at Jellicoe. The middle and lower parts of the claim group are accessible by car on a good gravel road (the old Camp 63 road), located 0.7 km east of Jellicoe. The Coral Lake claims are accessible by truck 6.8 km east of Jellicoe along Highway No. 11 and 5.1 km north along the Kinghorn Road (also known as the Camp 40 road), then by boat 10 km west along Coral Lake. A winter road is present along the south shore of Coral Lake reaching the east side of the claim group. Accessibility by road during the summer is possible if two culverts were to be installed into two water crossings.

Previous Work

Beardmore

Trenches were located during the geological survey on the Beardmore claims. There is no documentation of the work, however, the rocks exposed in the trenches indicate mineralized quartz veins within clastic sediments. In, 1987 an airborne geophysical survey (including magnetometer and VLF-EM) was completed over the claim group by Terraquest. The results indicated the presence of a weak magnetic anomaly with strong VLF-EM conductors.

Blackwater Lake

In 1963, Jorsco Exploration Ltd. (a company once held by a well known prospector Karl Springer) completed a geological, geophysical (including magnetometer and electromagnetic) surveys and a diamond drilling program comprising of 1,220 feet at Blackwater Lake. There are numerous trenches and pits across the entire property. A number of mineralized quartz veins were exposed within mafic metavolcanics (andesites) and metasediments (iron formations and greywackes). Associated with many of the quartz veins are shear zones.

In 1986, an airborne geophysical survey (including magnetometer VLF-EM) was completed over the claim group by Geoterrex. The results indicate numerous magnetic anomalies and several VLF-EM conductors, which should be defined by additional work.

Coral Lake

Previous work on the Coral Lake claims, include the 1986 airborne magnetometer and VLF-EM surveys completed by Geoterrex. The results expressed strong VLF-EM conductors with weak magnetic anomalies. It is known by the author, weak magnetic anomalies in association with strong VLF-EM conductors are a favourable environment for gold to be encountered.

GENERAL GEOLOGY

The Beardmore-Geraldton greenstone belt is within the Superior Province of the PreCambrian Shield. It comprises of three sequences of volcanic and sedimentary rocks with local mafic and felsic intrusives that are all cut by a number of sub-parallel, east-west trending regional faults (Kowalski, 1987). The first sequence of sub-aqueous mafic volcanics and clastic sediments occur on the Beardmore and Blackwaker Lake properties. Several gold deposits are located in this series, including:

a) The Leitch and Northern Empire deposits, both hosted in steeply dipping quartz vein systems; the former in sediments and the latter in mafic volcanics, both near Beardmore;

b) The MacLeod Cockshutt and Hard Rock Mines, consisting of quartz stringers in iron formation and quartz veins associated with felsic intrusives, both near Geraldton;

c) The Solomon Pillars occurrence, consisting of quartz stringers associated with iron formation, located near Jellicoe.

Regionally, all the above deposits lies in close proximity to east-west trending fault zones and intrusives that may be associated with these structures.

A second volcanic-sedimentary sequence hosts the Metalore

discovery and the Coral Lake claims, which is localized along a sheared contact zone between clastic sediments and mafic volcanics in close proximity to the regional Paint Lake Fault. A diorite intrudes the volcanics and has caused incipient deformation, alteration and mineralization in the sediments and volcanics.

The third sequence, north of the Metalore discovery, comprises a series of felsic to intermediate volcanics with felsic and mafic intrusives (Kowalski, 1987). The above sequences represent three separate volcanic-sedimentary cycles which were subsequently folded, locally overturned (as at the Brookbank Zone) and sheared (Kowalski, 1987).

EXPLORATION PROGRAM AND RESULTS

PROPERTY GEOLOGY

Beardmore

The geological survey completed over the Beardmore claims comprises of a series of clastic metasediments composed of greywackes with minor sequences of mudstones and siltstones. A feldspar porphyry dike cuts across the sediments whereby, the feldspars are typically 3-4 cm in size and are light green in colour. The porphyry is massive and homogeneous in appearance. A pervasive penetrative cleavage was encountered through the majority of the metasediments.

Three sets of narrow quartz stringers and veins cut across the metasediments and were determined to have an orientation of

090E, 068NE and 015N from oldest to youngest, respectively. The first set of quartz stringers and veins appear to be associated with iron-carbonate and minor pyrite occurring as fine disseminations. Two grab samples were taken from these trenches returning, 0.005 Au oz/ton (sample B-1) and trace Au oz/ton (sample B-2).

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The Blackwater Lake claims consist of a sequence of massive mafic metavolcanics overlain by greywackes and iron formations. These rocks are isoclinally folded and appear to be overturned. They dip -78S, with pillow tops facing north.

A diorite intrudes the mafic volcanics where there has been reported a visible gold showing in close proximity to the volcanic-diorite contact. The author, to date, has not yet prospected this area.

Subsequent to isoclinal folding, the whole assemblage of volcanic, sedimentary and intrusive rocks underwent widespread ductile deformation including the development of regional and local shear zones. The shear zones are striking ENE and are dipping -83S. The direction of movement of the shear zones are expressed by the displacement of the diabase dykes.

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The Coral Lake claims consist of a sequence of massive mafic metavolcanics overlain by polymictic metaconglomerate. These rocks are isoclinally folded and appear to be overturned. They dip steeply to the south, with pillow tops facing north.

The conglomerate forms the basal section of a debris flow, clasts are disorganized, and there are no graded sections no evidence of stratification or clast imbrication. Fragments are of variable composition (granitic, feldspathic, quartz, mafic volcanic and jasper) and range in size from pebbles to cobbles set in a homogeneous, green greywacke matrix, probably derived from mafic volcanics. The basal conglomerate is overlain by a pebbly sandstone conglomerate where the matrix is intensely altered to quartz and sericite.

Subsequent to isoclinal folding the whole assemblage of volcanic and sedimentary rocks in the Beardmore-Geraldton area underwent widespread ductile deformation including the development of regional shear zones. These are closely associated with a major fault as the Paint Lake Fault on the Metalore property. As on the Metalore property the Coral Lake property lies along the mafic volcanic-sedimentary contact and lies on a splay or subsidiary of the main Paint Lake Fault.

A quartz vein was found on L20+00W, 8+00N in the sheared and altered polymictic metaconglomerate and it crosscuts the contact with the metavolcanics at L52+00W, 2+00N. The quartz vein is a few inches to 20 feet in width and thus far has been followed for

a strike length of 3,200 feet. The quartz vein is mineralized with pyrite and chalcopyrite. The wallrock is deformed and altered with sericite and hematite in the polymictic metaconglomerates the mafic metavolcanics respectively. It is well mineralized with pyrite, chalcopyrite, malachite and native copper. Grab samples were taken from this vein and assays returned along the strike length of 0.099 Au oz/ton, 0.06 Ag oz/ton, 0.438 % Cu, 0.0022% Zn (sample number C-324, C-326 0.03 Au oz/ton, taken at L21+50W, 8+00N) and 0.154% Cu (sample number C-588 taken from L52+00W, 2+00N).

GEOBOTANICAL AND GEOCHEMICAL SURVEYS

Coral Lake

Geobotanical and geochemical surveys were completed over the 18 claims at Coral Lake in the spring of 1990. A Suunto 12" tree borer was used on selected trees at 200' intervals and at lines spaced 800' apart. The trees selected for sampling were the largest at every station. This procedure ensured that the roots were the deepest and thus were the closest to bedrock. In addition, stressed trees were preferred at every station, that is, trees which grew on the edge of outcrops tend to be more hardier and are better able to retain metals. Those trees that grow in slight topographic depressions draw more runoff water through the roots and therefore are able to collect more metals. The tree types which were used are jackpine, spruce, cedar, balsam, tamarack, poplar and birch. The majority of the trees

sampled such as the jackpine and spruce were once cut for timber, however, a few trees were found which were in excess of 12" in diameter and were left untouched. Litter layer samples were collected from last years pine needles or birch and poplar leaves. Humus samples were easily obtained from most of the stations, however, some areas of jackpine and cedar growth, the humus layer was only an inch thick.

Sampling Procedure

Samples were bored at approximately three foot high from each tree selected as described above. Plastic gloves were used at all times and were used to place the tree core into a straw. In addition, litter layer and humus samples were taken wearing plastic gloves. In this manner any impurities were avoided that may lead to error in chemical analysis. The number of samples collected exceeded 800 in number.

POWER STRIPPING

Beardmore

the selected area for 6 days power stripping has been located over the old trenches shown on the geological map. Within the old trenches narrow quartz veins were encountered which were locally enriched with pyrite.

Blackwater Lake

At least two distinct iron formations with associated shear

zones were located during the 19 days power stripping over the 25 claims. The iron formation, an oxide facies Algoma type, trends ENE in a discontinuous zone of hematite-magnetite quartz (chert and jasper) and is interbedded with greywacke. The maximum width encountered is 30'. The north iron formation is isoclinally folded and is sugary in texture. It is well mineralized and locally massive with pyrite, chalcopyrite, pyrrhotite and minor sphalerite and galena. Grab samples were taken from this iron formation and for the first time Au grading 0.445 oz/ton, Ag and base metal potential was encountered.

The southern iron formation resembles the northern, however, both areas require washing and detailed sampling. A total of 84 grab samples were taken across the grid. From these samples the following assays were obtained:

J-1 located on L76+00E, 17+00N Au 0.04 oz/ton,
J-25 " " L44+50E, 0+70N Au 0.103 oz/ton,
J-76 " " L84+00E, 16+50N Au 0.04 oz/ton,
J-84 " " L84+00E, 17+50N Au 0.445 oz/ton.

In addition a few selected samples were analyzed for Ag, and for the first time tested for the presence of Cu, Zn, Pb, Ni, Fe and Mo. The best assays from seven samples obtained were the following:

J-75 located on L84+00E, 16+50N Ag 0.37 oz/ton, Cu 1.6%, Ni 0.013%.

The results isolate and define the areas for further investigation for precious and base metal enrichment. In summary, the

find warrants additional grab samples along the full strike length of the northern iron formation. Further grab samples should be taken from the southern iron formation.

Conclusions

Beardmore

Low gold values were obtained from the two grab samples. The area requires further sampling and ground geophysics.

Blackwater Lake

A new gold and base metal showing was found during the power stripping. Two iron formations were uncovered where good precious base metal assays were obtained. Washing of the stripped area along with detailed mapping and sampling should be pursued.

Coral Lake

A new gold and base metal showing was found during the geobotanical and geochemical surveys. Due to problems of accessibility with heavy machinery, a winter program of geophysics and diamond drilling is necessary to test the fault contact between the conglomerates and volcanics and find deformation and alteration patterns analogous to the Metalore.

RECOMMENDATIONS**Beardmore**

The areas of trenching and stripping should be washed, mapped and sampled in detail. Ground magnetometer and VLF-EM should be run over the 8 claim group.

Blackwater Lake

1. The areas of trenching and stripping should be washed, mapped and sampled with a rock saw in detail;
2. Additional lines should be cut at 200' intervals, particularly between L20+00E and L76+00E;
3. Ground VLF-EM and magnetometer surveys should be done over the entire grid;
4. Detailed geology, including prospecting should be done;
5. A preliminary program of diamond drilling consisting of short holes (500 foot) to test the iron formations and volcanic-sedimentary contacts.

Coral Lake

1. Additional lines should be cut at 200' intervals;
2. A winter magnetometer, VLF-EM and IP surveys;
3. A winter diamond drilling program to test the volcanic-sedimentary contact;
4. A detailed geological and prospecting program.

Estimated Costs for 1991 Exploration Program

Beardmore

Washing of stripped areas 8 days, 2 men at \$110.00/day	\$1,760.00
Mapping 3 days, geologist \$275.00/day	\$ 825.00
Sampling and assaying	\$1,000.00
Magnetometer and VLF-EM surveys 10 days @ \$275.00/day	\$2,750.00
Map preparation, report writing 14 days @ \$275.00/day	\$3,850.00
plus accomodations, meals and expenses	

Blackwater Lake

Washing of stripped areas 20 dyas, 2 men @ \$110.00/day	\$4,400.00
Mapping, sampling 8 days at \$275.00/day	\$2,000.00
Assaying	\$6,000.00
Line-cutting \$500.00 per line mile (9 miles)	\$4,500.00
Winter geophysics (magnetometer and VLF-EM) 50 line miles @ \$275.00/day	\$13,750.00
Geology and prospecting 14 days @ \$275.00/day	\$3,850.00
Diamond drilling 10,000 feet @ \$21.00/foot and	\$210,000.00
mob and demob, logging, splitting, assaying	\$ 17,500.00
report writing and map preparation	\$10,000.00
plus accomodation, meals and expenses	

Coral Lake

Winter geophysics (magnetometer and VLF-EM)	\$4,950.00
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Diamond drilling 9,500 feet @\$21.00/foot	\$199,500.00
mob and demob, logging, splitting, assaying	\$21,800.00
report writing and map preparation	\$10,000.00
plus accomodations, meals and expenses	
Sub Total	\$518,435.00
contigencies 20%	\$103,687.00
TOTAL	\$622,122.00

REFERENCES

1. Geoterrex, 1986. Geophysical maps, magnetometer and VLF-EM on the Blackwater and Coral Lake properties.
2. Jorsco, 1963. MNR file # 63.123.
3. Kowalski, 1987. Metalore Gold Discovery, Northern Miner Magazine.
4. Terraquest, 1987. Geophysical maps, magnetometer and VLF-EM on the Beardmore property.

AUTHORS QUALIFICATIONS

I, Barbara Kowalski am a graduate with a B.Sc. in geology from McMaster University, Hamilton, Ontario in 1983. Since that time I have worked for the Economic Division of the OGS based out of Geraldton; on the Metalore gold property for 6 years; consulting geologist for Placer Dome; and presently for Harte Resources Corp.. Concurrently, I am completing my M.Sc. degree from Lakehead University, in Thunder Bay, Ontario.

Barbara Kowalski



WAWA ASSAYING INC.

P.O. Box 1998 - Wawa, Ontario P0S 1K0 - 705-856-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 06589

No. 5070

CLIENT: MORNING DEW EXPLORATIONS LIMITED

DATE: June 4, 1990

SAMPLE No.	Au oz/Ton	Ag ppm	Cu ppm
C-602	tr		28
C-603	0.002		37
C-604	0.005		6
C-605	0.002		42
C-606	0.003		40
C-607	0.003		34
C-646	0.002		
C-647	0.002		
C-764	0.002	0.88	16

Certificate #15
 06557 ✓
 06513 ✓
 06540 ✓
 07302 ✓
 06586 ✓
 06589 ✓
 are rock samples results indicated on map.

1-

Samples, Pulps and rejects discarded after two months.

Assayer: *Stanley Town*



WAWA ASSAYING INC.

P.O. Box 1998 - Wawa, Ontario P0S 1K0 - 705-856-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 06586

No. 5069

CLIENT: MORNING DEW EXPLORATIONS LIMITED

DATE: June 4, 1990

SAMPLE No.	Au oz/Ton	Ag ppm	Cu ppm
C-512	0.002		
C-524✓	0.006	0.94	27
C-525✓	tr	0.64	7
C-587	tr		501
C-588	tr		1540
C-589	tr		202
C-590	0.002		997
C-591	tr		451
C-592	0.008		940
C-593	0.002		610
C-594	0.002		27
C-595	tr		348
C-596	tr		37
C-597	tr		95
C-598	tr		300
C-599	tr		28
C-600	0.005		28
C-601	0.005		88

Samples, Pulps and rejects discarded after two months.

Assayer: 



WAWA ASSAYING INC.

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127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 07302

No. 5642

CLIENT: MORNING DEW EXPLORATIONS

DATE: August 29, 1990

SAMPLE No.	Au ppb	Ag ppm	Cu ppm	Zn ppm	Pb ppm
C-467✓	106	<0.1	21	11	9

Samples, Pulps and rejects discarded after two months.

Assayer: *Randy Stone*



WAWA ASSAYING INC.

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127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 06540

No. 5040

CLIENT: MORNING DEW EXPLORATIONS LIMITED

DATE: May 29, 1990

SAMPLE No.	Au oz/Ton
C-340	0.004
C-344a	0.002
C-344b	0.009
C-384	0.004
C-385	0.003
C-386	tr
C-387	0.003
C-388	0.005
C-389	tr

Samples, Pulps and rejects discarded after two months.

Assayer: *Randy K...*



WAWA ASSAYING INC.

P.O. Box 1988 - Wawa, Ontario P0S 1K0 - 705-856-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 06513

No. 5029

CLIENT: MORNING DEW EXPLORATIONS LTD.

DATE: May 24, 1990

SAMPLE No.	Au oz/Ton
C-114	tr
C-321	tr
C-322	tr
C-323	0.003
C-324	0.099
C-325	0.009
C-326	0.028

Samples, Pulps and rejects discarded after two months.

Assayer: Shohel



WAWA ASSAYING INC.

P.O. Box 1998 - Wawa, Ontario P0S 1K0 - 705-856-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

NO. 06557

No. 5053

CLIENT: MORNING DEW EXPLORATIONS LIMITED

DATE: May 30, 1990

SAMPLE No.	Ag ppm	Cu ppm	Zn ppm	Pb ppm	Ni ppm
C-114	0.25	-	-	-	-
C-322	0.10	-	-	-	-
C-321	0.50	347	5	25	-
C-324	2.05 ^{0.006}	4380 ^{0.44%}	22	8	-
C-326	1.95	-	-	-	-

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Samples, Pulps and rejects discarded after two months.

Assayer: 



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The Coral Lake claims consist of a sequence of massive mafic metavolcanics overlain by polymictic metaconglomerate. These rocks are isoclinaly folded and appear to be overturned. They dip steeply to the south, with pillow tops facing north.

The conglomerate forms the basal section of a debris flow, clasts are disorganized, and there are no graded sections no evidence of stratification or clast imbrication. Fragments are of variable composition (granitic, feldspathic, quartz, mafic volcanic and jasper) and range in size from pebbles to cobbles set in a homogeneous, green greywacke matrix, probably derived from mafic volcanics. The basal conglomerate is overlain by a pebbly sandstone conglomerate where the matrix is intensely

altered to quartz and sericite.

Subsequent to isoclinal folding the whole assemblage of volcanic and sedimentary rocks in the Beardmore-Geraldton area underwent widespread ductile deformation including the development of regional shear zones. These are closely associated with a major fault as the Paint Lake Fault on the Metalore property. As on the Metalore property the Coral Lake property lies along the mafic volcanic-sedimentary contact and lies on a splay or subsidiary of the main Paint Lake Fault.

A quartz vein was found on L20+00W, 8+00N in the sheared and altered polymictic metaconglomerate and it crosscuts the contact with the metavolcanics at L52+00W, 2+00N. The quartz vein is a few inches to 20 feet in width and thus far has been followed for a strike length of 3,200 feet. The quartz vein is mineralized with pyrite and chalcopyrite. The wallrock is deformed and altered with sericite and hematite in the polymictic metaconglomerates the mafic metavolcanics respectively. It is well mineralized with pyrite, chalcopyrite, malachite and native copper. Grab samples were taken from this vein and assays returned along the strike length of 0.099 Au oz/ton, 0.06 Ag oz/ton, 0.438 % Cu, 0.0022% Zn (sample number C-324, C-326 0.03 Au oz/ton, taken at L21+50W, 8+00N) and 0.154% Cu (sample number C-588 taken from L52+00W, 2+00N).

GEOBOTANICAL AND GEOCHEMICAL SURVEYS

Coral Lake

Geobotanical and geochemical surveys were completed over the 18 claims at Coral Lake in the spring of 1990. A Suunto 12" tree borer was used on selected trees at 200' intervals and at lines spaced 800' apart. The trees selected for sampling were the largest at every station. This procedure ensured that the roots were the deepest and thus were the closest to bedrock. In addition, stressed trees were preferred at every station, that is, trees which grew on the edge of outcrops tend to be more hardier and are better able to retain metals. Those trees that grow in slight topographic depressions draw more runoff water through the roots and therefore are able to collect more metals. The tree types which were used are jackpine, spruce, cedar, balsam, tamarack, poplar and birch. The majority of the trees sampled such as the jackpine and spruce were once cut for timber, however, a few trees were found which were in excess of 12" in diameter and were left untouched. Litter layer samples were collected from last years pine needles or birch and poplar leaves. Humus samples were easily obtained from most of the stations, however, some areas of jackpine and cedar growth, the humus layer was only an inch thick.

Sampling Procedure

Samples were bored at approximately three foot high from each tree selected as described above. Plastic gloves were used

at all times and were used to place the tree core into a straw. In addition, litter layer and humus samples were taken wearing plastic gloves. In this manner any impurities were avoided that may lead to error in chemical analysis. The number of samples collected exceeded 800 in number.

Sample Results

The rock sample results indicate precious and base metal potential to be followed-up by an additional exploration program. Encouraging sample numbers which reflect this are C-324, C-326, and C-588 for Cu enrichment only.

The geobotanical results generally indicate anomalies in trace elements which are or could be directly associated with precious and base metal potential. Those results which reflect this are for litter layer, soil and humus samples are the following:

Sample No.	Element	Results
C297	Cu, Pb, Mn, Ni, Co, As, V, Cr, Fe	141, 170, 952, 12, 15, 63 34 ppm, 2.56%
C320	Cu, Pb, Mn, Ni, V, Cr, Fe	384, 91, 222, 12, 20, 35 ppm 1.88%
C332	Cu, Mn	142, 228 ppm
C5	Zn, Mn	92, 366 ppm
C15	Zn, Mn	128, 385 ppm
C18	Zn, Mn	90, 624 ppm
C23	Zn, Mn	95, 317 ppm

Sample No.	Element	Results
C28	Zn, Mn	106,360 ppm
C34	Zn, Mn	147,238 ppm
C39	Zn, Mn	172,287 ppm
C43	Zn, Mn	135,1328 ppm
C53	Zn, Mn	90,291 ppm
C60	Zn, Mn	109,688 ppm
C66	Zn, Mn	174,996 ppm
C71	Zn, Mn	143,789 ppm
C76	Zn, Mn	143,2399 ppm
C81	Zn, Ag, Mn	122,0.5,797 ppm
C89	Zn, Ag, Mn	104,0.5,659 ppm
C95	Zn, Mn	95,1281 ppm
C96	Zn, Mn	95,2056 ppm
C105	Zn, Mn	92,245 ppm
C109	Zn, Mn, Sr, Ba	107,412,56,100 ppm
C115	Zn, Mn, Sr	92,266,51 ppm
C128	Zn, Mn	141,624 ppm
C133	Zn, Mn	101,686 ppm
C148	Zn, Mn	141,473 ppm
C164	Zn, Mn, Co, As, Ba, Fe	105,23786,15,100,202ppm, 1.61%
C181	Zn, Mn	146,287 ppm
C182	Zn	104 ppm
C186	Zn, Mn	96,264 ppm
C191	Zn, Ag, Mn	90,0.4,358 ppm

Sample No.	Element	Results
C207	Zn, Mn, Ba	103, 1553, 104 ppm
C215	Zn, Mn	101, 628 ppm
C219	Zn, Mn	129, 362 ppm
C367	Zn, Mn	117, 698 ppm
C398	Zn, Mn, Ni, Co, As, V, Cr, Ba, Fe	114, 2357, 17, 19, 66, 51 62, 158 ppm, 4.93%
C429	Zn, Mn	186, 342 ppm
C453	Zn, Mn	110, 346 ppm
C456	Zn, Mn	93, 1586 ppm
C477	Zn, Mn	184, 1926 ppm
C482	Zn, Mn	149, 1643 ppm
C503	Zn, Mn	107, 748 ppm
C516	Zn, Mn, Ba	140, 1495, 114 ppm
C520	Zn, Mn, Ba	116, 2589, 162 ppm
C544	Zn, Mn, Ba	126, 856, 119 ppm
C555	Zn, Mn, Pb, Ni, Ba	212, 1297, 95, 10, 101 ppm
C559	Zn, Mn, Ni	100, 384, 16 ppm
C564	Zn, Mn, Ba	121, 576, 195 ppm
C578	Zn, Mn	97, 286 ppm
C582	Zn, Mn	195, 1080 ppm
C610	Zn, Mn	158, 524 ppm
C619	Zn, Ni, Mn	98, 24, 947 ppm
C623	Zn, Mn	111, 978 ppm
C644	Zn, Mn	116, 1301 ppm
C651	Zn, Mn	188, 288 ppm

Sample No.	Element	Results
C656	Zn, Mn	104,499 ppm
C668	Zn, Mn	358,402 ppm
C673	Zn, Mn, Ba	157,1219,105 ppm
C677	Zn, Mn	113,387 ppm
C682	Zn, Mn	112,380 ppm
C692	Zn, Mn	209,379 ppm
C696	Zn, Mn	137,407 ppm
C725	Zn, Mn	114,575 ppm
C730	Zn, Mn	137,285 ppm
C29	Ag	0.4 ppm
C72	Ag, Mn, Ba	0.7,2017,125 ppm
C187	Ag, Mn	0.7,140 ppm
C229	Ag, Mn, Ba	0.4,1068,154 ppm
C263	Ag, Mn	0.8,726 ppm
C305	Ag, Mn	0.5,2676 ppm
C336	Ag, Mn, Ni, Co, V, Ba	0.8,334,25,18,12
	Fe	122 ppm,0.85%
C402	Ag, Mn	0.4,510 ppm
C413	Ag, Mn	0.4,335 ppm
C430	Ag, Mn, V, Fe	0.5,240,12 ppm,0.81%
C454	Ag, Mn	0.5,128 ppm
C478	Ag, Mn, Ni, Co, V,	0.7,1657,21,15,16,
	Cr, Ba, Fe	32,123 ppm,1.65%
C504	Ag, Mn	0.5,101 ppm
C507	Ag, Mn	0.4,647 ppm

Sample No.	Element	Results
C545	Ag, Mn, Ni, V, Fe	0.4, 517, 10, 13 ppm 0.76%
C674	Ag, Ni, Mn	0.4, 10, 348 ppm
C678	Ag	0.4 ppm
C693	Ag	0.6 ppm
C712	Ag, Mn	0.4, 645 ppm
C731	Ag, Mn	0.5, 226 ppm
C77	Mn	1150 ppm
C82	Mn	771 ppm
C85	Mn	1447 ppm
C96	Mn, Ba	2056, 111 ppm
C134	Mn, Ba	338, 170 ppm
C159	Mn, Ba	119, 122 ppm
C167	Mn, Ni	1428, 12 ppm
C224	Mn	1724 ppm
C223	Mn	1472 ppm
C364	Mn, V, Ba, Fe	1089, 27, 103 ppm, 1.24%
C383	Mn	1124 ppm
C392	Mn	1006 ppm
C397	Mn, Fe	1207 ppm, 1.48%
C399	Mn, V, Cr, Fe	715, 43, 42 ppm, 3.40%
C403	Mn, V, Fe	353, 48 ppm, 1.72%
C487	Mn, Ni, V, Ba, Fe	1888, 10, 11, 178 ppm, 0.52%
C529	Mn, Sr, Ba	1241, 76, 107 ppm

Sample No.	Element	Results
C548	Mn, Ni, Co, V, Cr, Ba	1709, 14, 15, 23, 32, 180 ppm, 1.36%
C583	Mn, Ni, Co, Ba, Fe	2292, 15, 13, 160 ppm, 0.66%
C611	Mn, Ba	1652, 111 ppm
C616	Mn, Cr, Ba	497, 11, 107 ppm
C620	Mn, Cr, Ba	596, 13, 123 ppm
C657	Mn, Ni, Co, V, Fe	2091, 15, 14, 32 ppm, 1.4%
C697	Mn, Ba	1806, 137 ppm
C708	Mn	1761 ppm
C741	Mn, Ni, Ba	2332, 10, 148 ppm
C760	Mn	1301 ppm
C763	Mn	1077 ppm
C767	Mn, Ba	1159, 111 ppm
C768	Mn, Ni, Co, V, Fe	1584, 11, 16, 19 ppm, 1.04%
C85	Ni, Mn, V, Cr	15, 332, 41, 50 ppm
C44	Ni, Mn, Cr, Fe	13, 195, 34 ppm, 1.51%
C61	Ni, Fe	15 ppm, 0.86%
C116	Ni, Mn, Cr, Fe	19, 231, 35 ppm, 1.1%
C253	Mn, V, Fe	251, 49 ppm, 1.95%
C368	Ni, Fe	11 ppm, 0.54%
C376	Ni, Fe	11 ppm, 0.62%
C436	Ni, Fe	12 ppm, 0.46%
C470	Ni, Mn, Fe	10, 238 ppm, 0.49%
C540	Ni, Co, Mn, Fe	13, 10, 112 ppm, 0.83%

Sample No.	Element	Results
C560	Ni, Co, Mn, V, Cr, Fe	13, 14, 275, 19, 30 ppm, 1.51%
C669	Ni, Fe	13 ppm, 0.76%
C719	Ni, Mn, Fe	11, 551 ppm, 0.68%

The results from the litter layer, soil and humus samples reflect significant anomalies in the following elements: Cu, Pb, Zn, Ag, Ni, Co, As, V, Cr, Ba, Mn, and Fe. These elements can be used as tracers to isolate areas for potential base and precious metals.

The wood core analysed for 32 elements show the following trends:

Sample No.	Element	Results
C1	Cu, As, B	4, 11, 16 ppm
C5	Cu, As, Mg, B	5.6, 10, 208, 15 ppm
C7	Cu, As, B	4.0, 10, 18 ppm
C8	Cu, B	3.1, 19 ppm
C11	Cu, Ba, B	7.7, 23, 19 ppm
C12	Zn, Mg, Ba, B	36, 220, 17, 14 ppm
C13	Cu	5.2 ppm
C25	Cu, As, B	3.6, 15, 21 ppm
C27	Zn, As, B	20, 13, 12 ppm
C33	Zn, V, B	27, 1.1, 16 ppm
C36	Zn, As, B	26, 12, 11 ppm
C37	Cu, As, B	3.4, 10, 19 ppm
C51	Zn, Ba	25, 16 ppm
C57	Ni, Ba, B	3.8, 14, 14 ppm

Sample No.	Element	Results
C58	Zn, Ba	27, 15 ppm
C62	Cu, Ba	3.4, 17 ppm
C69	Ni, Mg, B	3.7, 216, 15 ppm
C70	Zn, As, Ba, B	26, 10, 14, 16 ppm
C72	Ag, Ni, La, Ba	0.4, 2.3, 1, 15 ppm
C73	Ni	2.3 ppm
C79	Ni, As, Mg, B	2, 13, 203, 22
C80	Zn, As, Ba, B	25, 10, 15, 10 ppm
C91	Ni, B	2.4, 13 ppm
C92	Cu, Ni, As, Mg, Ba	3.1, 2.8, 237, 10 ppm
C98	Ni, As	2.4, 10 ppm
C99	Cu, Ni, Ba, B	3.2, 2.7, 16, 13 ppm
C113	Zn, Sr, Mg, Ba, B	20, 13.4, 360, 22, 16 ppm
C118	Zn, Sr, Mg, Ba, B	28, 11, 251, 14, 21 ppm
C125	Zn, Mn, Ba, B	22, 131, 28, 15 ppm
C127	Zn, Mg, Ba	22, 395, 12 pm
C131	Zn, Mn, Ba	1.4, 115, 14 ppm
C141	Ni, Ba, B	3, 15, 10 ppm
C147	Ni, B	2.5, 17 ppm
C157	Cu, Zn, Ni, Sr, V, Mg, Ba, B	2.5, 19, 1.2, 9.6, 1, 283, 15, 181 ppm
C165	Cu, V	2.6, 0.7 ppm
C169	Zn, Mn, Mg, Ba	30, 172, 228, 22 ppm
C176	Zn, Mn, Ba	25, 104, 17 ppm
C180	Zn, Ni, Sr, Mg, Ba, B	19, 1.2, 6, 110, 14, 9 ppm

Sample No.	Element	Results
C185	Zn, Mg, B	22, 484, 16 ppm
C189	Mo, Cu, Zn, As, Sr, V, Mg, Ba, B	1.5, 1.8, 12, 10, 7.8, 0.6, 462, 8, 16 ppm
C195	Mo, Cu, Zn, As, Sr, V, Mg, Ba, B	1.3, 2.2, 24, 10, 10, 0.6, 326, 12, 11 ppm
C198	Mo, Cu, As, Mg, B	1.4, 1.4, 10, 206, 11 ppm
C214	Zn, Ni, Mg	16, 2.9, 200 ppm
C218	Zn, As, Sr, Ba, B	18, 11, 7, 10, 10 ppm
C227	Zn, Ba, B	25, 23, 11 ppm
C241	Zn, Mn, Mg, Ba, B	16, 149, 398, 52, 13 ppm
C243	Zn, Ba	28, 10 ppm
C246	Ni, B	1.8, 10 ppm
C247	Zn, Sr, Ba, B	22, 10.8, 17, 10 ppm
C251	Mo, Cu, Zn, Ni, B	1.6, 2.3, 12, 2.3, 15 ppm
C254	Ni	2.2 ppm
C259	Cu, Zn, Ni, B	3.4, 22, 2.2, 9 ppm
C265	Ni, As, Ba, B	4.3, 10, 18, 9 ppm
C266	Zn, Ni, Ba, B	18, 1.6, 17, 15 ppm
C267	Cu, Zn, Ni, Mn, V, Ba	2.1, 14, 1.9, 136, 0.7, 19 ppm
C270	Ni, Mn, V, Ba	2.1, 108, 0.8, 11 ppm
C271	Ni	2.9 ppm
C280	Cu, Ni, V, Mg	2.3, 1.7, 0.6, 222 ppm
C288	Ni, Ba	5.3, 18 ppm
C289	Cu, Zn	3.8, 14 ppm

Sample No.	Element	Results
C294	Zn, Mn, Sr, Ba	13, 154, 10, 35 ppm
C302	Zn, Ba	22, 17 ppm
C303	Ni	3 ppm
C306	Zn, Mn, Ba, B	19, 106, 24, 9
C307	Cu, Ni, V, B	2.5, 2.9, 1.3, 9 ppm
C312	Cu, Ni, As, Sr, Mg, B	3.1, 2.6, 10, 8, 226, 10 ppm
C317	Cu, Zn, Ni, Sr, Mg, Ba	2.8, 13, 1.3, 8, 288, 11 ppm
C348	Cu, Zn, Ni, Mn, Ba, B	2.5, 14, 1.2, 134, 23, 12 ppm
C354	Zn, Ba, B	26, 11, 19 ppm
C360	Cu, Zn, Ni, B	2.7, 10, 2.2, 9 ppm
C361	Cu, Ba	2.5, 21 ppm
C366	Cu, Zn, As, Sr, Mg, Ba, B	3.2, 22, 10, 5.1, 257, 8, 9 ppm
C373	Cu, Zn, B	2.5, 12, 11 ppm
C380	Cu, Ni, Co, V	2.3, 2.2, 1.2, 0.8 ppm
C381	Cu, Zn, Ni, Sr, Ba	1.7, 22, 1.6, 6, 13 ppm
C391	Cu, Zn, Ag, Ni, Mn, La, Mg, Ba, B	2.5, 12, 0.3, 117, 0.6, 118, 29, 11 ppm
C394	Cu, Zn, Ag, Ni, Mn, Sr, La, Mg, Ba, B	3, 18, 0.3, 1.8, 134, 6.6, 0.8, 403, 45, 16 ppm
C395	Cu, Zn, ag, Ni, Mn, La, Mg, Ba, B	3, 30, 0.4, 1.8, 86.1, 167, 21, 10 ppm

Sample No.	Element	Results
C396	Cu, Zn, Ag, Ni, La, Mg, B	2.5, 19, 0.3, 2.3, 1.4, 218, 10 ppm
C404	Cu, Ag, La	2.5, 0.3, 1 ppm
C405	Cu, Ag, Sr, La, Ba	2.5, 0.3, 5.9, 1.1, 16 ppm
C411	Ni, As, Ba	2, 11, 7 ppm
C424	Ni, As, V, La, B	2.2, 13, 0.9, 0.7, 7 ppm
C427	Zn, Sr, V, Ba	19, 5.9, 1.6, 10 ppm
C428	Zn, B	34, 15 ppm
C431	Ni, Sr, Ba, B	2, 4.5, 17, 13 ppm
C440	Cu, V, B	2.3, 1.3, 22 ppm
C446	Ni, As	2.4, 13 ppm
C450	Cu, Ag, As	2.1, 0.3, 10 ppm
C457	Ni, As	2.9, 0.8 ppm
C458	Zn, Ag, As, Sr, La, Mg, B	22, 0.4, 8, 4.9, 0.7, 203 8 ppm
C460	Ag, Sr, La, Ba	0.5, 10.4, 0.7, 14 ppm
C461	Ag, As, B	0.4, 9, 13 ppm
C464	Ag, As, B	0.4, 9, 10 ppm
C468	Zn, Ag, Ni, As, Sr, La, Ba, B	22, 0.6, 9, 6.4, 0.7, 20, 9 ppm
C469	Cu, Zn, Ag, Ni, Mn, As, Mg, Ba, B	2.3, 17, , 0.4, 2.3, 168, 8, 292, 40, 7 ppm
C475	Zn, As, Sr, Mg, B	20, 7, 5.3, 302, 10 ppm
C476	Zn, Mn, As, Mg, Ba, B	47, 186, 7, 214, 24, 12 ppm

Sample No.	Element	Results
C479	Zn, Ag, Mn, As, Sr, Ba, B	20, 0.3, 233, 8, 8.4, 62, 16 ppm
C481	Zn, Ba, B	42, 14, 13 ppm
C483	Ni, Mn, Sr, Ba	2.2, 119, 4.6, 32 ppm
C484	Zn, Ni, Mn, Ba	22, 1.3, 119, 16 ppm
C489	Ag, Mg	0.3, 230 ppm
C490	Zn, Mn, As, Ba, B	22, 144, 8, 23, 10 ppm
C496	Zn, Mg, Ba	19, 221, 10 ppm
C501	Zn, Mn, Sr, Mg, Ba	18, 148, 4.9, 440, 29 ppm
C502	Zn, Mn, Mg, Ba, B	23, 122, 223, 10, 10 ppm
C509	Zn, Mg, Ba, B	26, 222, 16, 11 ppm
C527	Zn, As, Sr, V, Mg, Ba, B	24, 9, 15.8, 0.6, 554, 22, 15 ppm
C528	Zn, Mn, As, Sr, V, Ba, B	22, 104, 7, 5.5, 0.8, 23, 10 ppm
C543	Zn, As, V, Mg, Ba, B	19, 8, 0.8, 211, 10, 9 ppm
C566	Zn, As, Mg, Ba, B	29, 8, 293, 18, 12 ppm
C626	Zn, Ag, Ni, Co, Mn, As, V, Mg, Ba	30, 0.3, 2.1, 0.7, 112, 8, 1, 248, 30 ppm
C627	Cu, Zn, V, Mg, Ba	2.5, 42, 1.5, 407, 17 ppm
C633	Ni, Co, V, Ba	2.3, 1, 0.7, 14 ppm
C634	Cu, Zn, Ni, Co, V, Mg, B	2.5, 23, 2.6, 1, 1, 221, 13 ppm
C635	Ni, Co, As, V	2.2, 0.9, 6, 1 ppm

Sample No.	Element	Results
C638	Cu, Zn, Mn, As, Mg, Ba, B	4.3, 28, 128, 9, 1543, 18, 19 ppm
C648	Cu, Zn, Sr, Ba	2.5, 14, 5.8, 12 ppm
C655	Ni, Sr, Ba	2, 5.2, 19 ppm
C659	Cu, Ni, Sr, Ba	3, 2.4, 6.6, 17 ppm
C660	Cu, Sr, Mg	3.6, 6.7, 203
C662	Cu	2.5 ppm
C665	Cu, Ba	2.5, 21 ppm
C666	Cu, Zn, Mg	3.4, 23, 229 ppm
C667	Cu, Ba	3, 18 ppm
C670	Cu, Zn, Mn, Ba	3, 19, 104, 26 ppm
C671	Cu	2.5 ppm
C672	Cu, Sr, Mg, Ba	3.2, 7.1, 414, 12 ppm
C680	Ni, V, B	2.2, 0.9, 12 ppm
C695	Ni, Mn, Sr, Ba, B	4.7, 200, 5.5, 30, 14 ppm
C709	Ni	2.1 ppm
C713A	Ni, Co, B	2.7, 1, 15 ppm
C713B	Ni, B	1.9, 20 ppm
C717	Ag, Co, Ba, B	0.4, 1, 15, 15 ppm
C721	Ag, Ni, Co, Mn, La, Ba, B	0.5, 2.5, 1.8, 107, 1, 17, 18 ppm
C728	Ni, Sr, Ba	3, 7.9, 20 ppm
C736	Cu, Ag, Co, V, La, Mg, Ba	2.3, 0.4, 1.2, 0.7, 0.9, 268, 25 ppm
C756	Cu, Ni, Sr, Mg	2.1, 3.8, 4.7, 225 ppm

The results from the wood core samples indicate a strong Cu, Zn, Ag, Ni concentration, while trace elements such as V, La, Co, Sr, Ba, B are concentrated in sufficient quantities to be associated with gold and other precious metals. The results from the geochemical and geobotanical survey appear to be positive and warrant a follow-up exploration program.

POWER STRIPPING

Beardmore

the selected area for 6 days power stripping has been located over the old trenches shown on the geological map. Within the old trenches narrow quartz veins were encountered which were locally enriched with pyrite.

Blackwater Lake

At least two distinct iron formations with associated shear zones were located during the 19 days power stripping over the 25 claims. The iron formation, an oxide facies Algoma type, trends ENE in a discontinuous zone of hematite-magnetite quartz (chert and jasper) and is interbedded with greywacke. The maximum width encountered is 30'. The north iron formation is isoclinally folded and is sugary in texture. It is well mineralized and locally massive with pyrite, chalcopyrite, pyrrhotite and minor sphalerite and galena. Grab samples were taken from this iron formation and for the first time Au grading 0.445 oz/ton, Ag and base metal potential was encountered.

The southern iron formation resembles the northern, howev-

er, both areas require washing and detailed sampling. A total of 84 grab samples were taken across the grid. From these samples the following assays were obtained:

J-1 located on L76+00E, 17+00N Au 0.04 oz/ton,
J-25 " " L44+50E, 0+70N Au 0.103 oz/ton,
J-76 " " L84+00E, 16+50N Au 0.04 oz/ton,
J-84 " " L84+00E, 17+50N Au 0.445 oz/ton.

In addition a few selected samples were analyzed for Ag, and for the first time tested for the presence of Cu, Zn, Pb, Ni, Fe and Mo. The best assays from seven samples obtained were the following:

J-75 located on L84+00E, 16+50N Ag 0.37 oz/ton, Cu 1.6%, Ni 0.013%.

The results isolate and define the areas for further investigation for precious and base metal enrichment. In summary, the find warrants additional grab samples along the full strike length of the northern iron formation. Further grab samples should be taken from the southern iron formation.

Conclusions

Beardmore

Low gold values were obtained from the two grab samples. The area requires further sampling and ground geophysics.

Blackwater Lake

A new gold and base metal showing was found during the power

stripping. Two iron formations were uncovered where good precious base metal assays were obtained. Washing of the stripped area along with detailed mapping and sampling should be pursued.

Coral Lake

A new gold and base metal showing was found during the geobotanical and geochemical surveys. Due to problems of accessibility with heavy machinery, a winter program of geophysics and diamond drilling is necessary to test the fault contact between the conglomerates and volcanics and find deformation and alteration patterns analogous to the Metalore.

RECOMMENDATIONS

Beardmore

The areas of trenching and stripping should be washed, mapped and sampled in detail. Ground magnetometer and VLF-EM should be run over the B claim group.

Blackwater Lake

1. The areas of trenching and stripping should be washed, mapped and sampled with a rock saw in detail;
2. Additional lines should be cut at 200' intervals, particularly between L20+00E and L76+00E;
3. Ground VLF-EM and magnetometer surveys should be done over the entire grid;
4. Detailed geology, including prospecting should be done;
5. A preliminary program of diamond drilling consisting of short holes (500 foot) to test the iron formations and volcanic-sedimentary contacts.

Coral Lake

1. Additional lines should be cut at 200' intervals;
2. A winter magnetometer, VLF-EM and IP surveys;
3. A winter diamond drilling program to test the volcanic-sedimentary contact;
4. A detailed geological and prospecting program.

Estimated Costs for 1991 Exploration Program

Beardmore

Washing of stripped areas 8 days, 2 men at \$110.00/day	\$1,760.00
Mapping 3 days, geologist \$275.00/day	\$ 825.00
Sampling and assaying	\$1,000.00
Magnetometer and VLF-EM surveys 10 days @ \$275.00/day	\$2,750.00
Map preparation, report writing 14 days @ \$275.00/day	\$3,850.00
plus accomodations, meals and expenses	

Blackwater Lake

Washing of stripped areas 20 dyas, 2 men @ \$110.00/day	\$4,400.00
Mapping, sampling 8 days at \$275.00/day	\$2,000.00
Assaying	\$6,000.00
Line-cutting \$500.00 per line mile (9 miles)	\$4,500.00
Winter geophysics (magnetometer and VLF-EM) 50 line miles @ \$275.00/day	\$13,750.00
Geology and prospecting 14 days @ \$275.00/day	\$3,850.00
Diamond drilling 10,000 feet @ \$21.00/foot and	\$210,000.00
mob and demob, logging, splitting, assaying	\$ 17,500.00
report writing and map preparation	\$10,000.00
plus accomodation, meals and expenses	

Coral Lake

Winter geophysics (magnetometer and VLF-EM)	\$4,950.00
Diamond drilling 9,500 feet @\$21.00/foot	\$199,500.00

mob and demob, logging, splitting, assaying	\$21,800.00
report writing and map preparation	\$10,000.00
plus accomodations, meals and expenses	
Sub Total	\$518,435.00
contigencies 20%	\$103,687.00
TOTAL	\$622,122.00

REFERENCES

1. Geoterrex, 1986. Geophysical maps, magnetometer and VLF-EM on the Blackwater and Coral Lake properties.
2. Jorsco, 1963. MNR file # 63.123.
3. Kowalski, 1987. Metalore Gold Discovery, Northern Miner Magazine.
4. Terraquest, 1987. Geophysical maps, magnetometer and VLF-EM on the Beardmore property.

AUTHORS QUALIFICATIONS

I, Barbara Kowalski am a graduate with a B.Sc. in geology from McMaster University, Hamilton, Ontario in 1983. Since that time I have worked for the Economic Division of the OGS based out of Geraldton; on the Metalore gold property for 6 years; consulting geologist for Placer Dome; and presently for Harte Resources Corp.. Concurrently, I am completing my M.Sc. degree from Lakehead University, in Thunder Bay, Ontario.

FOUNDER RESOURCES INC.

690 DOG LAKE ROAD RR#14

THUNDER BAY, ONTARIO

P7B 5E5

B Kowalski

NANA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Nana, Ontario
POS 1K0

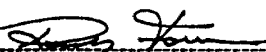
CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 001✓	1.4	4.0	3	14	0.0	0.6	0.2	31	0.003	11	n/a	<0.5	<1	1.0	0.2	<1	<2	0.8	660	90	0.1	2	188	2	3	16	5	7	2	<1	0.1
C 005✓	1.4	5.6	3	16	0.0	0.4	0.3	66	0.004	10	n/a	<0.5	<1	2.6	0.2	<1	<2	0.9	967	73	0.1	2	208	4	3	15	10	7	3	<1	0.1
C 007✓	1.4	4.0	3	11	0.0	0.4	0.3	53	0.003	10	n/a	<0.5	<1	1.4	0.2	<1	<2	0.9	697	55	0.1	2	181	2	3	18	6	10	3	<1	0.1
C 006✓	1.3	3.1	2	13	0.0	0.5	0.2	11	0.003	9	n/a	<0.5	<1	4.9	0.3	<1	<2	0.8	1007	141	0.7	2	175	6	3	19	5	11	2	<1	0.1
C 011✓	1.3	7.7	2	18	0.1	0.8	0.3	98	0.003	8	n/a	<0.5	<1	7.1	0.2	<1	<2	0.9	1086	71	0.1	2	133	23	1	19	6	11	3	<1	0.1
C 012✓	1.3	2.6	3	36	0.1	0.7	0.3	41	0.004	9	n/a	<0.5	<1	5.0	0.4	<1	<2	0.8	790	228	0.1	2	220	17	2	14	4	7	2	<1	0.1
C 013✓	1.3	5.2	1	16	0.1	0.3	0.1	26	0.003	9	n/a	<0.5	<1	2.8	0.2	<1	<2	0.7	776	66	0.1	1	132	2	3	6	12	1	1	<1	0.1
C 014✓	1.3	2.5	1	6	0.1	0.4	0.1	3	0.009	9	n/a	<0.5	<1	3.1	0.0	<1	<2	1.6	2319	913	0.1	2	84	2	1	14	28	5	2	<1	0.2
C 017✓	1.3	1.7	1	12	0.1	1.6	0.3	142	0.004	6	n/a	<0.5	<1	5.0	0.1	<1	<2	1.2	909	529	0.1	2	122	9	1	9	27	3	2	<1	0.2
C 019✓	1.4	2.3	3	14	0.1	1.2	0.3	33	0.009	5	n/a	<0.5	<1	5.2	0.0	<1	<2	1.5	1254	477	0.1	2	103	8	1	5	20	6	2	<1	0.2
C 022✓	1.4	2.3	1	12	0.1	0.5	0.7	33	0.007	7	n/a	<0.5	<1	8.8	0.1	<1	<2	1.3	904	323	0.1	2	78	10	1	11	24	5	2	<1	0.2
C 025✓	1.2	3.6	1	10	0.1	1.7	0.1	4	0.004	15	n/a	<0.5	<1	3.8	0.0	<1	<2	0.2	2230	828	0.0	4	74	2	1	21	26	12	2	<1	0.1
C 026✓	1.4	2.5	6	10	0.1	1.2	0.3	16	0.008	5	n/a	<0.5	<1	4.3	0.1	<1	<2	1.3	1351	468	0.1	1	199	12	1	6	20	5	2	<1	0.1
C 027✓	0.9	2.5	2	20	0.1	1.2	0.2	18	0.009	13	n/a	<0.5	<1	6.3	0.3	<1	<2	0.4	1068	445	0.0	2	107	8	1	12	19	7	1	<1	0.3
C 028✓	0.8	2.1	1	5	0.3	0.9	0.5	28	0.004	9	n/a	<0.5	<1	1.0	0.0	<1	<2	0.1	369	215	1.0	2	84	2	2	0	12	16	0	<1	0.1
C 030✓	1.1	2.1	1	13	0.1	1.3	0.6	77	0.005	5	n/a	<0.5	<1	4.7	0.1	<1	<2	1.1	1046	571	0.1	2	99	14	1	8	24	6	2	<1	0.2
C 031✓	1.3	1.8	2	10	0.0	1.3	0.3	30	0.002	9	n/a	<0.5	<1	2.9	0.3	<1	<2	0.6	792	77	0.1	2	164	1	3	13	16	7	1	<1	0.1
C 032✓	1.2	1.4	2	7	0.1	0.8	0.3	4	0.002	8	n/a	<0.5	<1	4.6	0.2	<1	<2	0.6	2666	84	0.2	1	127	1	3	10	12	10	1	<1	0.1
C 033✓	1.2	2.1	2	27	0.1	1.2	0.3	20	0.007	5	n/a	<0.5	<1	2.4	0.1	<1	<2	1.1	765	1129	0.1	1	139	6	1	16	24	10	3	<1	0.2
C 036✓	1.0	2.1	1	26	0.1	1.1	0.1	14	0.004	12	n/a	<0.5	<1	3.2	0.3	<1	<2	0.6	868	1279	0.1	2	180	8	1	11	18	4	1	<1	0.2
C 037✓	1.0	3.4	1	6	0.1	1.2	0.1	3	0.007	10	n/a	<0.5	<1	4.0	0.3	<1	<2	0.5	2280	997	0.1	2	98	2	1	19	21	12	1	<1	0.2
C 038✓	0.7	1.3	0	13	0.1	0.4	0.2	5	0.002	9	n/a	<0.5	<1	6.7	0.0	<1	<2	0.3	904	487	0.1	2	58	6	1	13	16	3	1	<1	0.0
C 041✓	0.9	2.5	4	10	0.1	1.6	0.0	20	0.004	8	n/a	<0.5	<1	2.0	0.0	<1	<2	0.4	829	271	0.1	3	168	2	1	13	29	8	1	<1	0.2
C 042✓	0.9	1.7	3	11	0.1	0.7	0.1	42	0.008	9	n/a	<0.5	<1	9.9	0.0	<1	<2	0.4	1118	402	0.1	2	106	28	1	13	17	9	1	<1	0.2
C 045✓	1.1	1.1	0	13	0.1	0.4	0.2	40	0.004	10	n/a	<0.5	<1	2.9	0.4	<1	<2	0.5	654	351	0.1	2	147	3	1	12	58	16	3	<1	0.1
C 046✓	1.0	1.4	2	18	0.2	0.7	0.1	125	0.002	7	n/a	<0.5	<1	4.2	0.2	<1	<2	0.4	1009	41	0.3	2	121	24	1	8	10	11	1	<1	0.1
C 049✓	1.0	1.4	2	11	0.1	0.3	0.0	89	0.002	7	n/a	<0.5	<1	5.5	0.2	<1	<2	0.4	1236	55	0.2	1	107	29	1	9	10	10	1	<1	0.1
C 050✓	0.9	1.5	2	9	0.0	1.2	0.4	16	0.004	7	n/a	<0.5	<1	1.8	0.4	<1	<2	0.3	449	318	0.1	1	106	2	1	6	20	8	1	<1	0.2
C 051✓	1.0	1.4	1	25	0.1	0.5	0.2	35	0.002	6	n/a	<0.5	<1	3.8	0.4	<1	<2	0.3	640	190	0.2	1	175	16	2	6	9	10	0	<1	0.1
C 052✓	0.7	2.1	1	8	0.0	0.7	0.2	21	0.008	11	n/a	<0.5	<1	4.7	0.1	<1	<2	0.5	982	431	0.1	3	155	20	1	17	19	8	1	<1	0.2
C 055✓	1.0	1.8	2	17	0.2	0.6	0.2	74	0.003	7	n/a	<0.5	<1	7.7	0.3	<1	<2	0.3	1187	55	0.3	1	108	26	1	11	10	13	1	<1	0.1
C 056✓	1.4	2.5	3	14	0.2	0.9	0.4	30	0.003	10	n/a	<0.5	<1	2.4	0.4	<1	<2	1.8	755	70	0.3	2	145	2	3	12	15	11	1	<1	0.2
C 057✓	0.9	2.1	4	13	0.1	3.8	0.1	20	0.002	6	n/a	<0.5	<1	6.1	0.1	<1	<2	0.4	793	154	0.1	3	97	14	1	14	27	7	1	<1	0.2
C 058✓	0.8	2.7	0	27	0.1	1.1	0.3	36	0.000	6	n/a	<0.5	<1	4.0	0.0	<1	<2	0.2	690	1040	0.1	1	118	15	1	9	14	5	1	<1	0.1
C 059✓	0.8	2.1	2	13	0.1	1.7	0.1	7	0.002	8	n/a	<0.5	<1	4.4	0.0	<1	<2	0.3	937	641	0.2	2	167	6	1	9	14	11	1	<1	0.2
C 062✓	1.1	3.4	1	6	0.1	0.6	0.3	18	0.008	7	n/a	<0.5	<1	3.0	0.1	<1	<2	0.5	873	567	0.1	1	197	17	1	7	19	11	1	<1	0.1
C 063✓	1.0	1.3	1	9	0.1	0.2	0.1	28	0.000	8	n/a	<0.5	<1	6.8	0.0	<1	<2	0.1	951	379	0.1	1	113	18	1	13	14	11	1	<1	0.1
C 064✓	1.0	2.3	2	12	0.1	0.9	0.1	2	0.004	10	n/a	<0.5	<1	2.0	0.0	<1	<2	0.3	818	665	0.1	1	92	3	1	5	12	8	1	<1	0.1
C 065✓	1.2	1.7	2	13	0.1	0.6	0.3	16	0.000	6	n/a	<0.5	<1	1.5	0.2	<1	<2	0.4	574	1190	0.1	1	114	10	1	12	16	12	1	<1	0.1
C 068✓	1.3	1.9	3	19	0.1	0.5	0.3	10	0.002	9	n/a	<0.5	<1	7.0	0.4	<1	<2	0.6	1739	129	0.4	2	233	12	2	21	12	16	2	<1	0.1
C 069✓	1.3	1.6	3	16	0.1	3.7	0.2	91	0.004	8	n/a	<0.5	<1	2.4	0.3	<1	<2	0.5	906	70	0.2	2	216	2	3	15	14	13	2	<1	0.1
C 070✓	1.1	2.5	6	26	0.0	1.7	0.3	88	0.004	10	n/a	<0.5	<1	3.4	0.3	<1	<2	0.6	2029	1451	0.1	3	199	14	1	16	21	8	1	<1	0.3
C 072✓	1.0	2.7	2	10	0.4	2.3	0.5	62	0.007	7	n/a	<0.5	<1	4.1	0.1	<1	<2	0.1	821	295	1.0	2	73	15	1	3	16	18	1	<1	0.1

Certified By: 

NANA ASSAYING INC.

CERTIFICATE OF ANALYSIS


27 Mission Road
 P.O. Box 1998
 Nana, Ontario
 P0S 1K0

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Hg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	M ppm	Be ppm
C 073	1.1	2.8	2	11	0.1	2.3	0.3	64	0.005	6	n/a	<0.5	<1	2.1	0.2	<1	<2	0.1	637	597	0.2	0	135	6	1	6	14	5	3	<1	0.1
C 073	1.1	2.1	5	13	0.1	1.9	0.1	52	0.002	12	n/a	<0.5	<1	1.9	0.4	<1	<2	0.3	518	211	0.1	2	118	3	1	5	19	7	1	<1	0.2
C 074	0.5	1.7	2	19	0.1	1.0	0.1	171	0.000	6	n/a	<0.5	<1	4.2	0.4	<1	<2	0.2	1164	1227	0.1	1	249	18	1	5	14	8	1	<1	0.1
C 075	1.0	2.1	2	13	0.1	0.8	0.0	11	0.005	10	n/a	<0.5	<1	6.3	0.5	<1	<2	0.3	2338	903	0.1	1	344	8	1	9	17	2	1	<1	0.2
C 078	0.9	1.1	1	4	0.1	0.5	0.1	53	0.000	7	n/a	<0.5	<1	2.6	0.2	<1	<2	0.5	616	365	0.1	1	124	3	1	6	15	13	1	<1	0.1
C 079	1.0	1.9	1	7	0.1	2.0	0.1	5	0.004	13	n/a	<0.5	<1	3.7	0.1	<1	<2	0.2	1251	1068	0.1	5	203	5	1	22	22	7	1	<1	0.1
C 080	0.8	1.5	1	25	0.1	0.6	0.1	79	0.004	10	n/a	<0.5	<1	3.3	0.3	<1	<2	0.1	701	1579	0.1	1	147	15	1	11	20	3	1	<1	0.2
C 083	1.2	1.4	1	10	0.1	0.1	0.2	55	0.002	7	n/a	<0.5	<1	2.2	0.2	<1	<2	0.8	658	59	0.1	1	140	2	3	8	17	0	1	<1	0.1
C 086	1.0	2.7	2	10	0.1	0.2	0.1	5	0.006	9	n/a	<0.5	<1	5.8	0.1	<1	<2	0.1	1220	1016	0.1	1	151	7	1	14	16	10	1	<1	0.1
C 087	1.3	1.9	2	13	0.1	0.5	0.2	38	0.002	10	n/a	<0.5	<1	2.4	0.2	<1	<2	0.6	702	73	0.1	2	162	2	3	17	16	2	1	<1	0.1
C 088	1.0	1.5	1	10	0.1	1.0	0.1	95	0.004	13	n/a	<0.5	<1	6.6	0.2	<1	<2	0.2	954	468	0.1	1	86	24	1	17	19	10	1	<1	0.1
C 091	1.2	2.2	3	7	0.1	2.4	0.2	21	0.006	7	n/a	<0.5	<1	2.3	0.1	<1	<2	0.1	452	457	0.3	0	103	2	1	13	15	6	0	<1	0.1
C 092	1.5	3.1	5	16	0.1	2.8	0.5	60	0.009	12	n/a	<0.5	<1	3.2	0.3	<1	<2	0.1	904	684	0.3	1	237	10	1	7	16	6	1	<1	0.1
C 094	0.4	2.1	1	7	0.1	0.8	0.0	100	0.004	4	n/a	<0.5	<1	3.8	0.0	<1	<2	0.9	840	286	0.0	1	67	19	1	8	19	15	2	<1	0.2
C 098	1.6	2.4	7	19	0.1	2.4	0.5	18	0.007	10	n/a	<0.5	<1	2.6	0.4	<1	<2	0.1	466	682	0.3	1	178	9	1	9	17	7	1	<1	0.1
C 099	1.2	3.2	4	7	0.1	2.7	0.5	44	0.005	9	n/a	<0.5	<1	3.7	0.1	<1	<2	0.1	549	378	0.4	1	81	16	1	13	234	7	1	<1	0.1
C 102	0.8	1.1	1	9	0.1	0.4	0.3	4	0.004	4	n/a	<0.5	<1	0.9	0.1	<1	<2	0.1	394	192	0.1	1	84	1	1	1	10	5	1	<1	0.0
C 103	1.3	1.3	1	11	0.1	0.7	0.3	18	0.009	9	n/a	<0.5	<1	7.5	0.1	<1	<2	0.3	946	379	0.1	1	81	17	1	6	14	9	1	<1	0.1
C 104	0.9	1.3	1	14	0.1	0.0	0.1	19	0.005	6	n/a	<0.5	<1	2.8	0.1	<1	<2	0.2	923	41	0.1	1	210	14	2	3	44	7	1	<1	0.1
C 107	0.8	1.3	3	15	0.1	0.0	0.3	33	0.008	8	n/a	<0.5	<1	5.0	0.0	<1	<2	0.0	965	454	0.1	1	110	13	1	7	13	8	1	<1	0.1
C 108	0.7	1.7	1	5	0.1	0.3	0.1	32	0.004	4	n/a	<0.5	<1	14.1	0.1	<1	<2	0.3	779	356	0.1	2	284	23	1	4	12	8	1	<1	0.0
C 111	1.3	1.7	1	12	0.1	1.8	0.4	39	0.006	5	n/a	<0.5	<1	2.7	0.2	<1	<2	0.6	585	342	0.1	1	132	5	1	11	18	4	1	<1	0.1
C 112	1.5	2.3	2	14	0.1	1.9	0.2	147	0.007	9	n/a	<0.5	<1	4.2	0.1	<1	<2	0.9	906	586	0.1	1	133	26	1	11	16	3	0	<1	0.2
C 113	1.3	2.9	3	20	0.1	1.5	0.3	16	0.004	9	n/a	<0.5	<1	13.4	0.5	<1	<2	0.6	1814	120	0.0	3	360	22	1	16	14	11	2	<1	0.1
C 117	1.1	2.1	1	11	0.1	0.8	0.1	12	0.009	8	n/a	<0.5	<1	1.1	0.1	<1	<2	0.8	474	314	0.2	1	128	2	1	3	12	3	0	<1	0.2
C 118	1.4	2.2	3	28	0.1	0.5	0.2	8	0.003	9	n/a	<0.5	<1	11.0	0.4	<1	<2	0.6	2640	197	0.3	2	251	14	2	21	15	11	2	<1	0.1
C 121	1.4	1.3	2	14	0.1	0.3	0.0	54	0.003	10	n/a	<0.5	<1	2.6	0.3	<1	<2	0.5	964	88	0.1	1	175	6	3	17	22	7	2	<1	0.1
C 122	1.2	1.3	3	18	0.0	0.1	0.0	128	0.002	9	n/a	<0.5	<1	5.4	0.2	<1	<2	0.5	1432	70	0.1	1	120	48	-1	18	12	10	2	<1	0.1
C 125	1.0	1.4	2	22	0.0	0.1	0.0	131	0.003	7	n/a	<0.5	<1	5.9	0.2	<1	<2	0.4	1241	70	0.1	1	149	28	1	15	10	7	1	<1	0.1
C 126	1.2	1.9	2	16	0.0	0.2	0.0	53	0.005	9	n/a	<0.5	<1	3.5	0.3	<1	<2	0.3	958	74	0.1	2	200	4	3	13	21	7	1	<1	0.1
C 127	1.3	2.5	2	22	0.0	0.1	0.2	17	0.004	7	n/a	<0.5	<1	8.5	0.3	<1	<2	0.5	1810	91	0.3	1	395	12	2	3	13	7	1	<1	0.1
C 130	1.3	1.1	3	11	0.0	0.2	0.3	44	0.005	8	n/a	<0.5	<1	2.9	0.3	<1	<2	0.3	667	59	0.1	1	151	2	3	8	11	7	1	<1	0.1
C 131	1.3	2.1	1	12	0.1	1.4	0.5	115	0.001	4	n/a	<0.5	<1	3.5	0.1	<1	<2	0.8	759	356	0.3	1	65	14	1	0	11	4	0	<1	0.3
C 132	1.3	1.4	3	14	0.0	0.1	0.3	11	0.002	7	n/a	<0.5	<1	6.0	0.3	<1	<2	0.3	1724	112	0.5	1	251	7	3	8	10	10	1	<1	0.1
C 135	1.2	1.7	1	14	0.1	0.8	0.4	18	0.001	6	n/a	<0.5	<1	9.0	0.1	<1	<2	0.9	1284	421	0.0	1	104	10	1	11	15	7	1	<1	0.2
C 136	1.3	1.4	2	7	0.0	0.3	0.3	54	0.002	7	n/a	<0.5	<1	24.2	0.2	<1	<2	0.2	1004	78	0.2	1	254	14	2	6	8	10	1	<1	0.1
C 137	1.2	1.6	3	6	0.1	1.4	0.4	4	0.002	7	n/a	<0.5	<1	5.0	0.3	<1	<2	0.5	1132	62	0.3	2	98	1	3	8	10	13	2	<1	0.1
C 140	1.3	1.1	3	11	0.3	0.7	0.6	25	0.001	6	n/a	<0.5	<1	2.0	0.3	<1	<2	0.3	510	54	0.5	2	148	1	3	3	11	16	1	<1	0.1
C 141	1.2	1.5	2	5	0.1	3.0	0.0	46	0.007	6	n/a	<0.5	<1	4.0	0.1	<1	<2	0.8	804	295	0.1	3	70	15	1	10	24	8	1	<1	0.1
C 142	1.4	2.5	4	16	0.1	1.7	0.5	13	0.007	6	n/a	<0.5	<1	7.4	0.1	<1	<2	0.7	1576	1039	0.3	1	364	7	1	10	17	12	1	<1	0.2
C 145	1.8	1.7	3	9	0.1	1.1	0.3	20	0.009	7	n/a	<0.5	<1	2.8	0.2	<1	<2	0.7	549	403	0.1	1	96	2	1	3	18	3	0	<1	0.2
C 146	1.6	2.3	3	12	0.1	0.6	0.1	90	0.009	10	n/a	<0.5	<1	4.6	0.2	<1	<2	1.1	998	384	0.0	2	104	15	1	11	13	7	1	<1	0.3
C 147	1.1	2.5	3	16	0.1	2.5	0.1	9	0.005	7	n/a	<0.5	<1	7.3	0.1	<1	<2	0.7	901	918	0.1	7	127	7	1	17	32	8	1	<1	0.0

Certified By: 

WAWA ASSAYING INC.

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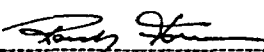
CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	As	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Hg	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	Si	M	Be
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	l	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C 150✓	1.0	0.4	1	7	0.1	0.4	0.0	57	0.001	6	n/a	<0.5	<1	2.6	0.3	<1	<2	0.4	679	253	0.1	1	109	3	1	16	22	13	2	<1	0.1
C 153✓	0.8	0.6	1	7	0.1	0.1	0.2	69	0.003	4	n/a	<0.5	<1	2.5	0.4	<1	<2	0.4	563	393	0.1	0	117	3	1	4	18	5	1	<1	0.1
C 156✓	0.5	1.7	2	13	0.1	0.8	0.1	89	0.007	7	n/a	<0.5	<1	3.0	0.2	<1	<2	0.4	563	253	0.1	2	169	3	1	9	19	12	1	<1	0.1
C 157✓	1.2	2.5	2	19	0.1	1.2	0.1	17	0.001	5	n/a	<0.5	<1	9.6	0.1	<1	<2	1.0	1473	974	0.6	2	283	15	1	18	22	20	2	<1	0.3
C 160✓	0.4	2.1	1	7	0.1	0.2	0.2	20	0.006	3	n/a	<0.5	<1	2.3	0.2	<1	<2	0.8	596	215	0.1	1	109	4	1	0	19	8	1	<1	0.1
C 161✓	0.7	2.3	2	15	0.1	0.5	0.2	96	0.009	5	n/a	<0.5	<1	4.2	0.3	<1	<2	0.7	948	412	0.1	2	106	26	1	9	19	12	2	<1	0.1
C 165✓	1.2	2.6	4	10	0.0	0.3	0.6	43	0.003	8	n/a	<0.5	<1	4.0	0.4	<1	<2	0.7	577	169	0.1	1	119	4	1	3	12	7	4	<1	0.2
C 166✓	1.0	1.4	2	10	0.0	0.1	0.2	116	0.002	8	n/a	<0.5	<1	6.0	0.1	<1	<2	0.2	1148	100	0.1	0	95	25	1	5	10	10	4	<1	0.1
C 169✓	1.0	1.4	3	30	0.0	0.0	0.1	172	0.001	7	n/a	<0.5	<1	3.4	0.2	<1	<2	0.1	887	136	0.1	1	228	22	1	4	10	11	4	<1	0.1
C 170✓	1.3	1.8	1	12	0.1	0.3	0.1	72	0.002	8	n/a	<0.5	<1	2.2	0.1	<1	<2	1.0	535	57	0.1	1	157	2	3	5	8	1	1	<1	0.1
C 171✓	1.0	1.4	3	12	0.1	0.9	0.1	167	0.002	8	n/a	<0.5	<1	5.9	0.1	<1	<2	0.1	1148	65	0.0	2	136	34	1	6	9	10	4	<1	0.1
C 174✓	1.5	1.4	4	12	0.2	0.5	0.6	24	0.002	10	n/a	<0.5	<1	1.4	0.3	<1	<2	0.3	714	81	0.3	2	200	1	3	9	12	13	2	<1	0.1
C 175✓	1.2	1.0	2	10	0.1	0.0	0.1	31	0.002	8	n/a	<0.5	<1	5.5	0.1	<1	<2	0.7	1148	65	0.1	1	71	17	2	11	6	5	2	<1	0.1
C 176✓	1.2	1.4	3	25	0.1	0.3	0.0	104	0.003	8	n/a	<0.5	<1	2.6	0.2	<1	<2	0.6	937	170	0.1	2	185	17	2	9	12	5	2	<1	0.1
C 177✓	0.9	1.2	2	14	0.1	0.8	0.2	119	0.003	7	n/a	<0.5	<1	4.7	0.1	<1	<2	0.1	978	54	0.1	2	98	32	1	6	9	13	4	<1	0.1
C 180✓	1.0	1.0	2	19	0.0	1.2	0.2	52	0.003	8	n/a	<0.5	<1	6.0	0.1	<1	<2	0.1	1087	53	0.1	2	110	14	2	9	9	13	4	<1	0.1
C 183✓	1.3	1.1	2	12	0.1	0.0	0.1	18	0.002	10	n/a	<0.5	<1	1.8	0.2	<1	<2	0.5	988	58	0.1	2	208	1	3	13	13	7	2	<1	0.1
C 184✓	1.2	1.0	2	16	0.1	0.4	0.1	41	0.004	8	n/a	<0.5	<1	6.1	0.1	<1	<2	0.5	1268	48	0.1	2	142	16	2	10	8	7	1	<1	0.1
C 185✓	1.2	1.7	2	22	0.1	0.1	0.0	12	0.002	9	n/a	<0.5	<1	5.6	0.3	<1	<2	0.5	1697	104	0.0	2	484	8	2	16	12	13	2	<1	0.1
C 186✓	1.0	0.8	2	11	0.0	0.1	0.1	18	0.002	8	n/a	<0.5	<1	2.0	0.2	<1	<2	0.1	702	45	0.1	1	172	4	3	9	12	13	4	<1	0.1
C 189✓	1.5	1.8	3	12	0.1	0.6	0.4	11	0.002	10	n/a	<0.5	<1	7.8	0.3	<1	<2	0.6	2650	135	0.6	2	462	8	2	16	13	20	2	<1	0.1
C 190✓	1.0	1.1	3	10	0.1	0.4	0.1	58	0.003	7	n/a	<0.5	<1	4.3	0.1	<1	<2	0.2	833	54	0.1	2	97	20	2	4	11	13	4	<1	0.1
C 193✓	1.4	1.3	4	11	0.0	0.4	0.3	30	0.003	10	n/a	<0.5	<1	3.6	0.3	<1	<2	0.6	874	62	0.2	2	161	2	3	13	17	13	2	<1	0.1
C 194✓	1.0	1.0	2	11	0.1	0.1	0.2	64	0.002	8	n/a	<0.5	<1	4.9	0.1	<1	<2	0.1	983	53	0.1	2	88	14	2	6	9	13	4	<1	0.1
C 195✓	1.3	2.2	3	24	0.0	0.3	0.3	10	0.002	10	n/a	<0.5	<1	10.0	0.4	<1	<2	0.6	2422	127	0.4	2	326	12	2	11	13	13	2	<1	0.1
C 198✓	1.4	1.4	3	10	0.0	0.2	0.1	11	0.002	10	n/a	<0.5	<1	1.1	0.3	<1	<2	0.6	898	83	0.0	2	206	1	3	11	10	10	2	<1	0.1
C 199✓	1.2	0.8	1	12	0.0	0.1	0.1	71	0.002	9	n/a	<0.5	<1	4.0	0.1	<1	<2	0.5	1097	59	0.1	1	120	13	2	11	8	2	0	<1	0.1
C 200✓	1.2	1.4	3	13	0.0	0.0	0.1	5	0.002	9	n/a	<0.5	<1	4.4	0.3	<1	<2	0.5	1363	107	0.2	1	208	6	2	13	9	11	0	<1	0.1
C 203✓	1.2	1.2	3	16	0.1	0.1	0.2	10	0.003	9	n/a	<0.5	<1	4.3	0.3	<1	<2	0.4	1384	121	0.2	1	178	7	2	15	10	13	1	<1	0.1
C 204✓	1.4	1.4	3	11	0.0	1.2	0.3	44	0.003	11	n/a	<0.5	<1	1.8	0.2	<1	<2	0.1	620	53	0.1	2	149	4	3	11	21	16	5	<1	0.0
C 205✓	0.9	0.6	1	6	0.1	0.1	0.1	144	0.001	7	n/a	<0.5	<1	3.5	0.1	<1	<2	0.7	832	41	0.1	0	97	19	2	1	5	0	1	<1	0.1
C 208✓	1.4	1.2	2	10	0.0	0.3	0.2	35	0.004	10	n/a	<0.5	<1	3.2	0.3	<1	<2	0.2	744	53	0.2	2	166	2	3	14	13	13	1	<1	0.1
C 209✓	1.2	1.1	2	10	0.1	0.2	0.0	102	0.006	8	n/a	<0.5	<1	4.6	0.2	<1	<2	0.3	1110	49	0.1	2	102	13	2	9	9	11	0	<1	0.1
C 212✓	1.3	0.6	2	6	0.0	0.1	0.0	29	0.003	9	n/a	<0.5	<1	7.2	0.2	<1	<2	0.1	652	63	0.1	2	175	10	2	5	5	5	0	<1	0.0
C 213✓	1.0	0.7	2	18	0.0	0.0	0.2	97	0.001	7	n/a	<0.5	<1	3.4	0.1	<1	<2	0.4	1072	50	0.0	1	122	16	2	11	8	10	1	<1	0.1
C 214✓	1.2	1.3	2	16	0.1	2.9	0.2	17	0.005	7	n/a	<0.5	<1	1.2	0.1	<1	<2	0.3	763	45	0.1	5	200	1	3	4	17	7	1	<1	0.1
C 217✓	1.3	0.6	2	7	0.0	0.2	0.2	52	0.003	9	n/a	<0.5	<1	14.4	0.2	<1	<2	0.2	904	55	0.2	2	320	12	2	14	8	13	0	<1	0.1
C 218✓	1.4	0.6	3	18	0.0	0.0	0.0	56	0.005	11	n/a	<0.5	<1	7.0	0.2	<1	<2	0.2	1316	59	0.1	2	145	11	2	10	8	11	1	<1	0.1
C 221✓	0.9	0.8	1	4	0.1	0.1	0.1	10	0.001	6	n/a	<0.5	<1	2.8	0.1	<1	<2	0.2	1404	46	0.0	1	91	1	3	3	7	10	1	<1	0.1
C 222✓	1.4	1.1	2	6	0.0	0.2	0.1	101	0.003	10	n/a	<0.5	<1	19.9	0.2	<1	<2	0.4	824	67	0.2	2	236	17	2	14	8	11	1	<1	0.1
C 225✓	1.0	1.3	1	10	0.1	0.1	0.1	8	0.002	9	n/a	<0.5	<1	6.6	0.2	<1	<2	0.8	1290	129	0.0	1	185	10	2	9	7	2	1	<1	0.1
C 226✓	1.4	0.6	2	8	0.1	0.2	0.0	62	0.001	13	n/a	<0.5	<1	1.8	0.2	<1	<2	0.4	774	81	0.1	1	144	1	3	11	8	5	1	<1	0.1
C 227✓	1.2	1.0	3	25	0.0	0.3	0.2	79	0.001	9	n/a	<0.5	<1	3.7	0.2	<1	<2	0.5	776	177	0.0	1	142	23	1	11	5	13	1	<1	0.1

Certified By: 

WAWA ASSAYING INC.

127 Mission Road
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Wawa, Ontario
POS 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 230✓	1.4	1.3	3	11	0.0	0.8	0.2	37	0.002	13	n/a	<0.5	<1	2.0	0.2	<1	<2	0.3	631	104	0.1	2	108	2	3	17	8	10	1	<1	0.1
C 231✓	1.2	1.1	2	12	0.0	0.2	0.3	13	0.001	9	n/a	<0.5	<1	5.9	0.3	<1	<2	0.5	1280	170	0.5	1	144	11	2	18	8	18	2	<1	0.1
C 234✓	1.2	1.0	2	8	0.1	0.1	0.2	36	0.002	10	n/a	<0.5	<1	2.8	0.1	<1	<2	0.0	634	42	0.0	1	148	4	3	3	11	7	2	<1	0.0
C 235✓	1.2	1.3	3	12	0.2	0.6	0.4	14	0.003	9	n/a	<0.5	<1	4.7	0.2	<1	<2	0.2	1435	106	0.4	2	266	7	3	7	11	13	1	<1	0.1
C 236✓	1.0	1.1	3	11	0.2	0.2	0.3	136	0.001	8	n/a	<0.5	<1	4.3	0.2	<1	<2	0.3	1092	91	0.3	2	88	24	1	12	8	18	1	<1	0.1
C 237✓	1.2	1.1	3	16	0.2	0.5	0.4	43	0.002	8	n/a	<0.5	<1	3.0	0.3	<1	<2	0.3	670	165	0.4	1	181	13	2	3	6	11	1	<1	0.1
C 240✓	1.0	0.7	2	12	0.0	0.1	0.1	41	0.001	9	n/a	<0.5	<1	1.2	0.3	<1	<2	0.4	730	67	0.2	2	215	1	3	13	7	16	1	<1	0.1
C 241✓	1.0	1.1	2	16	0.2	0.1	0.3	149	0.002	8	n/a	<0.5	<1	5.8	0.2	<1	<2	0.3	1974	73	0.3	2	398	52	1	13	9	18	1	<1	0.1
C 243✓	1.3	1.1	4	28	0.2	0.6	0.4	44	0.001	9	n/a	<0.5	<1	1.9	0.3	<1	<2	0.4	694	153	0.3	1	161	10	2	4	10	11	2	<1	0.1
C 246✓	1.2	0.6	2	4	0.2	1.8	0.4	6	0.002	9	n/a	<0.5	<1	4.2	0.2	<1	<2	0.3	2460	74	0.3	5	104	2	3	10	10	18	1	<1	0.1
C 247✓	1.2	0.6	3	22	0.2	0.5	0.3	30	0.005	9	n/a	<0.5	<1	10.8	0.3	<1	<2	0.4	1324	63	0.3	2	131	17	2	10	6	16	1	<1	0.1
C 250✓	1.1	1.9	4	12	0.1	0.8	0.5	36	0.007	6	n/a	<0.5	<1	1.9	0.1	<1	<2	0.6	677	435	0.1	1	138	2	1	12	21	11	1	<1	0.3
C 251✓	1.6	2.3	4	12	0.1	2.3	0.4	7	0.009	6	n/a	<0.5	<1	4.6	0.0	<1	<2	1.0	1026	895	1.0	2	153	6	1	15	26	8	2	<1	0.2
C 254✓	1.2	1.8	3	6	0.1	2.2	0.3	11	0.002	9	n/a	<0.5	<1	2.7	0.1	<1	<2	0.3	411	389	0.2	1	82	2	2	3	14	2	1	<1	0.1
C 255✓	1.5	1.9	0	11	0.1	0.9	0.4	92	0.002	5	n/a	<0.5	<1	5.2	0.0	<1	<2	0.6	834	379	0.1	1	76	20	1	16	23	7	2	<1	0.2
C 258✓	0.7	1.7	4	14	0.1	0.6	0.9	33	0.006	3	n/a	<0.5	<1	0.9	0.1	<1	<2	0.4	513	450	0.1	1	134	1	1	5	23	11	2	<1	0.2
C 259✓	1.2	3.4	4	22	0.1	2.2	0.8	10	0.007	3	n/a	<0.5	<1	3.9	0.0	<1	<2	0.8	1207	923	0.4	2	158	5	1	9	26	14	1	<1	0.2
C 260✓	1.1	2.1	3	14	0.1	0.8	0.7	72	0.006	5	n/a	<0.5	<1	2.1	0.1	<1	<2	0.8	510	951	0.2	2	116	11	1	11	18	11	1	<1	0.2
C 264✓	1.5	1.5	3	9	0.1	0.8	0.2	29	0.000	5	n/a	<0.5	<1	1.2	0.1	<1	<2	0.7	438	337	0.1	2	115	1	1	6	19	2	1	<1	0.2
C 265✓	1.2	1.4	1	5	0.1	4.3	0.3	66	0.002	10	n/a	<0.5	<1	5.6	0.1	<1	<2	0.1	694	496	0.2	0	97	18	1	9	11	5	1	<1	0.1
C 266✓	1.6	1.5	3	18	0.1	1.6	0.4	86	0.000	4	n/a	<0.5	<1	2.9	0.0	<1	<2	0.5	621	1129	0.0	1	143	17	1	15	17	10	1	<1	0.2
C 267✓	1.1	2.1	2	14	0.1	1.9	0.4	136	0.004	3	n/a	<0.5	<1	3.7	0.2	<1	<2	0.7	920	131	0.1	4	136	19	1	4	27	13	1	<1	0.2
C 270✓	0.9	1.5	2	10	0.1	2.1	0.1	108	0.002	3	n/a	<0.5	<1	3.1	0.1	<1	<2	0.8	926	248	0.1	1	93	11	1	4	18	5	1	<1	0.2
C 271✓	1.1	1.6	2	6	0.1	2.9	0.4	24	0.004	9	n/a	<0.5	<1	3.7	0.2	<1	<2	0.2	400	294	0.3	0	117	1	2	8	12	6	2	<1	0.1
C 272✓	1.4	1.2	4	7	0.2	0.6	0.5	8	0.003	8	n/a	<0.5	<1	4.9	0.4	<1	<2	0.4	1466	87	1.2	2	251	6	3	8	11	13	2	<1	0.1
C 275✓	0.8	1.3	1	4	0.1	1.0	0.1	69	0.002	2	n/a	<0.5	<1	4.0	0.1	<1	<2	0.5	885	126	0.1	2	91	16	1	8	23	12	1	<1	0.1
C 276✓	0.4	1.1	1	4	0.1	1.4	0.3	29	0.009	1	n/a	<0.5	<1	1.7	0.0	<1	<2	0.4	555	103	0.1	1	121	2	2	4	27	9	1	<1	0.1
C 277✓	0.6	1.7	1	6	0.1	1.3	0.1	5	0.002	3	n/a	<0.5	<1	5.3	0.1	<1	<2	0.5	1600	782	0.1	2	203	5	1	15	37	11	1	<1	0.1
C 280✓	0.5	2.3	1	9	0.1	1.7	0.1	7	0.002	2	n/a	<0.5	<1	4.2	0.1	<1	<2	0.6	1667	838	0.0	2	222	4	1	3	28	14	1	<1	0.1
C 284✓	1.6	1.5	1	9	0.0	1.2	0.1	6	0.004	4	n/a	<0.5	<1	3.8	0.2	<1	<2	0.5	1193	777	0.0	4	168	6	1	3	21	11	1	<1	0.1
C 285✓	0.5	0.6	1	2	0.1	0.9	0.1	48	0.008	1	n/a	<0.5	<1	1.5	0.1	<1	<2	0.4	660	117	0.1	1	127	2	1	5	25	8	1	<1	0.0
C 286✓	0.3	1.1	2	9	0.1	2.0	0.1	39	0.009	1	n/a	<0.5	<1	1.8	0.1	<1	<2	0.4	638	164	0.1	3	99	2	1	6	31	10	1	<1	0.1
C 288✓	0.9	1.8	2	7	0.0	5.3	0.5	51	0.005	6	n/a	<0.5	<1	1.5	0.0	<1	<2	0.1	735	541	0.2	7	105	18	1	9	4	8	1	<1	0.1
C 289✓	0.7	3.8	2	14	0.1	0.3	0.1	8	0.008	4	n/a	<0.5	<1	4.1	0.6	<1	<2	0.7	1215	693	0.1	1	151	5	1	5	19	13	2	<1	0.2
C 290✓	0.7	0.6	1	6	0.1	1.1	0.1	98	0.000	1	n/a	<0.5	<1	4.6	0.1	<1	<2	0.3	815	201	0.1	1	98	20	1	8	20	8	1	<1	0.1
C 291✓	1.6	1.4	5	8	0.4	0.6	0.7	76	0.008	9	n/a	<0.5	<1	1.7	0.5	<1	<2	0.5	797	63	0.5	2	157	2	3	9	13	18	2	<1	0.1
C 294✓	1.4	1.3	4	13	0.3	0.6	0.6	154	0.002	8	n/a	<0.5	<1	10.0	0.3	<1	<2	0.4	971	54	0.5	2	155	35	1	4	10	13	2	<1	0.1
C 295✓	0.5	0.6	1	6	0.1	1.4	0.0	37	0.009	4	n/a	<0.5	<1	1.7	0.0	<1	<2	0.4	557	244	0.2	2	113	2	3	1	26	9	1	<1	0.1
C 297✓	1.3	0.8	2	7	0.1	0.5	0.3	25	0.001	9	n/a	<0.5	<1	2.5	0.3	<1	<2	0.4	740	58	0.0	2	136	2	3	3	11	0	2	<1	0.1
C 302✓	1.3	0.6	3	22	0.1	0.6	0.4	42	0.005	7	n/a	<0.5	<1	6.9	0.2	<1	<2	0.3	1238	48	0.2	2	108	17	2	6	8	7	2	<1	0.1
C 303✓	1.2	0.7	3	5	0.0	3.0	0.5	8	0.002	7	n/a	<0.5	<1	3.5	0.2	<1	<2	0.4	1850	77	0.2	3	114	2	3	6	8	7	2	<1	0.1
C 306✓	1.0	0.8	2	19	0.1	0.6	0.4	106	0.001	6	n/a	<0.5	<1	4.6	0.2	<1	<2	0.3	1016	48	0.1	1	149	24	1	9	8	10	2	<1	0.1
C 307✓	0.5	2.5	0	9	0.1	2.9	0.5	19	0.009	4	n/a	<0.5	<1	2.3	0.2	<1	<2	1.3	530	342	0.1	5	135	2	1	9	24	14	2	<1	0.2

Certified By:

[Signature]

MAWA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Mawa, Ontario
POS 1K0


CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 310✓	1.2	1.1	1	7	0.1	0.1	0.2	17	0.001	7	n/a	<0.5	<1	1.1	0.2	<1	<2	0.2	619	54	0.0	1	128	1	3	9	10	7	2	<1	0.1
C 311✓	1.2	0.7	2	12	0.0	0.2	0.2	83	0.001	7	n/a	<0.5	<1	3.1	0.2	<1	<2	0.4	1132	63	0.1	1	128	13	2	6	10	7	2	<1	0.1
C 312✓	1.3	3.1	4	8	0.1	2.6	0.6	-6	0.000	10	n/a	<0.5	<1	8.0	0.1	<1	<2	0.3	2707	1125	0.1	1	226	6	1	10	15	9	1	<1	0.1
C 315✓	0.5	1.3	1	4	0.0	1.5	0.3	27	0.000	7	n/a	<0.5	<1	3.0	0.1	<1	<2	0.3	610	290	0.4	2	150	2	1	8	26	19	1	<1	0.1
C 316✓	1.0	1.1	2	11	0.1	0.1	0.2	149	0.004	6	n/a	<0.5	<1	5.6	0.2	<1	<2	0.3	1087	50	0.1	1	97	23	1	11	11	11	2	<1	0.1
C 317✓	1.0	2.8	1	13	0.0	1.3	0.4	13	0.002	7	n/a	<0.5	<1	8.0	0.2	<1	<2	0.5	1051	90	0.5	2	288	11	2	8	11	10	2	<1	0.1
C 327✓	1.4	1.9	1	15	0.1	1.4	0.1	66	0.001	6	n/a	<0.5	<1	1.7	0.2	<1	<2	0.6	846	487	0.1	3	151	3	1	15	29	16	1	<1	0.2
C 328✓	0.2	1.3	1	12	0.1	0.8	0.1	124	0.002	7	n/a	<0.5	<1	6.0	0.3	<1	<2	0.3	1009	412	0.1	2	94	29	1	8	23	12	1	<1	0.1
C 331✓	1.2	1.9	3	12	0.1	1.3	0.8	75	0.001	5	n/a	<0.5	<1	4.2	0.1	<1	<2	0.3	773	496	0.1	2	110	18	1	14	18	14	1	<1	0.1
C 334✓	1.1	2.1	1	13	0.1	1.5	0.1	32	0.001	4	n/a	<0.5	<1	2.7	0.2	<1	<2	0.1	524	281	0.1	2	119	2	1	8	16	13	1	<1	0.1
C 337✓	0.7	2.1	2	10	0.1	1.9	0.1	49	0.008	2	n/a	<0.5	<1	2.7	0.3	<1	<2	0.3	610	272	0.2	2	138	3	1	2	36	13	1	<1	0.1
C 341✓	0.5	1.5	2	12	0.1	1.1	0.1	62	0.002	3	n/a	<0.5	<1	2.4	0.4	<1	<2	0.5	549	267	0.2	2	153	2	2	8	24	16	1	<1	0.2
C 342✓	1.2	1.0	2	13	0.3	0.4	0.4	103	0.005	9	n/a	<0.5	<1	3.4	0.2	<1	<2	0.3	1021	51	0.4	1	94	13	2	5	6	11	1	<1	0.1
C 345✓	0.9	2.1	1	11	0.1	1.3	0.0	20	0.001	3	n/a	<0.5	<1	2.3	0.2	<1	<2	0.2	541	342	0.1	3	141	2	1	9	22	17	1	<1	0.1
C 346✓	0.5	0.8	0	6	0.1	1.0	0.1	36	0.000	3	n/a	<0.5	<1	1.1	0.2	<1	<2	0.3	480	164	0.0	1	107	1	3	2	26	9	1	<1	0.1
C 347✓	0.5	1.7	1	10	0.1	0.2	0.1	10	0.004	7	n/a	<0.5	<1	2.9	0.0	<1	<2	0.2	987	571	0.2	2	185	4	1	10	26	18	1	<1	0.1
C 348✓	0.5	2.5	3	14	0.1	1.2	0.2	134	0.001	3	n/a	<0.5	<1	4.6	0.2	<1	<2	0.4	984	515	0.1	3	84	23	1	12	23	21	2	<1	0.2
C 351✓	1.3	2.3	2	13	0.1	1.2	0.0	97	0.001	1	n/a	<0.5	<1	5.7	0.0	<1	<2	0.1	912	220	0.1	2	98	24	1	8	18	18	2	<1	0.2
C 352✓	0.4	1.5	0	11	0.1	0.8	0.3	11	0.002	5	n/a	<0.5	<1	2.8	0.1	<1	<2	0.7	954	632	0.4	2	183	4	1	10	31	23	1	<1	0.1
C 353✓	0.6	0.8	3	12	0.1	1.0	0.3	78	0.005	2	n/a	<0.5	<1	10.2	0.1	<1	<2	0.9	915	426	0.1	1	95	26	2	7	12	7	1	<1	0.2
C 354✓	0.8	0.8	5	26	0.1	1.2	0.2	74	0.004	4	n/a	<0.5	<1	1.9	0.1	<1	<2	0.1	452	1255	0.1	2	113	11	1	19	12	15	1	<1	0.1
C 357✓	1.0	1.5	2	18	0.1	1.2	0.0	32	0.004	2	n/a	<0.5	<1	4.9	0.1	<1	<2	0.1	1257	328	0.0	4	105	8	1	5	16	14	1	<1	0.1
C 358✓	0.5	1.7	4	13	0.1	1.1	0.0	51	0.004	1	n/a	<0.5	<1	3.8	0.0	<1	<2	0.1	1304	449	0.1	2	112	7	1	7	15	13	1	<1	0.1
C 360✓	1.0	2.7	2	10	0.1	2.2	0.0	42	0.001	1	n/a	<0.5	<1	1.6	0.1	<1	<2	0.0	590	304	0.1	3	143	3	1	9	22	18	1	<1	0.1
C 361✓	0.5	2.5	2	14	0.1	1.0	0.5	41	0.001	1	n/a	<0.5	<1	4.8	0.0	<1	<2	0.5	1093	196	0.1	2	81	21	1	8	25	24	1	<1	0.2
C 362✓	0.8	1.9	2	16	0.1	1.2	0.1	11	0.002	2	n/a	<0.5	<1	5.3	0.3	<1	<2	0.2	1490	529	0.2	2	312	8	1	7	26	18	1	<1	0.1
C 365✓	0.3	0.6	1	7	0.1	0.7	0.1	45	0.002	3	n/a	<0.5	<1	2.6	0.1	<1	<2	0.4	577	169	0.1	1	150	2	1	3	19	9	1	<1	0.1
C 366✓	0.9	3.2	2	22	0.3	0.3	0.1	8	0.007	10	n/a	<0.5	<1	5.1	0.3	<1	<2	0.3	1686	660	0.1	2	257	8	1	9	23	9	1	<1	0.1
C 369✓	1.2	1.5	2	9	0.1	1.2	0.0	45	0.006	3	n/a	<0.5	<1	1.3	0.0	<1	<2	0.7	502	309	0.1	3	179	2	1	6	28	11	1	<1	0.2
C 370✓	0.7	1.3	2	17	0.1	0.5	0.2	150	0.007	6	n/a	<0.5	<1	5.6	0.0	<1	<2	0.4	934	224	0.1	1	109	20	1	5	15	5	0	<1	0.2
C 373✓	0.7	2.5	1	12	0.2	1.1	0.1	37	0.007	5	n/a	<0.5	<1	2.4	0.0	<1	<2	0.2	582	313	0.1	2	127	2	1	11	22	13	1	<1	0.2
C 374✓	1.0	1.7	1	8	0.1	0.2	0.1	96	0.002	5	n/a	<0.5	<1	4.9	0.1	<1	<2	0.5	884	304	0.1	1	82	24	1	8	23	3	1	<1	0.1
C 377✓	0.8	0.6	2	12	0.1	0.6	0.1	131	0.000	4	n/a	<0.5	<1	4.1	0.1	<1	<2	0.1	1148	393	0.1	2	99	10	1	7	21	6	1	<1	0.1
C 378✓	0.9	1.1	1	12	0.1	1.3	0.4	45	0.004	4	n/a	<0.5	<1	5.2	0.1	<1	<2	0.0	796	159	0.0	2	91	12	1	3	18	7	1	<1	0.1
C 379✓	1.0	1.3	1	8	0.1	1.5	0.6	3	0.002	6	n/a	<0.5	<1	2.9	0.1	<1	<2	0.3	1456	496	0.1	3	85	2	1	10	24	14	1	<1	0.1
C 380✓	1.0	2.3	3	5	0.2	2.2	1.2	3	0.007	3	n/a	<0.5	<1	3.0	0.1	<1	<2	0.8	1906	478	0.6	5	84	2	1	4	25	18	1	<1	0.2
C 381✓	0.5	1.7	2	22	0.0	1.6	0.0	37	0.002	3	n/a	<0.5	<1	6.0	0.1	<1	<2	0.3	1187	225	0.5	1	136	13	1	6	22	24	1	<1	0.1
C 382✓	0.3	1.1	3	9	0.1	1.2	0.5	20	0.000	2	n/a	<0.5	<1	2.9	0.0	<1	<2	0.2	1337	197	0.5	1	168	12	1	12	23	25	1	<1	0.1
C 390✓	1.1	1.7	2	13	0.1	1.1	0.4	49	0.007	8	n/a	<0.5	<1	1.7	0.1	<1	<2	0.8	577	304	0.1	2	173	2	1	6	19	13	0	<1	0.2
C 391✓	0.9	2.5	2	12	0.3	1.0	0.3	117	0.008	4	n/a	<0.5	<1	4.3	0.0	<1	<2	0.1	931	538	0.6	2	118	29	1	11	20	21	1	<1	0.2
C 394✓	1.0	3.0	3	18	0.3	1.8	0.5	134	0.005	6	n/a	<0.5	<1	6.6	0.4	<1	<2	0.2	2262	655	0.8	2	403	45	1	16	26	25	0	<1	0.2
C 395✓	1.2	3.0	7	30	0.4	1.6	0.6	66	0.001	5	n/a	<0.5	<1	3.4	0.5	<1	<2	0.3	690	1391	1.0	2	167	21	1	10	21	26	0	<1	0.3
C 396✓	1.6	2.5	2	19	0.3	2.3	0.5	13	0.009	4	n/a	<0.5	<1	4.9	0.5	<1	<2	0.0	1123	393	1.4	3	218	8	1	10	20	21	0	<1	0.2

Certified By: 

WAWA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Wawa, Ontario
POS 1K0

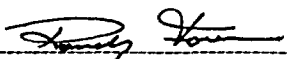
CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 400✓	0.8	1.3	0	7	0.1	0.1	0.1	43	0.000	2	n/a	<0.5	<1	1.5	0.1	<1	<2	0.1	560	422	0.1	1	130	2	1	1	21	12	1	<1	0.1
C 401✓	0.5	1.9	1	6	0.1	0.1	0.1	24	0.004	2	n/a	<0.5	<1	1.5	0.1	<1	<2	0.0	435	178	0.2	1	117	2	1	5	25	15	1	<1	0.1
C 404✓	1.2	2.5	2	12	0.3	1.2	0.2	28	0.004	5	n/a	<0.5	<1	1.4	0.1	<1	<2	0.1	585	342	1.0	2	145	2	1	3	40	23	1	<1	0.2
C 405✓	0.7	2.5	1	11	0.3	1.4	0.3	63	0.004	1	n/a	<0.5	<1	5.9	0.1	<1	<2	0.0	1051	562	1.1	2	99	16	1	0	20	27	1	<1	0.2
C 406✓	1.5	2.1	6	8	0.1	1.3	0.9	6	0.007	6	n/a	<0.5	<1	3.4	0.2	<1	<2	0.9	824	548	0.4	2	162	4	1	9	21	7	1	<1	0.2
C 408✓	0.8	1.3	4	8	0.1	1.0	0.4	4	0.007	7	n/a	<0.5	<1	2.7	0.1	<1	<2	0.0	979	487	0.1	1	131	3	1	17	11	16	0	<1	0.1
C 409✓	0.9	1.3	3	11	0.0	0.9	0.3	41	0.009	7	n/a	<0.5	<1	4.1	0.1	<1	<2	0.5	976	412	0.0	2	83	10	1	29	24	18	2	<1	0.2
C 410✓	0.9	0.8	4	8	0.0	1.2	0.5	15	0.009	6	n/a	<0.5	<1	1.1	0.0	<1	<2	0.2	577	356	0.0	2	147	2	2	20	16	16	1	<1	0.1
C 411✓	1.5	1.7	2	15	0.2	2.0	0.5	23	0.004	15	n/a	<0.5	<1	1.4	0.3	<1	<2	0.3	571	702	0.1	2	104	7	1	4	22	6	1	<1	0.2
C 414✓	0.5	1.9	5	12	0.1	1.5	0.5	48	0.002	5	n/a	<0.5	<1	2.5	0.1	<1	<2	0.2	665	206	0.5	2	89	9	0	17	14	19	1	<1	0.1
C 416✓	0.7	1.5	8	13	0.2	1.2	0.4	5	0.006	5	n/a	<0.5	<1	0.6	0.2	<1	<2	0.2	582	454	0.7	2	130	1	1	16	14	19	1	<1	0.1
C 419✓	0.5	1.3	6	12	0.0	0.5	0.3	12	0.000	6	n/a	<0.5	<1	1.2	0.1	<1	<2	0.2	535	908	0.3	2	111	6	1	14	12	9	0	<1	0.1
C 422✓	0.7	1.9	5	10	0.1	0.8	0.3	21	0.005	3	n/a	<0.5	<1	5.7	0.1	<1	<2	0.1	2277	552	0.8	2	256	8	2	18	18	18	1	<1	0.1
C 423✓	1.0	0.8	2	16	0.1	0.1	0.3	6	0.002	5	n/a	<0.5	<1	4.3	0.3	<1	<2	0.6	706	41	0.2	1	65	6	2	3	9	7	2	<1	0.1
C 424✓	1.5	2.1	5	4	0.2	2.2	0.5	2	0.000	13	n/a	<0.5	<1	2.1	0.3	<1	<2	0.9	1620	402	0.7	3	84	2	1	7	17	16	0	<1	0.2
C 427✓	1.3	2.1	5	19	0.1	1.3	0.7	10	0.001	8	n/a	<0.5	<1	5.9	0.0	<1	<2	1.6	874	613	0.1	2	78	10	1	10	17	3	2	<1	0.1
C 428✓	0.9	1.5	7	34	0.2	1.1	0.4	11	0.007	2	n/a	<0.5	<1	1.3	0.1	<1	<2	0.2	582	1021	0.6	2	143	6	1	15	12	17	0	<1	0.1
C 431✓	0.6	1.9	7	10	0.1	2.0	0.1	69	0.004	4	n/a	<0.5	<1	4.5	0.2	<1	<2	0.5	823	182	0.4	2	93	17	1	13	16	9	1	<1	0.2
C 432✓	1.0	2.3	4	9	0.1	0.8	0.3	4	0.001	9	n/a	<0.5	<1	4.6	0.4	<1	<2	0.6	857	567	0.1	1	183	6	1	21	15	8	2	<1	0.2
C 433✓	0.8	1.5	2	13	0.1	1.3	0.1	65	0.001	9	n/a	<0.5	<1	1.5	0.2	<1	<2	0.6	599	215	0.1	1	150	3	1	23	16	8	2	<1	0.1
C 434✓	0.4	1.3	6	19	0.1	0.6	0.1	56	0.008	4	n/a	<0.5	<1	3.1	0.2	<1	<2	0.3	502	1068	0.1	1	145	20	1	12	11	3	1	<1	0.1
C 437✓	0.8	1.3	5	8	0.1	1.1	0.1	23	0.000	8	n/a	<0.5	<1	2.0	0.4	<1	<2	0.3	485	61	0.1	1	108	3	1	6	11	7	1	<1	0.1
C 439✓	0.5	1.7	4	10	0.0	1.0	0.2	36	0.002	6	n/a	<0.5	<1	1.9	0.1	<1	<2	0.2	452	182	0.2	1	105	3	1	11	16	11	1	<1	0.1
C 440✓	1.6	2.3	0	13	0.1	1.0	0.2	7	0.004	11	n/a	<0.5	<1	6.7	0.4	<1	<2	1.4	923	487	0.1	1	180	6	1	22	19	5	3	<1	0.2
C 443✓	1.1	1.7	1	5	0.1	0.8	0.6	49	0.000	10	n/a	<0.5	<1	1.9	0.1	<1	<2	0.8	482	318	0.1	1	97	1	1	1	13	3	1	<1	0.1
C 446✓	1.4	1.5	7	6	0.1	2.4	0.6	35	0.004	13	n/a	<0.5	<1	1.5	0.1	<1	<2	0.2	574	107	0.3	2	135	2	1	3	16	7	1	<1	0.1
C 447✓	0.8	1.5	3	13	0.1	1.0	0.2	45	0.004	6	n/a	<0.5	<1	1.7	0.3	<1	<2	0.3	579	271	0.3	1	123	3	1	22	20	16	1	<1	0.2
C 449✓	1.1	1.5	3	9	0.1	0.9	0.5	5	0.004	11	n/a	<0.5	<1	3.1	0.4	<1	<2	0.1	818	646	0.9	2	125	4	1	2	12	8	1	<1	0.1
C 450	0.9	2.1	4	6	0.3	1.7	0.4	29	0.004	10	n/a	<0.5	<1	1.6	0.1	<1	<2	0.1	602	309	0.7	2	121	1	2	4	15	7	1	<1	0.1
C 452✓	1.0	1.1	2	8	0.1	0.1	0.3	24	0.008	6	n/a	<0.5	<1	7.9	0.3	<1	<2	0.4	671	45	0.2	1	226	10	2	2	9	7	2	<1	0.1
C 455✓	1.0	1.0	3	8	0.2	0.8	0.3	56	0.005	7	n/a	<0.5	<1	2.3	0.3	<1	<2	0.6	606	54	0.3	2	133	2	3	2	16	7	2	<1	0.1
C 457✓	1.4	1.3	3	11	0.3	2.9	0.4	46	0.002	8	n/a	<0.5	<1	1.7	0.4	<1	<2	0.4	523	58	0.4	6	120	1	3	4	15	7	2	<1	0.1
C 459✓	1.4	1.4	3	22	0.4	1.5	0.5	12	0.001	8	n/a	<0.5	<1	4.9	0.5	<1	<2	0.6	1361	91	0.7	3	203	6	3	8	13	13	3	<1	0.1
C 460✓	1.3	1.1	4	6	0.5	1.2	0.7	96	0.001	7	n/a	<0.5	<1	10.4	0.4	<1	<2	0.6	702	54	0.7	2	174	14	2	6	9	16	2	<1	0.2
C 461✓	1.4	1.3	4	7	0.4	0.9	0.4	12	0.001	9	n/a	<0.5	<1	3.0	0.4	<1	<2	0.5	3456	114	0.5	2	125	2	3	13	15	13	3	<1	0.2
C 464✓	1.6	1.4	4	10	0.4	1.1	0.6	48	0.002	9	n/a	<0.5	<1	3.6	0.5	<1	<2	0.6	896	55	0.5	2	185	2	3	10	20	13	3	<1	0.2
C 469✓	1.4	1.4	5	22	0.6	1.6	0.6	61	0.001	9	n/a	<0.5	<1	6.4	0.4	<1	<2	0.4	1249	55	0.7	2	122	20	1	9	16	16	3	<1	0.2
C 469✓	1.4	2.3	4	17	0.4	2.3	0.5	168	0.002	6	n/a	<0.5	<1	4.3	0.4	<1	<2	0.5	1495	77	0.5	4	292	40	0	7	15	13	3	<1	0.2
C 472✓	1.0	1.8	3	13	0.1	0.0	0.3	114	0.005	6	n/a	<0.5	<1	1.7	0.2	<1	<2	0.3	638	50	0.0	1	155	2	3	4	12	0	1	<1	0.1
C 473✓	0.9	0.7	2	13	0.0	0.2	0.3	85	0.001	7	n/a	<0.5	<1	2.0	0.3	<1	<2	0.5	894	58	0.0	1	202	2	3	7	15	5	1	<1	0.1
C 474✓	0.9	1.1	2	12	0.1	0.1	0.2	79	0.001	6	n/a	<0.5	<1	4.6	0.2	<1	<2	0.4	848	61	0.0	1	110	19	2	7	11	5	1	<1	0.1
C 475✓	0.9	1.1	3	20	0.1	0.4	0.2	10	0.003	7	n/a	<0.5	<1	5.3	0.3	<1	<2	0.4	1296	86	0.0	2	302	7	3	10	9	7	2	<1	0.1
C 476✓	1.2	1.4	3	47	0.1	0.3	0.5	186	0.002	7	n/a	<0.5	<1	3.1	0.4	<1	<2	0.3	809	124	0.1	2	214	24	1	12	9	10	2	<1	0.1

Certified By: 

NANA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Nana, Ontario
POS 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 479✓	1.2	1.2	4	20	0.3	0.2	0.5	233	0.002	8	n/a	<0.5	<1	8.4	0.3	<1	<2	0.5	1390	55	0.2	1	122	62	1	16	12	13	2	<1	0.1
C 480✓	1.2	1.1	2	13	0.1	0.2	0.5	52	0.002	6	n/a	<0.5	<1	1.4	0.2	<1	<2	0.4	744	41	0.2	1	186	2	3	8	11	11	2	<1	0.1
C 481✓	1.0	1.4	4	42	0.1	0.2	0.5	85	0.002	6	n/a	<0.5	<1	2.3	0.3	<1	<2	0.4	697	197	0.2	1	186	14	2	13	10	11	2	<1	0.1
C 482✓	1.0	1.9	3	17	0.2	0.6	0.5	14	0.003	7	n/a	<0.5	<1	5.6	0.3	<1	<2	0.3	1554	63	0.4	2	272	12	2	8	11	11	2	<1	0.1
C 483✓	1.0	1.1	2	11	0.1	2.2	0.3	128	0.002	5	n/a	<0.5	<1	4.6	0.2	<1	<2	0.4	919	51	0.1	2	95	32	0	1	10	0	1	<1	0.1
C 484✓	1.0	1.2	3	22	0.0	1.3	0.3	119	0.002	7	n/a	<0.5	<1	2.6	0.3	<1	<2	0.3	1027	150	0.1	2	198	16	2	4	8	5	2	<1	0.1
C 485✓	1.3	0.7	3	8	0.0	1.4	0.3	66	0.001	8	n/a	<0.5	<1	1.1	0.2	<1	<2	0.3	716	51	0.1	3	131	1	3	7	10	7	2	<1	0.1
C 486✓	1.3	0.8	3	10	0.1	0.5	0.4	84	0.001	7	n/a	<0.5	<1	1.4	0.3	<1	<2	0.3	680	55	0.3	2	158	2	3	3	15	7	2	<1	0.1
C 489✓	1.3	1.2	4	13	0.3	0.7	0.7	8	0.001	8	n/a	<0.5	<1	3.4	0.4	<1	<2	0.5	1285	90	0.6	1	230	6	3	6	9	13	2	<1	0.1
C 490✓	1.3	1.2	3	22	0.2	0.4	0.5	144	0.001	8	n/a	<0.5	<1	2.9	0.4	<1	<2	0.5	816	149	0.2	1	163	23	1	10	8	10	3	<1	0.1
C 491✓	1.2	1.1	3	8	0.2	0.7	0.6	119	0.002	8	n/a	<0.5	<1	4.6	0.2	<1	<2	0.5	1166	53	0.2	2	102	17	2	12	9	11	3	<1	0.1
C 494✓	1.2	0.8	2	8	0.1	0.3	0.5	40	0.008	6	n/a	<0.5	<1	1.6	0.3	<1	<2	0.4	678	44	0.3	2	145	1	3	3	9	7	2	<1	0.1
C 495✓	1.2	1.1	4	11	0.2	1.5	0.5	119	0.007	7	n/a	<0.5	<1	6.8	0.3	<1	<2	0.5	1392	59	0.2	2	108	31	1	10	9	10	3	<1	0.1
C 496✓	1.2	0.8	3	19	0.0	0.5	0.4	67	0.001	7	n/a	<0.5	<1	2.6	0.3	<1	<2	0.3	745	174	0.1	2	221	10	2	8	8	10	2	<1	0.1
C 497✓	1.2	2.5	3	14	0.1	0.1	0.0	6	0.007	6	n/a	<0.5	<1	7.1	0.2	<1	<2	0.4	2041	83	0.0	1	184	8	2	8	9	0	1	<1	0.1
C 500✓	0.9	1.0	1	12	0.1	0.1	0.0	104	0.005	4	n/a	<0.5	<1	2.6	0.1	<1	<2	0.3	828	41	0.1	1	104	10	2	7	7	2	1	<1	0.1
C 501✓	0.9	1.4	1	18	0.1	0.2	0.0	148	0.001	6	n/a	<0.5	<1	4.9	0.2	<1	<2	0.4	1991	106	0.0	2	440	29	1	3	9	2	1	<1	0.1
C 502✓	1.0	2.0	2	23	0.1	0.3	0.0	122	0.004	6	n/a	<0.5	<1	1.7	0.2	<1	<2	0.3	938	164	0.0	1	223	10	2	10	7	5	1	<1	0.1
C 505✓	0.9	1.0	2	11	0.1	0.1	0.0	17	0.009	6	n/a	<0.5	<1	4.6	0.0	<1	<2	0.3	980	51	0.1	1	91	13	2	12	9	5	1	<1	0.1
C 506✓	1.3	1.2	3	11	0.1	0.1	0.0	26	0.005	10	n/a	<0.5	<1	1.3	0.2	<1	<2	0.4	780	51	0.1	1	170	1	3	10	11	0	1	<1	0.1
C 508✓	1.3	0.8	2	6	0.1	0.0	0.2	19	0.000	8	n/a	<0.5	<1	1.1	0.2	<1	<2	0.5	610	65	0.1	1	154	1	3	15	12	7	1	<1	0.1
C 509✓	1.2	1.2	3	26	0.1	0.9	0.3	71	0.001	7	n/a	<0.5	<1	3.0	0.3	<1	<2	0.4	766	201	0.1	2	222	16	2	11	10	10	2	<1	0.1
C 513✓	0.9	0.6	2	12	0.0	0.1	0.0	115	0.001	7	n/a	<0.5	<1	4.3	0.2	<1	<2	0.8	914	51	0.0	0	106	18	2	6	8	0	1	<1	0.1
C 514✓	1.0	1.1	3	7	0.0	0.3	0.1	77	0.000	7	n/a	<0.5	<1	5.3	0.2	<1	<2	0.6	2455	100	0.2	1	253	20	1	9	12	7	1	<1	0.1
C 515✓	0.9	1.1	3	10	0.1	1.3	0.1	118	0.002	6	n/a	<0.5	<1	5.5	0.2	<1	<2	0.6	1324	71	0.1	2	274	35	0	10	10	11	1	<1	0.1
C 516✓	1.2	1.3	3	12	0.0	0.3	0.2	48	0.001	8	n/a	<0.5	<1	10.7	0.2	<1	<2	0.6	1428	77	0.2	1	158	26	1	11	16	11	2	<1	0.1
C 519✓	1.2	1.3	3	16	0.1	0.4	0.3	64	0.005	9	n/a	<0.5	<1	9.0	0.2	<1	<2	0.8	1429	67	0.2	2	134	25	1	23	16	18	3	<1	0.1
C 521✓	1.3	1.2	4	17	0.0	0.5	0.3	92	0.001	9	n/a	<0.5	<1	9.2	0.3	<1	<2	0.6	1304	74	0.1	2	131	17	2	16	20	16	2	<1	0.1
C 522✓	1.2	1.8	4	6	0.0	2.1	0.1	19	0.001	9	n/a	<0.5	<1	16.0	0.3	<1	<2	0.6	4514	160	0.1	2	137	7	2	19	16	13	2	<1	0.1
C 523✓	1.2	1.2	3	18	0.0	0.3	0.3	12	0.007	9	n/a	<0.5	<1	11.0	0.4	<1	<2	0.6	1684	79	0.0	2	406	8	3	13	10	10	2	<1	0.1
C 526✓	1.2	1.1	3	10	0.2	0.2	0.3	161	0.000	8	n/a	<0.5	<1	11.2	0.3	<1	<2	0.6	1116	65	0.1	2	116	34	0	14	11	11	2	<1	0.1
C 527✓	1.3	2.3	3	24	0.1	0.2	0.5	28	0.001	9	n/a	<0.5	<1	15.8	0.5	<1	<2	0.6	1993	100	0.2	2	554	22	1	15	12	13	2	<1	0.1
C 528✓	1.2	1.0	3	22	0.1	0.2	0.1	104	0.003	7	n/a	<0.5	<1	5.5	0.4	<1	<2	0.8	685	172	0.1	1	188	23	1	10	9	2	0	<1	0.1
C 530✓	1.4	1.2	3	11	0.1	0.5	0.1	107	0.002	9	n/a	<0.5	<1	2.0	0.3	<1	<2	0.5	922	75	0.0	1	217	2	3	14	21	10	1	<1	0.1
C 531✓	1.3	1.7	3	8	0.0	0.2	0.2	203	0.003	8	n/a	<0.5	<1	6.4	0.3	<1	<2	0.5	1646	119	0.1	1	308	35	1	15	13	13	1	<1	0.1
C 532✓	1.2	1.2	2	10	0.0	2.2	0.2	50	0.004	8	n/a	<0.5	<1	8.0	0.2	<1	<2	0.4	1249	90	0.1	4	122	19	2	13	15	11	1	<1	0.1
C 535✓	1.4	1.0	3	6	0.1	1.3	0.4	74	0.003	8	n/a	<0.5	<1	2.9	0.3	<1	<2	0.6	928	53	0.2	3	163	2	3	22	18	20	1	<1	0.1
C 536✓	1.3	2.0	3	12	0.1	0.5	0.5	17	0.002	8	n/a	<0.5	<1	14.8	0.4	<1	<2	0.6	2314	107	0.4	1	506	12	2	10	12	11	1	<1	0.1
C 537✓	1.3	1.1	3	12	0.1	0.3	0.3	89	0.003	9	n/a	<0.5	<1	9.4	0.3	<1	<2	0.5	1124	79	0.2	1	119	25	1	13	12	13	1	<1	0.1
C 538✓	1.2	1.6	3	14	0.2	0.2	0.2	281	0.003	7	n/a	<0.5	<1	8.5	0.4	<1	<2	0.2	1777	77	0.4	1	433	46	0	11	15	20	1	<1	0.1
C 541✓	1.0	1.2	2	8	0.1	0.2	0.1	55	0.002	7	n/a	<0.5	<1	9.7	0.2	<1	<2	0.3	961	45	0.2	1	96	23	2	13	9	13	1	<1	0.1
C 542✓	1.2	1.2	2	10	0.0	0.2	0.0	53	0.003	9	n/a	<0.5	<1	6.1	0.2	<1	<2	0.2	1306	55	0.1	1	252	23	2	14	14	16	1	<1	0.1
C 543✓	0.9	1.1	1	19	0.0	0.1	0.1	19	0.002	8	n/a	<0.5	<1	3.5	0.2	<1	<2	0.8	685	187	0.1	0	211	10	2	9	7	0	2	<1	0.1

Certified by:

[Signature]

WAWA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Wawa, Ontario
P0S 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Hg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 546✓	1.2	1.0	2	7	0.0	0.9	0.1	37	0.002	9	n/a	<0.5	<1	2.3	0.1	<1	<2	0.5	732	82	0.1	1	109	0	3	12-	15	0	3	<1	0.1
C 549✓	1.2	1.0	3	6	0.0	0.5	0.2	72	0.001	11	n/a	<0.5	<1	2.4	0.2	<1	<2	0.5	755	55	0.1	0	128	0	3	11-	13	5	3	<1	0.1
C 550✓	1.2	0.7	2	8	0.0	0.2	0.1	55	0.001	10	n/a	<0.5	<1	1.9	0.2	<1	<2	0.3	649	57	0.1	0	120	4	3	8	12	5	2	<1	0.1
C 553✓	1.0	0.7	2	5	0.0	0.0	0.1	78	0.006	8	n/a	<0.5	<1	1.6	0.1	<1	<2	0.2	631	48	0.1	0	155	0	3	9	14	7	3	<1	0.1
C 554✓	0.8	2.0	2	11	0.0	0.2	0.1	12	0.001	8	n/a	<0.5	<1	12.8	0.2	<1	<2	0.3	2060	86	0.6	0	322-	8	2	9	13	11	3	<1	0.1
C 557✓	0.9	0.8	1	13	0.0	0.2	0.0	74	0.001	8	n/a	<0.5	<1	2.8	0.2	<1	<2	0.3	827	46	0.1	0	157	1	3	12-	13	11	3	<1	0.1
C 559✓	0.9	1.2	1	13	0.0	0.1	0.1	176	0.002	7	n/a	<0.5	<1	7.2	0.2	<1	<2	0.3	1184	61	0.0	0	116	32-	1	13-	13	11	3	<1	0.1
C 561✓	0.9	1.2	4	17	0.0	0.1	0.1	13	0.002	8	n/a	<0.5	<1	9.1	0.3	<1	<2	0.4	1418	112	0.1	0	322-	62-	-2	15-	12	11	3	<1	0.1
C 562✓	1.0	0.8	3	7	0.0	0.6	0.3	70	0.002	6	n/a	<0.5	<1	2.2	0.2	<1	<2	0.3	672	46	0.0	1	144	2	3	1	19	1	1	<1	0.1
C 563✓	1.2	1.1	3	11	0.0	0.3	0.4	44	0.002	7	n/a	<0.5	<1	6.6	0.3	<1	<2	0.3	1146	74	0.0	1	74	25-	1	7	10	5	1	<1	0.1
C 565✓	1.2	1.1	3	11	0.1	0.3	0.4	53	0.003	7	n/a	<0.5	<1	6.7	0.3	<1	<2	0.2	1195	59	0.1	1	107	24-	1	11-	12	10	1	<1	0.1
C 566✓	1.4	1.2	4	25-	0.1	0.4	0.5	90	0.001	8-	n/a	<0.5	<1	4.0	0.5	<1	<2	0.3	734	230	0.1	1	293-	18-	2	12-	9	5	2	<1	0.2
C 567✓	1.4	0.7	3	10	0.1	0.3	0.5	84	0.001	8	n/a	<0.5	<1	2.5	0.3	<1	<2	0.1	712	66	0.1	1	199-	2	3	9	10	7	1	<1	0.1
C 570✓	1.4	1.0	4	8	0.1	0.5	0.6	37	0.001	9	n/a	<0.5	<1	2.3	0.4	<1	<2	0.3	1051	81	0.2	2	191-	2	3	13-	15	7	2	<1	0.1
C 572✓	1.4	0.7	4	11	0.1	0.3	0.5	66	0.001	8	n/a	<0.5	<1	2.0	0.4	<1	<2	0.4	734	62	0.1	2	124	2	3	15-	11	10	1	<1	0.1
C 573✓	1.4	1.1	3	13	0.3-	0.7	0.6	144-	0.001	8-	n/a	<0.5	<1	4.3	0.3	<1	<2	0.3	901	55	0.1	2	119	23-	1	8	9	5	1	<1	0.2
C 574✓	1.5	0.8	4	17	0.1	0.6	0.7	67	0.001	9	n/a	<0.5	<1	1.9	0.4	<1	<2	0.3	722	75	0.1	2	175	4	3	12-	10	5	1	<1	0.1
C 577✓	1.3	1.0	3	13	0.2	0.7	0.7	37	0.001	8	n/a	<0.5	<1	5.2	0.3	<1	<2	0.3	1115	67	0.2	2	80	19-	2	13-	10	7	1	2	0.2
C 580✓	1.0	0.8	2	16	0.0	0.2	0.2	112	0.001	6	n/a	<0.5	<1	4.0	0.2	<1	<2	0.2	893	53	0.2	0	71	18-	2	2	4	5	1	<1	0.1
C 581✓	1.2	0.8	2	11	0.0	0.7	0.1	74	0.003	9	n/a	<0.5	<1	1.7	0.1	<1	<2	0.4	614	65	0.1	2	121	1	3	6	8	1	0	<1	0.1
C 584✓	1.2	1.1	2	10	0.0	0.2	0.1	84	0.001	10	n/a	<0.5	<1	1.8	0.1	<1	<2	0.4	755	65	0.1	1	140	2	3	14-	9	7	2	<1	0.1
C 585✓	1.3	1.2	2	20	0.0	0.3	0.1	125	0.002	10	n/a	<0.5	<1	2.6	0.2	<1	<2	0.8	982	73	0.1	1	176	2	3	20-	7	10	3	<1	0.1
C 608✓	0.8	1.1	1	10	0.1	0.9	0.5	22	0.004	2	n/a	<0.5	<1	1.6	0.4	<1	<2	0.5	602	117	0.0	2	116	2	1	6	14	19	1	<1	0.1
C 609✓	0.9	1.9	1	14	0.1	1.0	0.3	5	0.006	5	n/a	<0.5	<1	3.1	0.6	<1	<2	0.8	1179	689	0.3	2	187	5	1	4	15	22	1	<1	0.1
C 612✓	0.5	1.9	3	12	0.1	0.8	0.3	14	0.007	6	n/a	<0.5	<1	6.0	0.1	<1	<2	0.6	1800	913	0.3	2	300-	11-	1	3	15	9	1	<1	0.1
C 614✓	1.0	1.7	5	8	0.0	1.3	0.7	25	0.004	8	n/a	<0.5	<1	1.1	0.2	<1	<2	0.9	499	206	0.3	2	156	1	1	8	22	6	1	<1	0.2
C 617✓	1.2	1.9	1	11	0.1	1.5	0.3	181	0.005	7	n/a	<0.5	<1	4.7	0.4	<1	<2	0.9	881	215	0.0	3	98	29-	1	21-	19	8	1	<1	0.2
C 621✓	0.8	0.6	1	7	0.1	0.8	0.1	42	0.000	5	n/a	<0.5	<1	1.5	0.3	<1	<2	0.6	685	370	0.1	2	144	2	1	10-	20	5	1	<1	0.1
C 622✓	0.8	2.1	1	13	0.1	1.8	1.0-	8	0.000	6-	n/a	<0.5	<1	5.1	0.3	<1	<2	0.9-	1478	744	0.2	2	199-	8	1	5	20	8	1	<1	0.2
C 625✓	1.0	2.1	1	11	0.1	1.7	0.3	46	0.004	5	n/a	<0.5	<1	1.3	0.1	<1	<2	1.2-	743	206	0.4	1	74	6	1	2	20	6	1	<1	0.3
C 626✓	0.9	3.0	5	30-	0.3-	2.1-	0.7-	112-	0.007	8-	n/a	<0.5	<1	4.0	0.6	<1	<2	1.0-	1136	1161	0.3	2	248-	30-	1	8	27	10	1	<1	0.2
C 627✓	0.8	2.5-	4	42-	0.2	1.8	0.7	36	0.006	8	n/a	<0.5	<1	4.8	0.5	<1	<2	1.5-	2410	1353	0.3	2	400-	17-	1	9	26	9	1	<1	0.2
C 631✓	0.9	2.1	4	14	0.0	1.5	0.8	8	0.000	4	n/a	<0.5	<1	4.4	0.0	<1	<2	0.8	890	566	0.4	2	207-	6	1	7	22	15	1	<1	0.1
C 633✓	0.5	2.3	4	11	0.1	2.3-	1.0-	57	0.002	3	n/a	<0.5	<1	3.3	0.0	<1	<2	0.7-	715	164	0.2	2	72	14-	1	1	18	12	1	<1	0.2
C 634✓	1.2	2.5-	6	23-	0.0	2.6-	1.0-	25	0.004	5-	n/a	<0.5	<1	1.6	0.3	<1	<2	1.0-	774	1288	0.3	4	221-	7	1	13-	24	18	1	<1	0.3
C 635✓	0.7	1.9	2	8	0.2	2.2-	0.9-	23	0.006	6-	n/a	<0.5	<1	0.9	0.4	<1	<2	1.0-	535	117	0.4	2	145	1	1	6	19	13	1	<1	0.2
C 638✓	1.3	4.3-	4	28-	0.1	0.9	0.4	128-	0.004	9-	n/a	<0.5	<1	2.6	0.3	<1	<2	0.2	1507	2037	0.2	3	1543-	18-	2	19-	38	46	4	<1	0.1
C 639✓	1.1	2.1	1	10	0.1	1.0	0.3	67	0.008	5	n/a	<0.5	<1	1.9	0.1	<1	<2	0.2	658	1254	0.2	1	134	2	1	3	22	9	1	<1	0.1
C 642✓	0.8	1.3	2	9	0.1	1.1	0.3	49	0.009	6	n/a	<0.5	<1	1.4	0.1	<1	<2	0.3	554	2019	0.1	1	123	2	1	4	21	6	2	<1	0.1
C 643✓	1.1	1.7	2	5	0.1	1.2	0.2	43	0.002	4	n/a	<0.5	<1	1.6	0.2	<1	<2	0.1	577	1175	0.2	0	168	2	3	1	18	24	2	<1	0.1
C 640✓	0.9	2.5-	2	14-	0.1	1.6	0.2	9	0.009	4	n/a	<0.5	<1	5.8-	0.1	<1	<2	0.6	871	651	0.1	1	82	12-	2	1	15	11	2	<1	0.2
C 649✓	0.8	1.1	4	5	0.1	1.3	0.1	56	0.005	4	n/a	<0.5	<1	3.4	0.0	<1	<2	0.1	879	473	0.3	0	186	21-	2	5	15	3	2	<1	0.2
C 650✓	1.0	2.1	1	8	0.1	1.6	0.1	3	0.000	4	n/a	<0.5	<1	2.1	0.4	<1	<2	0.1	1098	618	0.1	2	143	3	3	1	22	17	2	<1	0.0

Certified by: *[Signature]*

WAWA ASSAYING INC.
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Wawa, Ontario
POS 1K0


CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 653✓	0.9	1.7	3	5	0.1	1.0	0.0	4	0.002	7	n/a	<0.5	<1	2.5	0.1	<1	<2	0.1	951	810	0.2	1	106	4	3	4	14	14	2	<1	0.1
C 654✓	0.9	1.5	1	6	0.1	1.3	0.1	28	0.004	9	n/a	<0.5	<1	1.2	0.2	<1	<2	0.1	749	585	0.1	0	117	2	3	3	12	18	2	<1	0.2
C 655✓	1.2	1.7	5	8	0.1	2.0	0.2	22	0.006	6	n/a	<0.5	<1	5.2	0.2	<1	<2	0.0	973	707	0.3	0	106	19	2	2	15	17	2	<1	0.1
C 656✓	1.0	1.5	4	6	0.1	1.0	0.4	55	0.002	5	n/a	<0.5	<1	1.9	0.2	<1	<2	0.2	671	388	0.2	1	141	2	2	4	20	27	2	<1	0.1
C 659✓	0.7	3.0	6	13	0.1	2.4	0.0	49	0.004	9	n/a	<0.5	<1	6.6	0.0	<1	<2	0.6	1065	646	0.0	2	112	17	1	5	13	3	1	<1	0.2
C 660✓	0.8	3.6	2	13	0.1	0.2	0.1	11	0.005	9	n/a	<0.5	<1	6.7	0.4	<1	<2	0.4	1467	716	0.5	1	203	8	1	4	10	4	1	<1	0.2
C 662✓	0.5	2.5	2	12	0.0	1.3	0.1	60	0.002	9	n/a	<0.5	<1	2.6	0.0	<1	<2	0.6	757	407	0.1	1	158	4	1	3	11	18	1	<1	0.3
C 663✓	0.4	2.1	3	9	0.1	0.7	0.1	85	0.002	1	n/a	<0.5	<1	3.0	0.1	<1	<2	0.4	807	374	0.1	1	108	7	1	2	8	11	1	<1	0.3
C 665✓	0.3	2.5	5	13	0.1	1.4	0.1	22	0.009	2	n/a	<0.5	<1	4.7	0.1	<1	<2	0.3	1090	655	0.1	1	70	21	1	4	7	18	1	<1	0.2
C 666✓	0.4	3.4	4	23	0.1	1.0	0.0	8	0.002	6	n/a	<0.5	<1	4.2	0.2	<1	<2	0.3	1556	1213	0.0	2	229	7	1	4	13	13	1	<1	0.3
C 667✓	0.4	3.0	5	16	0.1	0.6	0.1	10	0.009	8	n/a	<0.5	<1	5.1	0.2	<1	<2	0.7	1118	679	0.3	2	136	18	1	2	6	14	1	<1	0.3
C 670✓	0.7	3.0	6	19	0.1	1.1	0.1	104	0.005	8	n/a	<0.5	<1	3.5	0.0	<1	<2	0.5	1023	454	0.1	1	102	26	1	3	6	18	1	<1	0.4
C 671✓	0.4	2.5	3	13	0.1	1.4	0.1	37	0.002	7	n/a	<0.5	<1	1.4	0.1	<1	<2	0.3	721	585	0.1	1	130	2	1	8	13	16	1	<1	0.2
C 672✓	0.7	3.2	6	16	0.0	1.1	0.1	10	0.002	4	n/a	<0.5	<1	7.1	0.1	<1	<2	0.4	2022	903	0.1	2	414	12	1	4	8	6	1	<1	0.3
C 675✓	1.0	1.9	1	8	0.0	1.9	0.6	5	0.004	6	n/a	<0.5	<1	4.0	0.3	<1	<2	0.5	1057	365	0.1	1	163	5	1	9	17	3	1	<1	0.1
C 680✓	1.2	2.1	2	9	0.1	2.2	0.1	33	0.006	6	n/a	<0.5	<1	1.9	0.1	<1	<2	0.9	646	206	0.3	4	114	2	1	12	27	11	1	<1	0.2
C 684✓	1.2	1.3	2	7	0.1	0.7	0.1	48	0.002	4	n/a	<0.5	<1	2.1	0.0	<1	<2	0.6	557	347	0.0	1	156	2	1	11	20	5	1	<1	0.1
C 685✓	1.1	0.8	3	7	0.1	0.4	0.1	150	0.000	7	n/a	<0.5	<1	6.4	0.1	<1	<2	0.6	990	328	0.1	1	70	33	1	23	22	9	2	<1	0.1
C 686✓	1.3	1.1	5	14	0.1	1.4	0.1	26	0.000	8	n/a	<0.5	<1	6.4	0.1	<1	<2	0.7	2313	880	0.3	2	421	8	1	18	25	9	2	<1	0.2
C 689✓	1.1	1.5	3	14	0.1	0.9	0.1	10	0.002	5	n/a	<0.5	<1	5.8	0.1	<1	<2	0.8	1073	454	0.4	2	90	10	1	7	23	12	1	<1	0.2
C 690✓	0.9	0.6	1	5	0.1	0.7	0.1	10	0.000	3	n/a	<0.5	<1	1.1	0.1	<1	<2	0.5	477	328	0.0	2	126	1	1	3	18	2	0	<1	0.1
C 691✓	0.9	0.6	5	10	0.1	1.1	0.1	1	0.000	2	n/a	<0.5	<1	1.4	0.1	<1	<2	0.0	840	763	0.2	2	143	1	1	4	17	9	0	<1	0.1
C 694✓	1.1	0.6	4	5	0.1	1.1	0.1	43	0.002	5	n/a	<0.5	<1	1.0	0.1	<1	<2	0.6	485	300	0.1	2	93	2	1	4	21	4	1	<1	0.1
C 695✓	1.5	1.5	3	12	0.1	4.7	0.1	200	0.002	8	n/a	<0.5	<1	5.5	0.1	<1	<2	0.7	1189	693	0.1	1	143	30	1	14	29	12	2	<1	0.2
C 698✓	1.4	1.9	7	14	0.1	0.2	0.1	14	0.004	6	n/a	<0.5	<1	7.2	0.0	<1	<2	0.9	1315	801	0.1	1	205	11	1	19	26	12	2	<1	0.1
C 701✓	1.4	1.5	2	8	0.1	1.0	0.6	50	0.004	3	n/a	<0.5	<1	1.9	0.1	<1	<2	0.6	632	337	0.1	1	141	2	1	10	20	17	1	<1	0.2
C 704✓	0.9	1.9	5	12	0.1	1.0	0.1	39	0.005	5	n/a	<0.5	<1	8.7	0.2	<1	<2	0.4	676	257	0.1	1	238	11	1	15	11	11	1	<1	0.2
C 705✓	0.5	1.3	4	13	0.1	1.6	0.3	33	0.009	4	n/a	<0.5	<1	3.3	0.1	<1	<2	0.5	724	192	0.3	1	69	8	1	17	20	14	2	<1	0.1
C 706✓	0.3	1.3	4	3	0.0	1.2	0.1	3	0.001	2	n/a	<0.5	<1	2.8	0.1	<1	<2	0.2	868	309	0.3	1	74	2	1	10	13	15	0	<1	0.1
C 709✓	0.5	1.3	0	7	0.1	2.1	0.6	3	0.006	3	n/a	<0.5	<1	1.8	0.1	<1	<2	0.6	1098	332	0.5	1	73	1	1	7	13	9	0	<1	0.3
C 710✓	0.4	1.5	2	16	0.1	1.2	0.5	19	0.009	5	n/a	<0.5	<1	3.5	0.1	<1	<2	0.5	940	182	0.3	1	81	5	1	13	12	12	1	<1	0.3
C 713A✓	1.1	1.5	3	5	0.1	2.7	1.0	3	0.006	3	n/a	<0.5	<1	3.1	0.1	<1	<2	0.5	918	234	0.3	1	86	1	1	15	13	10	2	<1	0.2
C 713B✓	0.8	1.0	2	5	0.1	1.9	0.8	3	0.009	4	n/a	<0.5	<1	3.0	0.2	<1	<2	0.6	923	254	0.5	1	85	1	1	20	17	15	1	<1	0.2
C 716✓	1.5	1.9	1	8	0.1	1.2	0.6	19	0.009	8	n/a	<0.5	<1	1.1	0.2	<1	<2	0.7	488	276	0.2	1	110	1	1	10	12	4	2	<1	0.3
C 717✓	1.1	1.7	1	13	0.4	1.6	1.0	87	0.002	6	n/a	<0.5	<1	3.2	0.2	<1	<2	0.5	746	182	0.7	2	77	15	1	15	12	19	2	<1	0.3
C 720✓	1.0	1.3	1	10	0.1	1.2	0.8	34	0.009	7	n/a	<0.5	<1	1.5	0.2	<1	<2	0.5	516	309	0.2	1	89	1	2	11	15	7	1	<1	0.3
C 721✓	1.1	2.3	3	13	0.5	2.5	1.8	107	0.001	5	n/a	<0.5	<1	4.0	0.3	<1	<2	0.4	784	332	1.0	2	87	17	1	18	16	33	2	<1	0.3
C 724✓	1.0	0.6	1	12	0.1	0.4	0.2	63	0.008	8	n/a	<0.5	<1	2.3	0.2	<1	<2	0.0	632	548	0.1	1	163	2	1	3	23	4	1	<1	0.1
C 727✓	0.5	0.8	1	15	0.1	0.7	0.1	6	0.004	6	n/a	<0.5	<1	1.6	0.1	<1	<2	0.1	566	590	0.0	1	158	2	1	1	8	14	1	<1	0.1
C 728✓	0.9	1.9	1	15	0.1	3.0	0.1	10	0.006	2	n/a	<0.5	<1	7.9	0.1	<1	<2	0.6	782	389	0.4	5	118	20	1	1	9	8	1	<1	0.1
C 729✓	0.9	1.5	3	14	0.1	1.0	0.0	17	0.000	6	n/a	<0.5	<1	2.3	0.1	<1	<2	0.0	799	904	0.1	1	261	9	1	1	6	3	1	<1	0.1
C 732✓	1.1	1.5	1	6	0.1	0.6	0.3	1	0.000	7	n/a	<0.5	<1	3.2	0.1	<1	<2	0.2	1542	702	0.3	1	83	1	1	2	6	5	1	<1	0.1
C 735✓	1.2	1.9	1	8	0.1	1.4	0.2	69	0.008	6	n/a	<0.5	<1	1.3	0.1	<1	<2	0.5	627	417	0.2	1	140	1	1	1	7	9	1	<1	0.2

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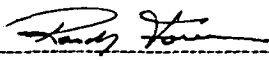
CERTIFICATE OF ANALYSIS

Type of Sample: Wood Core

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca ppm	P ppm	La ppm	Cr ppm	Mg ppm	Ba ppm	Ti ppm	B ppm	Al ppm	Na ppm	Si ppm	W ppm	Be ppm
C 736✓	1.2	2.3	2	12	0.4	1.6	1.2	69	0.007	6	n/a	<0.5	<1	3.0	0.3	<1	<2	0.7	1208	670	0.9	2	268	25	1	3	11	12	1	<1	0.2
C 739✓	1.4	1.5	1	8	0.1	1.3	0.9	33	0.000	5	n/a	<0.5	<1	1.9	0.5	<1	<2	0.5	552	529	0.8	2	119	2	1	1	10	21	1	<1	0.1
C 742✓	1.5	1.9	3	8	0.1	1.4	0.4	7	0.004	4	n/a	<0.5	<1	4.2	0.2	<1	<2	0.0	854	777	1.1	1	141	5	1	1	7	8	1	<1	0.2
C 743✓	1.2	1.5	1	6	0.0	1.5	0.0	60	0.004	5	n/a	<0.5	<1	1.3	0.3	<1	<2	0.1	538	365	0.4	0	128	2	1	1	13	17	1	<1	0.1
C 744✓	1.0	1.7	5	9	0.1	0.4	0.5	64	0.002	5	n/a	<0.5	<1	3.4	0.4	<1	<2	0.2	854	778	0.6	0	164	18	1	1	9	24	1	<1	0.1
C 745✓	0.7	1.3	1	4	0.1	0.6	0.3	74	0.000	5	n/a	<0.5	<1	6.3	0.4	<1	<2	0.1	1068	393	0.1	1	127	22	1	6	8	8	1	<1	0.1
C 746✓	1.1	1.5	1	4	0.1	0.9	0.8	62	0.000	7	n/a	<0.5	<1	2.1	0.5	<1	<2	0.2	699	478	0.1	1	173	3	1	4	10	9	1	<1	0.1
C 749✓	1.0	1.7	4	6	0.1	1.1	0.5	29	0.004	3	n/a	<0.5	<1	1.9	0.3	<1	<2	0.5	466	225	0.3	1	154	2	1	0	11	16	1	<1	0.2
C 752✓	1.2	2.1	1	6	0.0	0.6	0.0	64	0.004	3	n/a	<0.5	<1	5.9	0.3	<1	<2	0.7	854	431	0.1	1	87	20	1	4	9	7	1	<1	0.2
C 753✓	1.2	2.1	4	10	0.1	1.2	1.1	18	0.002	6	n/a	<0.5	<1	5.9	0.4	<1	<2	0.5	1637	857	0.3	1	317	11	1	4	12	8	1	<1	0.2
C 754✓	1.1	1.3	3	6	0.0	1.2	0.6	69	0.000	7	n/a	<0.5	<1	1.8	0.7	<1	<2	0.4	690	393	0.3	1	140	3	1	4	12	5	1	<1	0.1
C 756✓	1.3	2.1	3	6	0.0	3.8	0.6	7	0.007	7	n/a	<0.5	<1	4.7	0.6	<1	<2	0.4	1972	730	0.3	3	225	6	1	2	26	17	1	<1	0.1
C 757✓	0.7	1.7	1	7	0.1	0.8	0.3	43	0.004	3	n/a	<0.5	<1	2.8	0.1	<1	<2	0.2	699	731	0.0	1	196	11	1	1	14	19	1	<1	0.1
C 758✓	0.9	1.1	1	5	0.1	0.6	0.4	21	0.002	4	n/a	<0.5	<1	5.2	0.3	<1	<2	0.4	765	323	0.0	1	49	15	1	5	14	3	1	<1	0.1
C 761✓	0.3	1.9	1	8	0.1	0.4	0.1	4	0.002	6	n/a	<0.5	<1	5.5	0.3	<1	<2	0.1	1767	492	0.4	1	220	6	1	6	16	25	1	<1	0.1
C 765✓	0.3	1.9	1	8	0.1	0.7	0.7	77	0.007	3	n/a	<0.5	<1	6.7	0.2	<1	<2	0.8	1090	581	0.0	2	78	19	1	6	16	7	1	<1	0.1
C 766✓	0.8	1.9	1	12	0.1	1.5	0.6	14	0.005	6	n/a	<0.5	<1	6.1	0.4	<1	<2	0.5	1492	693	0.1	2	257	9	1	5	15	14	1	<1	0.2
Nº 1A6	1.0	1.3	3	19	0.1	0.6	0.1	18	0.000	8	n/a	<0.5	<1	1.4	0.1	<1	<2	0.3	793	1068	0.1	1	185	6	1	1	5	7	1	<1	0.0

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CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Munus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 2 ✓	2	41	30	81	0.3	6	2	358	0.25	14	5	ND	ND	13	1	2	2	5	0.86	0.14	2	13	0.15	34	0.01	55	0.13	0.01	0.01	1	1	40
C 3 ✓	1	19	38	22	0.3	7	4	248	0.67	17	5	ND	ND	16	1	2	2	12	0.92	0.06	3	16	0.13	51	0.01	27	0.44	0.01	0.01	2	1	80
C 5 ✓	1	27	12	92	0.2	7	2	366	0.22	9	5	ND	ND	15	1	3	2	4	0.73	0.14	1	13	0.13	25	0.01	48	0.13	0.01	0.01	3	1	28
C 6 ✓	1	16	48	24	0.1	5	1	36	0.29	4	5	ND	ND	13	1	2	2	5	0.20	0.06	2	6	0.04	54	0.01	27	0.17	0.01	0.01	1	1	80
C 9 ✓	1	19	18	62	0.2	6	3	628	0.12	10	5	ND	ND	31	1	2	2	2	0.97	0.14	1	6	0.14	37	0.01	55	0.08	0.01	0.01	1	1	80
C 10 ✓	1	9	30	12	0.1	5	2	116	0.19	10	5	ND	ND	17	1	2	2	4	0.30	0.07	1	6	0.04	54	0.01	35	0.13	0.01	0.01	1	1	80
C 15 ✓	1	43	35	128	0.3	8	2	385	0.14	13	5	ND	ND	29	1	2	2	2	0.86	0.09	1	10	0.12	59	0.01	45	0.08	0.01	0.01	1	1	40
C 16 ✓	1	12	34	69	0.1	3	1	37	0.09	8	5	ND	ND	17	1	2	2	2	0.39	0.05	1	5	0.06	19	0.01	43	0.06	0.01	0.01	1	1	40
C 18 ✓	1	18	29	90	0.2	7	2	624	0.14	7	5	ND	ND	27	1	2	2	3	0.50	0.09	1	8	0.06	50	0.01	54	0.09	0.01	0.01	1	1	80
C 19 ✓	1	12	30	41	0.1	5	1	175	0.11	13	5	ND	ND	28	1	2	2	2	0.32	0.06	1	5	0.05	45	0.01	46	0.08	0.01	0.01	1	1	80
C 20 ✓	1	9	10	62	0.1	3	1	199	0.03	8	5	ND	ND	19	1	2	3	2	1.17	0.08	1	3	0.11	21	0.01	49	0.02	0.01	0.01	1	1	40
C 21 ✓	1	9	28	25	0.1	3	1	33	0.12	22	5	ND	ND	21	1	2	2	3	1.38	0.06	1	5	0.14	7	0.01	47	0.09	0.01	0.01	1	1	80
C 23 ✓	1	12	12	95	0.2	5	1	317	0.66	11	5	ND	ND	21	1	3	4	2	1.06	0.08	1	8	0.12	29	0.01	45	0.03	0.01	0.01	1	1	40
C 24 ✓	1	10	26	30	0.1	3	1	47	0.10	22	5	ND	ND	24	1	2	2	3	1.51	0.06	1	5	0.14	11	0.01	44	0.08	0.01	0.01	1	1	40
C 28 ✓	1	13	14	106	0.3	4	1	360	0.05	16	5	ND	ND	26	1	2	3	2	1.35	0.08	1	6	0.14	54	0.01	44	0.03	0.01	0.01	1	1	80
C 29 ✓	1	12	42	45	0.4	4	1	200	0.09	18	5	ND	ND	26	1	2	2	2	1.65	0.07	1	6	0.13	16	0.01	51	0.06	0.01	0.01	1	1	80
C 34 ✓	2	13	15	147	0.3	4	1	238	0.09	13	5	ND	ND	34	1	2	2	2	1.52	0.08	1	6	0.12	32	0.01	48	0.04	0.01	0.01	1	1	40
C 35 ✓	1	16	45	69	0.1	15	5	332	1.90	14	5	ND	ND	10	1	2	2	41	0.34	0.07	2	50	0.37	24	0.01	33	0.80	0.01	0.01	1	1	80
C 39 ✓	1	12	18	172	0.1	4	1	287	0.13	12	5	ND	ND	39	1	2	2	4	1.42	0.08	1	6	0.11	55	0.01	38	0.07	0.01	0.01	1	1	40
C 40 ✓	2	13	55	71	0.2	3	1	285	0.12	19	5	ND	ND	35	1	4	2	3	2.27	0.08	1	6	0.14	24	0.01	54	0.08	0.01	0.01	1	1	80
C 43 ✓	1	16	24	135	0.1	7	2	1328	0.09	11	5	ND	ND	26	1	2	5	3	0.87	0.11	1	6	0.09	91	0.01	46	0.06	0.01	0.01	1	1	80
C 44 ✓	1	29	50	67	0.1	13	6	195	1.51	23	5	ND	ND	7	2	2	2	36	0.15	0.09	3	34	0.21	58	0.01	25	0.74	0.01	0.01	1	1	80
C 47 ✓	1	17	15	59	0.1	4	1	272	0.66	8	5	ND	ND	9	1	2	2	2	0.40	0.1	1	3	0.05	20	0.01	35	0.06	0.01	0.01	1	1	28
C 48 ✓	1	11	28	50	0.1	4	1	31	0.22	2	5	ND	ND	5	1	2	2	5	0.08	0.04	1	8	0.03	13	0.01	24	0.11	0.01	0.01	1	1	80
C 53 ✓	1	41	13	90	0.1	5	1	291	0.66	10	5	ND	ND	21	1	2	2	2	0.74	0.1	1	6	0.09	50	0.01	45	0.04	0.01	0.01	1	1	80
C 54 ✓	1	13	34	46	0.1	3	1	68	0.16	8	5	ND	ND	9	1	2	2	4	0.22	0.08	1	6	0.04	22	0.01	28	0.13	0.01	0.01	1	1	80
C 60 ✓	1	19	23	109	0.2	4	1	688	0.08	12	5	ND	ND	29	2	2	2	2	1.34	0.12	1	5	0.1	79	0.01	47	0.06	0.01	0.01	1	1	80
C 61 ✓	1	37	89	55	0.1	15	7	55	0.86	15	5	ND	ND	13	3	2	2	19	0.38	0.09	5	21	0.09	50	0.01	34	0.53	0.01	0.01	1	1	80
C 66 ✓	1	21	16	174	0.3	3	3	996	0.05	18	5	ND	ND	29	2	3	2	2	1.64	0.12	1	3	0.16	85	0.01	51	0.05	0.01	0.01	1	1	40
C 67 ✓	1	27	64	62	0.1	7	5	375	0.47	14	5	ND	ND	19	2	2	2	12	0.62	0.07	3	14	0.07	95	0.01	31	0.31	0.01	0.01	1	1	80
C 71 ✓	1	16	20	143	0.2	4	1	789	0.06	16	5	ND	ND	32	1	4	3	3	1.70	0.12	1	5	0.13	84	0.01	46	0.04	0.01	0.01	2	1	40
C 72 ✓	1	19	67	65	0.7	6	5	2017	0.30	15	5	ND	ND	26	2	2	3	7	0.97	0.11	3	8	0.11	125	0.01	39	0.22	0.01	0.01	1	1	80
C 76 ✓	1	15	16	143	0.2	3	1	2399	0.07	15	5	ND	ND	27	1	5	2	3	1.14	0.12	1	3	0.12	84	0.01	48	0.08	0.01	0.01	2	1	40
C 77 ✓	1	11	31	65	0.3	5	2	1150	0.29	10	5	ND	ND	12	1	2	2	7	0.47	0.08	2	10	0.08	50	0.01	32	0.15	0.01	0.01	1	1	80
C 81 ✓	2	29	26	122	0.5	6	2	797	0.10	18	5	ND	ND	24	1	6	5	3	1.25	0.14	1	8	0.1	56	0.01	46	0.08	0.01	0.01	3	1	28
C 82 ✓	1	9	26	46	0.3	6	2	771	0.45	9	5	ND	ND	9	1	2	2	9	0.38	0.05	4	14	0.11	37	0.01	19	0.23	0.01	0.01	1	1	80
C 84 ✓	1	14	16	65	0.1	5	1	445	0.12	8	5	ND	ND	9	1	3	2	3	0.39	0.1	1	6	0.06	24	0.01	41	0.10	0.01	0.01	1	1	40
C 85 ✓	1	11	48	59	0.2	4	2	1447	0.23	9	5	ND	ND	11	1	2	2	6	0.36	0.08	2	8	0.06	73	0.01	29	0.15	0.01	0.01	1	1	80
C 89 ✓	1	17	19	104	0.5	5	3	659	0.10	17	5	ND	ND	41	1	4	5	3	1.61	0.16	2	6	0.14	66	0.01	54	0.08	0.01	0.01	3	1	40
C 90 ✓	2	13	42	26	0.1	6	3	472	0.29	11	5	ND	ND	22	1	2	3	6	0.61	0.1	4	8	0.07	87	0.01	25	0.24	0.01	0.01	1	1	80
C 95 ✓	1	20	12	95	0.1	5	1	1281	0.09	10	5	ND	ND	24	1	2	2	2	1.01	0.14	1	8	0.15	78	0.01	47	0.08	0.01	0.01	1	1	28
C 96 ✓	1	12	58	95	0.1	5	2	2056	0.21	13	5	ND	ND	18	1	2	2	5	0.64	0.12	2	8	0.07	111	0.01	37	0.16	0.01	0.01	1	1	80
C 100 ✓	1	17	28	62	0.2	4	1	321	0.12	12	5	ND	ND	19	1	2	2	3	0.89	0.1	1	6	0.08	82	0.01	45	0.07	0.01	0.01	1	1	28

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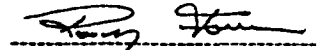
CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Humus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
101✓	1	10	35	21	0.1	4	1	25	0.19	8	5	ND	ND	10	1	2	2	4	0.20	0.06	1	6	0.06	21	0.01	43	0.13	0.01	0.01	1	1	40
105✓	1	13	15	92	0.1	5	1	245	0.06	13	5	ND	ND	25	1	2	2	2	1.07	0.11	1	5	0.13	38	0.01	55	0.04	0.01	0.01	1	1	28
106✓	1	7	34	41	0.1	4	1	50	0.18	12	5	ND	ND	19	1	2	2	5	0.54	0.07	1	6	0.06	25	0.01	51	0.12	0.01	0.01	1	1	80
109✓	1	13	19	107	0.1	4	1	82	0.11	13	5	ND	ND	56	1	2	2	3	0.82	0.12	1	8	0.11	100	0.01	59	0.06	0.01	0.01	1	1	80
110✓	1	11	32	43	0.2	4	1	419	0.08	17	5	ND	ND	49	1	2	2	3	1.63	0.07	1	5	0.2	38	0.01	53	0.05	0.01	0.01	3	1	80
115✓	1	18	14	92	0.1	5	3	266	0.08	13	5	ND	ND	51	1	2	3	2	1.10	0.08	1	8	0.1	92	0.01	41	0.05	0.01	0.01	1	1	28
116✓	1	19	46	39	0.2	19	7	231	1.10	13	5	ND	ND	24	1	2	2	19	0.37	0.09	6	35	0.32	95	0.01	28	0.89	0.01	0.01	1	1	80
119✓	1	14	20	48	0.1	4	2	466	0.10	12	5	ND	ND	23	1	2	2	3	0.95	0.1	1	6	0.1	53	0.01	44	0.07	0.01	0.01	3	1	40
120✓	2	18	26	23	0.1	6	2	55	0.38	15	5	ND	ND	30	1	2	2	7	0.96	0.09	4	10	0.09	48	0.01	49	0.27	0.01	0.01	1	1	80
123✓	1	14	13	74	0.2	6	1	398	0.09	10	5	ND	ND	14	1	2	2	2	0.87	0.13	1	6	0.06	54	0.01	48	0.10	0.01	0.01	2	1	40
124✓	1	11	33	26	0.2	5	2	48	0.86	8	5	ND	ND	6	1	2	2	23	0.10	0.03	5	19	0.06	57	0.03	15	0.39	0.01	0.01	1	1	80
126✓	1	22	13	141	0.2	5	2	624	0.10	12	5	ND	ND	35	2	2	2	3	1.13	0.12	1	5	0.14	64	0.01	47	0.06	0.01	0.01	2	1	28
129✓	1	15	63	53	0.1	8	4	308	0.52	12	5	ND	ND	18	1	2	2	11	0.46	0.11	3	16	0.11	41	0.02	48	0.31	0.01	0.01	1	1	80
133✓	2	36	12	101	0.3	5	1	686	0.06	15	5	ND	ND	36	1	2	2	2	1.41	0.13	1	8	0.13	65	0.01	51	0.04	0.01	0.01	1	1	28
134✓	1	22	54	23	0.2	8	3	338	0.27	10	5	ND	ND	27	1	2	3	6	0.65	0.07	8	8	0.05	170	0.01	33	0.20	0.01	0.01	1	1	80
138✓	1	14	16	63	0.2	4	1	519	0.12	15	5	ND	ND	57	1	2	2	3	1.51	0.11	1	5	0.12	45	0.01	55	0.07	0.01	0.01	2	1	40
139✓	2	10	19	31	0.1	6	2	193	0.34	11	5	ND	ND	27	1	2	2	6	1.04	0.05	4	11	0.11	19	0.01	36	0.19	0.01	0.01	1	1	80
143✓	2	16	12	84	0.2	5	2	359	0.07	9	5	ND	ND	21	1	2	2	2	0.82	0.12	1	6	0.09	57	0.01	47	0.05	0.01	0.01	1	1	28
144✓	1	14	20	16	0.2	8	3	16	0.21	11	5	ND	ND	31	2	2	2	5	0.20	0.05	5	6	0.03	98	0.01	26	0.27	0.01	0.01	1	1	80
145✓	1	13	9	141	0.1	3	2	473	0.08	11	5	ND	ND	36	1	2	2	2	1.04	0.14	1	5	0.11	46	0.01	53	0.06	0.01	0.01	1	1	40
149✓	1	14	66	51	0.1	7	2	142	0.20	9	5	ND	ND	31	2	2	2	5	0.53	0.08	1	8	0.06	79	0.01	37	0.17	0.01	0.01	1	1	80
151✓	2	15	19	62	0.1	7	2	317	0.14	9	5	ND	ND	8	1	2	2	3	0.35	0.11	1	8	0.05	23	0.01	43	0.13	0.01	0.01	1	1	80
152✓	1	7	22	34	0.1	4	1	160	0.46	2	5	ND	ND	4	1	2	2	11	0.12	0.05	3	13	0.04	19	0.01	21	0.15	0.01	0.01	1	1	80
154✓	1	14	10	48	0.1	5	1	781	0.07	9	5	ND	ND	20	1	2	2	2	0.74	0.12	3	5	0.09	32	0.01	54	0.06	0.01	0.01	1	1	40
159✓	1	10	20	41	0.1	7	2	411	0.41	6	5	ND	ND	7	1	2	2	8	0.20	0.08	2	13	0.06	34	0.01	29	0.21	0.01	0.01	1	1	80
158✓	1	15	5	68	0.1	4	2	715	0.08	12	5	ND	ND	49	1	2	2	2	1.07	0.19	2	3	0.15	68	0.01	60	0.06	0.01	0.01	2	1	40
159✓	1	12	37	20	0.2	7	2	119	0.24	8	5	ND	ND	26	1	2	3	6	0.36	0.03	3	8	0.03	122	0.01	18	0.19	0.01	0.01	1	1	80
162✓	1	13	7	50	0.3	3	1	707	0.06	8	5	ND	ND	20	1	2	2	2	0.61	0.08	1	3	0.07	57	0.01	40	0.05	0.01	0.01	1	1	40
163✓	1	11	30	38	0.1	4	1	100	0.36	9	5	ND	ND	12	1	2	2	6	0.31	0.07	1	8	0.05	47	0.01	40	0.18	0.01	0.01	1	1	80
164	1	13	65	105	0.3	3	15	23766	1.61	100	5	ND	ND	34	2	2	2	2	1.38	0.14	2	19	0.14	202	0.01	55	0.10	0.01	0.01	1	1	80
167✓	1	13	15	75	0.1	12	1	1428	0.14	13	5	ND	ND	12	1	2	2	2	0.60	0.14	1	6	0.07	56	0.01	49	0.10	0.01	0.01	1	1	40
168✓	1	10	33	24	0.1	4	1	61	0.46	8	5	ND	ND	5	1	2	2	9	0.08	0.05	2	13	0.04	33	0.01	15	0.26	0.01	0.01	1	1	80
172✓	1	13	19	58	0.1	4	1	484	0.09	9	5	ND	ND	8	1	2	2	2	0.47	0.11	1	5	0.06	29	0.01	50	0.08	0.01	0.01	1	1	40
173✓	1	11	46	25	0.1	5	1	598	0.25	12	5	ND	ND	14	1	2	2	5	0.44	0.09	2	8	0.04	76	0.01	26	0.17	0.01	0.01	1	1	80
176✓	1	13	20	56	0.1	4	1	150	0.09	7	5	ND	ND	9	1	2	2	2	0.49	0.12	1	3	0.06	28	0.01	50	0.08	0.01	0.01	1	1	40
179✓	1	15	34	36	0.3	5	1	214	0.23	8	5	ND	ND	14	1	2	3	6	0.48	0.06	2	8	0.06	78	0.01	25	0.14	0.01	0.01	1	1	80
181✓	1	12	20	146	0.3	3	1	287	0.10	11	5	ND	ND	17	1	2	2	3	1.04	0.12	1	5	0.09	29	0.01	47	0.05	0.01	0.01	1	1	40
182✓	1	7	39	104	0.2	3	1	64	0.11	11	5	ND	ND	10	1	2	2	3	1.02	0.08	1	5	0.05	12	0.01	43	0.07	0.01	0.01	2	1	80
186✓	2	13	19	96	0.2	3	1	264	0.09	10	5	ND	ND	24	1	2	2	2	0.99	0.11	1	5	0.11	63	0.01	52	0.05	0.01	0.01	1	1	40
187✓	1	16	13	15	0.7	3	1	140	0.19	17	5	ND	ND	39	1	2	2	3	3.53	0.06	2	5	0.23	40	0.01	43	0.20	0.01	0.01	2	1	80
191✓	1	13	15	90	0.4	4	1	358	0.08	12	5	ND	ND	28	1	2	2	2	1.12	0.13	1	5	0.09	60	0.01	52	0.05	0.01	0.01	1	1	40
192✓	2	10	18	21	0.3	5	1	36	0.19	16	5	ND	ND	36	1	2	2	8	1.37	0.08	2	6	0.15	32	0.01	60	0.20	0.01	0.01	1	1	80
196✓	1	16	12	75	0.3	4	1	246	0.07	11	5	ND	ND	34	1	3	2	2	1.18	0.14	1	6	0.1	42	0.01	46	0.05	0.01	0.01	2	1	28

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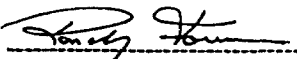
CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Mucus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 197✓	1	11	29	19	0.3	4	1	28	0.23	3	5	ND	ND	15	1	2	2	5	0.25	0.05	2	6	0.03	64	0.01	22	0.14	0.01	0.01	1	1	80
C 201✓	1	14	13	62	0.1	4	1	233	0.08	8	5	ND	ND	20	1	2	2	2	1.10	0.13	1	5	0.12	43	0.01	48	0.05	0.01	0.01	1	1	28
C 202✓	1	22	28	19	0.1	5	2	21	0.22	18	5	ND	ND	16	1	2	2	5	0.30	0.06	2	6	0.04	59	0.01	37	0.16	0.01	0.01	1	1	80
C 206✓	1	16	14	76	0.3	5	2	560	0.08	16	5	ND	ND	22	1	2	2	3	1.16	0.14	1	6	0.13	40	0.01	50	0.06	0.01	0.01	2	1	40
C 207✓	1	12	19	103	0.1	3	3	1553	0.42	7	5	ND	ND	8	1	2	2	9	0.25	0.05	3	13	0.04	104	0.01	17	0.17	0.01	0.01	1	1	80
C 210✓	2	10	45	48	0.1	4	1	64	0.23	8	5	ND	ND	15	1	2	2	5	0.24	0.07	2	10	0.04	58	0.01	29	0.16	0.01	0.01	1	1	80
C 211✓	1	13	18	69	0.1	4	1	419	0.10	10	5	ND	ND	11	1	2	2	3	0.55	0.14	1	5	0.06	31	0.01	44	0.09	0.01	0.01	1	1	40
C 215✓	1	12	20	101	0.1	3	1	628	0.08	11	5	ND	ND	17	1	2	2	2	1.01	0.09	1	5	0.08	49	0.01	50	0.05	0.01	0.01	1	1	40
C 216✓	2	11	36	42	0.3	4	1	216	0.16	24	5	ND	ND	27	1	2	2	4	2.42	0.07	1	6	0.2	25	0.01	52	0.15	0.01	0.01	4	1	80
C 219✓	1	14	19	129	0.1	6	1	362	0.17	13	5	ND	ND	51	1	2	2	4	1.06	0.12	1	11	0.12	50	0.01	67	0.09	0.01	0.01	2	1	80
C 220✓	1	10	21	29	0.1	2	1	38	0.14	28	5	ND	ND	22	1	2	2	3	2.17	0.07	1	5	0.22	10	0.01	57	0.10	0.01	0.01	3	1	80
C 223✓	1	9	13	38	0.1	1	1	306	0.04	16	5	ND	ND	40	1	2	2	2	1.61	0.08	1	3	0.08	24	0.01	44	0.03	0.01	0.01	3	1	40
C 224✓	2	12	25	43	0.2	3	1	1724	0.31	26	5	ND	ND	33	1	2	2	3	3.07	0.09	1	8	0.21	34	0.01	63	0.14	0.01	0.01	2	1	80
C 228✓	2	21	11	75	0.1	3	1	729	0.05	16	5	ND	ND	35	1	2	2	2	1.35	0.14	1	3	0.13	64	0.01	48	0.04	0.01	0.01	2	1	40
C 229✓	2	21	59	23	0.4	9	3	1068	0.29	9	5	ND	ND	31	1	2	2	6	0.73	0.07	5	10	0.06	154	0.01	26	0.18	0.01	0.01	1	1	80
C 232✓	1	15	10	68	0.2	3	1	601	0.05	16	5	ND	ND	39	1	2	2	2	1.58	0.15	1	5	0.14	73	0.01	48	0.04	0.01	0.01	2	1	28
C 233✓	1	7	30	16	0.2	3	2	1472	0.30	7	5	ND	ND	9	1	2	2	7	0.24	0.05	3	8	0.04	94	0.01	14	0.15	0.01	0.01	1	1	80
C 238✓	1	13	13	67	0.1	3	1	352	0.06	14	5	ND	ND	21	1	2	2	2	0.91	0.15	1	6	0.1	31	0.01	49	0.05	0.01	0.01	1	1	28
C 239✓	2	11	38	47	0.1	4	1	903	0.19	8	5	ND	ND	15	1	2	2	4	0.53	0.11	1	6	0.07	54	0.01	39	0.15	0.01	0.01	1	1	80
C 244✓	1	14	19	85	0.1	3	1	739	0.08	13	5	ND	ND	11	1	2	2	2	0.54	0.13	1	5	0.07	49	0.01	47	0.05	0.01	0.01	1	1	40
C 245✓	1	9	21	34	0.1	3	1	80	0.11	15	5	ND	ND	15	1	2	2	3	0.59	0.06	1	5	0.09	20	0.01	39	0.08	0.01	0.01	1	1	80
C 248✓	2	10	16	51	0.1	3	1	238	0.05	14	5	ND	ND	30	1	2	2	1	1.53	0.07	1	6	0.1	22	0.01	49	0.03	0.01	0.01	2	1	40
C 249✓	1	6	35	36	0.2	3	1	28	0.16	12	5	ND	ND	15	1	4	2	4	0.71	0.05	1	6	0.05	16	0.01	38	0.10	0.01	0.01	1	1	80
C 252✓	1	13	9	45	0.1	3	1	240	0.09	8	5	ND	ND	6	1	2	2	2	0.38	0.11	1	3	0.05	19	0.01	38	0.07	0.01	0.01	1	1	40
C 253✓	1	35	28	41	0.2	9	8	251	1.95	3	5	ND	ND	4	1	2	2	49	0.08	0.03	4	29	0.39	29	0.04	13	0.82	0.01	0.01	1	1	80
C 256✓	2	14	18	61	0.2	5	1	350	0.19	7	5	ND	ND	9	1	2	2	4	0.42	0.12	1	8	0.07	21	0.01	43	0.13	0.01	0.01	1	1	80
C 257✓	1	7	31	20	0.1	4	1	165	0.27	2	5	ND	ND	5	1	2	2	6	0.10	0.06	2	10	0.03	29	0.01	16	0.14	0.01	0.01	1	1	80
C 261✓	1	12	15	66	0.1	4	1	259	0.09	4	5	ND	ND	7	1	2	2	2	0.35	0.08	1	8	0.07	37	0.01	36	0.06	0.01	0.01	1	1	28
C 262✓	1	7	9	4	0.2	3	1	19	0.11	2	5	ND	ND	8	1	2	2	3	0.07	0.04	3	5	0.01	45	0.01	12	0.17	0.01	0.01	1	1	80
C 263✓	2	15	12	21	0.8	6	2	726	0.36	18	5	ND	ND	36	2	2	2	6	3.52	0.08	11	13	0.28	34	0.01	45	0.41	0.01	0.01	5	1	80
C 268✓	1	13	16	39	0.2	4	1	844	0.09	7	5	ND	ND	30	1	2	3	2	1.08	0.13	1	5	0.14	86	0.01	51	0.08	0.01	0.01	3	1	40
C 269✓	1	9	14	16	0.1	5	2	20	0.28	5	5	ND	ND	8	1	2	6	7	0.12	0.03	3	8	0.02	30	0.01	15	0.22	0.01	0.01	1	1	80
C 273✓	1	13	10	42	0.1	4	2	349	0.06	15	5	ND	ND	31	1	2	2	2	1.48	0.14	1	3	0.14	39	0.01	45	0.04	0.01	0.01	2	1	40
C 278✓	1	14	10	68	0.1	4	2	469	0.06	11	5	ND	ND	32	1	2	2	2	1.40	0.15	1	5	0.12	52	0.01	48	0.04	0.01	0.01	2	1	28
C 279✓	1	11	10	10	0.1	4	2	55	0.14	7	5	ND	ND	26	1	2	2	4	0.46	0.04	4	5	0.03	118	0.01	21	0.16	0.01	0.01	1	1	80
C 282✓	2	15	6	62	0.1	5	1	656	0.04	14	5	ND	ND	30	1	2	2	2	1.96	0.16	1	3	0.13	46	0.01	53	0.04	0.01	0.01	2	1	40
C 283✓	2	9	33	29	0.1	5	1	68	0.18	25	5	ND	ND	13	1	2	2	4	0.48	0.08	1	5	0.06	24	0.01	49	0.14	0.01	0.01	1	1	80
C 286✓	1	14	9	73	0.1	4	1	717	0.05	16	5	ND	ND	37	1	2	2	2	1.89	0.14	1	5	0.12	95	0.01	44	0.05	0.01	0.01	3	1	40
C 287✓	1	10	6	10	0.1	4	1	164	0.23	3	5	ND	ND	4	1	2	2	6	0.13	0.03	2	8	0.02	33	0.01	9	0.13	0.01	0.01	1	1	80
C 292✓	1	15	13	72	0.1	4	1	409	0.08	9	5	ND	ND	19	1	2	2	2	1.03	0.18	1	5	0.09	47	0.01	48	0.07	0.01	0.01	1	1	40
C 293✓	1	13	31	32	0.1	5	3	488	0.37	10	5	ND	ND	17	1	2	2	8	0.78	0.09	3	16	0.07	44	0.01	33	0.22	0.01	0.01	1	1	80
C 296✓	1	16	12	87	0.1	5	1	660	0.08	10	5	ND	ND	18	1	2	3	3	0.82	0.1	1	6	0.08	38	0.01	38	0.08	0.01	0.01	2	1	28
C 297✓	2	141	170	81	0.1	12	15	952	2.56	63	5	ND	ND	12	1	2	2	34	0.41	0.1	4	40	0.22	49	0.01	31	0.68	0.01	0.01	1	1	80

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WAWA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Wawa, Ontario
POB 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Munus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 300✓	1	14	15	62	0.1	3	1	225	0.09	8	5	ND	ND	16	1	2	2	3	0.62	0.08	1	3	0.08	44	0.01	39	0.05	0.01	0.01	2	1	40
C 301✓	1	12	27	21	0.1	5	1	34	0.25	4	5	ND	ND	18	1	2	2	5	0.16	0.06	3	8	0.02	90	0.01	19	0.19	0.01	0.01	1	1	80
C 304✓	1	12	20	58	0.2	6	1	486	0.12	13	5	ND	ND	24	1	2	2	3	1.91	0.08	1	10	0.09	31	0.01	42	0.08	0.01	0.01	3	1	40
C 305✓	1	9	44	35	0.5	3	1	2676	0.31	19	5	ND	ND	32	1	2	2	2	2.22	0.07	1	5	0.15	54	0.01	53	0.09	0.01	0.01	3	1	80
C 308✓	1	13	12	62	0.1	7	1	327	0.11	7	5	ND	ND	11	1	2	2	2	0.45	0.11	1	8	0.06	25	0.01	47	0.08	0.01	0.01	1	1	80
C 309✓	1	10	39	18	0.1	5	1	19	0.18	3	5	ND	ND	19	1	2	3	4	0.17	0.03	3	6	0.03	104	0.01	15	0.16	0.01	0.01	1	1	80
C 313✓	1	13	16	49	0.3	3	2	178	0.07	13	5	ND	ND	33	1	2	2	2	1.18	0.1	1	5	0.09	41	0.01	41	0.05	0.01	0.01	4	1	40
C 314✓	1	7	20	9	0.1	4	1	13	0.14	7	5	ND	ND	16	1	2	2	4	0.24	0.03	2	5	0.03	45	0.01	21	0.14	0.01	0.01	1	1	80
C 318✓	1	11	10	51	0.1	4	3	567	0.04	14	5	ND	ND	41	1	2	5	3	1.05	0.12	1	3	0.13	58	0.01	40	0.03	0.01	0.01	2	1	40
C 319✓	1	9	36	23	0.1	4	1	177	0.16	11	5	ND	ND	19	1	2	2	4	0.34	0.08	1	5	0.04	77	0.01	35	0.10	0.01	0.01	1	1	80
C 320✓	1	384	91	60	0.1	12	7	222	1.88	29	5	ND	ND	8	1	2	2	20	0.17	0.08	6	35	0.14	18	0.01	30	0.46	0.01	0.01	1	1	80
C 329✓	1	21	19	82	0.1	6	2	690	0.13	15	5	ND	ND	27	1	2	2	3	0.92	0.13	1	8	0.09	76	0.01	49	0.07	0.01	0.01	2	1	40
C 330✓	1	19	22	23	0.1	7	3	52	0.39	10	5	ND	ND	13	1	2	2	7	0.20	0.06	3	11	0.04	55	0.01	17	0.26	0.01	0.01	1	1	80
C 332✓	1	142	29	39	0.1	7	4	228	0.42	10	5	ND	ND	18	1	2	2	7	0.45	0.08	6	11	0.08	52	0.01	23	0.32	0.01	0.01	1	1	80
C 333✓	1	43	33	21	0.1	6	4	25	0.41	11	5	ND	ND	12	1	2	2	9	0.20	0.06	5	11	0.04	54	0.01	17	0.32	0.01	0.01	1	1	80
C 335✓	1	16	10	56	0.1	7	2	392	0.24	10	5	ND	ND	28	1	2	2	3	0.85	0.08	1	11	0.14	30	0.01	44	0.13	0.01	0.01	2	1	80
C 336✓	1	51	70	29	0.8	25	18	334	0.85	24	5	ND	ND	41	2	2	2	12	0.91	0.06	19	19	0.11	122	0.02	20	0.80	0.01	0.01	1	1	80
C 338✓	2	15	16	50	0.1	6	1	219	0.16	12	5	ND	ND	9	1	2	2	3	0.34	0.14	1	6	0.06	21	0.01	46	0.16	0.01	0.01	1	1	80
C 339✓	1	13	39	48	0.1	6	3	52	0.53	15	5	ND	ND	6	1	2	2	8	0.09	0.08	3	11	0.05	17	0.01	29	0.32	0.01	0.01	1	1	40
C 342✓	1	15	18	62	0.1	4	1	225	0.13	11	5	ND	ND	12	1	2	2	3	0.42	0.11	1	6	0.05	23	0.01	42	0.10	0.01	0.01	1	1	80
C 343✓	2	13	46	54	0.1	6	3	50	0.41	12	5	ND	ND	7	1	2	2	6	0.11	0.08	2	10	0.05	16	0.01	33	0.29	0.01	0.01	1	1	80
C 349✓	1	13	7	48	0.1	2	1	224	0.09	10	5	ND	ND	9	1	2	2	2	0.48	0.12	1	3	0.07	15	0.01	45	0.08	0.01	0.01	1	1	40
C 350✓	1	9	30	16	0.1	3	1	727	0.19	6	5	ND	ND	9	1	2	2	5	0.31	0.1	2	6	0.04	33	0.01	24	0.16	0.01	0.01	1	1	80
C 355✓	1	11	5	42	0.1	2	1	658	0.03	10	5	ND	ND	19	1	2	2	1	0.86	0.09	1	3	0.12	45	0.01	34	0.02	0.01	0.01	1	1	28
C 356✓	2	13	39	14	0.1	4	1	91	0.16	14	5	ND	ND	16	1	2	2	4	0.51	0.08	1	5	0.06	42	0.01	47	0.13	0.01	0.01	1	1	80
C 359✓	2	7	55	20	0.1	3	1	21	0.21	22	5	ND	ND	15	1	2	2	4	1.13	0.07	1	6	0.14	27	0.01	33	0.16	0.01	0.01	1	1	80
C 363✓	1	14	21	60	0.1	4	1	360	0.07	11	5	ND	ND	20	1	2	2	2	0.96	0.12	1	6	0.12	32	0.01	46	0.06	0.01	0.01	1	1	80
C 364✓	1	13	34	36	0.1	9	5	1089	1.24	16	5	ND	ND	10	1	2	2	27	0.29	0.05	5	27	0.12	103	0.04	14	0.49	0.01	0.01	1	1	28
C 367✓	1	19	9	117	0.1	4	3	698	0.08	13	5	ND	ND	30	1	2	2	3	1.07	0.15	1	3	0.14	43	0.01	51	0.06	0.01	0.01	1	1	40
C 368✓	1	22	56	20	0.1	11	6	71	0.54	6	5	ND	ND	14	1	2	2	11	0.23	0.08	5	14	0.06	116	0.01	14	0.49	0.01	0.01	1	1	80
C 371✓	1	14	15	49	0.1	5	1	462	0.09	9	5	ND	ND	17	1	2	3	3	0.60	0.14	1	5	0.12	43	0.01	50	0.07	0.01	0.01	1	1	40
C 372✓	1	11	38	37	0.1	5	2	151	0.25	15	5	ND	ND	11	1	2	2	4	0.36	0.09	1	8	0.06	21	0.01	43	0.21	0.01	0.01	1	1	80
C 375✓	1	13	22	43	0.1	4	1	376	0.09	8	5	ND	ND	12	1	2	2	3	0.54	0.12	1	5	0.07	39	0.01	43	0.09	0.01	0.01	2	1	40
C 376✓	1	24	74	21	0.1	11	6	48	0.62	10	5	ND	ND	18	1	2	2	9	0.22	0.07	6	13	0.05	145	0.01	23	0.42	0.01	0.01	1	1	80
C 383✓	2	11	42	41	0.1	4	1	1124	0.20	23	5	ND	ND	27	1	2	2	4	1.46	0.1	1	5	0.11	35	0.01	54	0.14	0.01	0.01	2	1	80
C 392✓	1	12	11	94	0.1	3	1	1006	0.05	14	5	ND	ND	25	1	2	2	2	1.11	0.14	1	3	0.11	79	0.01	41	0.05	0.01	0.01	1	1	40
C 393✓	1	12	40	41	0.1	5	2	47	0.31	9	5	ND	ND	13	1	2	2	6	0.29	0.09	2	8	0.06	39	0.01	41	0.21	0.01	0.01	1	1	80
C 397✓	2	18	16	71	0.1	8	5	1207	1.48	12	5	ND	ND	15	1	2	2	22	0.45	0.1	3	24	0.11	90	0.01	21	0.34	0.01	0.01	1	1	80
C 398✓	2	32	40	114	0.1	17	19	2357	4.93	66	5	ND	ND	18	2	2	2	51	0.39	0.14	5	62	0.29	158	0.01	16	0.77	0.01	0.01	1	2	80
C 399✓	1	17	3	51	0.2	6	5	715	3.40	18	5	ND	ND	7	1	2	2	43	0.15	0.08	4	42	0.09	34	0.03	9	0.47	0.01	0.01	1	1	80
C 402✓	1	17	6	75	0.4	8	2	510	0.29	8	5	ND	ND	17	1	2	2	5	0.90	0.14	1	11	0.16	49	0.01	43	0.15	0.01	0.01	2	1	28
C 403✓	2	16	53	75	0.1	6	6	353	1.72	14	5	ND	ND	10	1	2	2	48	0.41	0.13	2	29	0.2	27	0.07	50	0.46	0.01	0.01	1	1	80
C 407✓	2	17	8	56	0.3	6	2	351	0.18	10	5	ND	ND	17	1	2	2	5	0.97	0.13	1	6	0.13	28	0.01	42	0.10	0.01	0.01	1	1	40

Certified By: 

NAWA ASSAYING INC.

127 Mission Road
P. D. Box 1998
Nawa, Ontario
POS 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Humus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 412✓	1	14	12	77	0.3	3	1	520	0.10	12	5	ND	ND	23	1	2	2	3	1.38	0.12	1	3	0.17	45	0.01	54	0.06	0.01	0.01	3	1	40
C 413✓	2	11	38	19	0.4	5	2	335	0.29	21	5	ND	ND	36	1	2	2	7	2.37	0.1	2	5	0.18	27	0.01	54	0.22	0.01	0.01	3	1	80
C 415✓	1	7	34	56	0.1	4	1	69	0.17	10	5	ND	ND	11	1	2	2	4	0.56	0.08	1	3	0.06	23	0.01	52	0.11	0.01	0.01	2	1	80
C 417✓	1	12	10	75	0.1	3	1	200	0.11	9	5	ND	ND	7	1	2	2	2	0.61	0.09	1	3	0.08	24	0.01	44	0.06	0.01	0.01	1	1	40
C 418✓	1	18	14	10	0.3	3	1	184	0.11	17	5	ND	ND	43	1	4	2	6	3.57	0.07	2	3	0.2	27	0.01	42	0.15	0.01	0.01	4	1	80
C 420✓	1	10	9	59	0.1	3	1	527	0.05	15	5	ND	ND	17	1	2	2	2	1.41	0.13	1	3	0.2	50	0.01	49	0.04	0.01	0.01	2	1	40
C 421✓	1	15	73	14	0.1	4	3	898	0.28	20	5	ND	ND	27	1	3	2	6	1.93	0.11	3	6	0.19	26	0.01	58	0.21	0.01	0.01	5	1	80
C 425✓	1	11	27	60	0.2	4	1	177	0.15	13	5	ND	ND	17	1	4	2	4	1.39	0.12	1	6	0.09	21	0.01	56	0.09	0.01	0.01	3	1	40
C 426✓	1	11	10	14	0.2	5	3	493	0.66	16	5	ND	ND	13	1	3	2	8	1.20	0.07	7	18	0.41	22	0.02	29	0.27	0.01	0.01	2	1	80
C 429✓	1	12	13	186	0.2	2	1	342	0.08	11	5	ND	ND	18	1	4	2	3	1.43	0.11	1	5	0.23	38	0.01	56	0.04	0.01	0.01	3	1	40
C 430✓	1	15	16	23	0.5	7	5	240	0.81	17	5	ND	ND	21	1	3	2	12	1.98	0.07	8	22	0.52	39	0.02	27	0.45	0.01	0.01	4	1	80
C 435✓	1	15	13	58	0.2	4	2	712	0.10	11	5	ND	ND	39	1	2	2	2	1.34	0.14	1	6	0.18	91	0.01	46	0.05	0.01	0.01	3	1	40
C 436✓	1	30	41	9	0.1	12	5	24	0.46	12	5	ND	ND	25	1	2	2	9	0.42	0.06	7	14	0.07	73	0.01	20	0.38	0.01	0.01	1	1	80
C 438✓	1	12	14	63	0.1	7	2	267	0.16	10	5	ND	ND	23	1	2	2	4	0.54	0.12	1	10	0.09	45	0.01	43	0.13	0.01	0.01	1	1	40
C 441✓	1	12	6	35	0.1	3	2	363	0.04	7	5	ND	ND	40	1	2	2	2	1.11	0.11	1	3	0.13	35	0.01	41	0.03	0.01	0.01	4	1	40
C 442✓	1	13	14	14	0.1	4	3	49	0.43	7	5	ND	ND	7	1	2	2	10	0.12	0.03	6	11	0.04	28	0.02	12	0.28	0.01	0.01	1	1	80
C 444✓	1	11	8	44	0.1	3	1	367	0.09	5	5	ND	ND	8	1	2	2	2	0.37	0.11	1	5	0.06	13	0.01	37	0.08	0.01	0.01	1	1	40
C 445✓	2	11	9	40	0.1	3	1	302	0.07	8	5	ND	ND	10	1	2	2	2	0.52	0.11	1	5	0.07	22	0.01	39	0.06	0.01	0.01	1	1	40
C 448✓	2	13	9	64	0.1	3	1	571	0.05	11	5	ND	ND	25	1	2	2	1	1.17	0.13	1	5	0.12	42	0.01	40	0.04	0.01	0.01	3	1	40
C 451✓	1	12	14	66	0.1	4	1	376	0.08	9	5	ND	ND	12	1	2	2	2	0.65	0.13	1	5	0.07	18	0.01	38	0.09	0.01	0.01	2	1	40
C 453✓	1	11	6	110	0.1	2	1	346	0.03	8	5	ND	ND	23	1	2	2	1	0.91	0.08	1	3	0.14	40	0.01	46	0.02	0.01	0.01	2	1	40
C 454✓	2	20	10	16	0.5	1	1	128	0.13	21	5	ND	ND	42	1	4	2	3	3.63	0.07	1	5	0.23	30	0.01	50	0.13	0.01	0.01	3	1	80
C 456✓	2	14	21	93	0.1	4	2	1586	0.13	8	5	ND	ND	12	1	2	2	2	0.68	0.14	1	8	0.1	45	0.01	43	0.09	0.01	0.01	2	1	40
C 459✓	1	13	11	69	0.1	4	2	821	0.08	10	5	ND	ND	29	1	2	2	2	1.07	0.17	1	6	0.14	53	0.01	49	0.06	0.01	0.01	2	1	40
C 462✓	1	9	13	51	0.1	4	1	478	0.07	11	5	ND	ND	16	1	2	2	2	0.92	0.1	1	8	0.08	22	0.01	41	0.04	0.01	0.01	2	1	40
C 463✓	2	7	23	28	0.2	3	1	93	0.27	20	5	ND	ND	16	1	2	2	3	1.78	0.11	1	6	0.14	20	0.01	63	0.10	0.01	0.01	4	1	80
C 465✓	1	6	7	23	0.1	2	1	101	0.08	4	5	ND	ND	5	1	2	2	2	0.23	0.06	1	5	0.04	7	0.01	26	0.06	0.01	0.01	1	1	40
C 466✓	1	13	27	23	0.3	7	6	132	0.82	11	5	ND	ND	4	1	2	2	15	0.07	0.03	5	22	0.08	32	0.03	12	0.45	0.01	0.01	1	1	80
C 470✓	1	20	31	50	0.1	10	4	238	0.49	9	5	ND	ND	9	1	2	2	7	0.30	0.09	2	16	0.14	27	0.01	34	0.29	0.01	0.01	1	1	40
C 471✓	1	17	54	31	0.1	7	5	33	0.54	7	5	ND	ND	8	1	2	2	9	0.09	0.08	9	16	0.05	96	0.01	14	0.50	0.01	0.01	1	1	80
C 477✓	1	13	15	184	0.3	6	1	1926	0.08	13	5	ND	ND	33	1	2	2	2	1.26	0.14	1	8	0.16	93	0.01	49	0.05	0.01	0.01	1	1	40
C 478✓	2	60	67	63	0.7	21	15	1657	1.65	33	5	ND	ND	43	3	2	2	16	1.16	0.16	13	32	0.22	123	0.01	31	0.84	0.01	0.01	4	1	40
C 482✓	1	13	12	149	0.1	7	2	1643	0.11	16	5	ND	ND	22	1	2	2	3	1.05	0.11	1	11	0.15	87	0.01	50	0.07	0.01	0.01	1	1	80
C 483✓	1	10	29	28	0.1	7	3	390	0.89	6	5	ND	ND	10	1	2	5	19	0.33	0.03	4	21	0.08	43	0.03	15	0.27	0.01	0.01	1	1	40
C 486✓	1	10	12	98	0.1	4	1	379	0.06	10	5	ND	ND	25	1	2	2	2	1.33	0.14	1	6	0.1	44	0.01	44	0.03	0.01	0.01	2	1	40
C 487✓	2	15	64	24	0.2	10	6	1888	0.52	15	5	ND	ND	21	2	2	2	11	0.61	0.08	6	14	0.08	176	0.02	26	0.31	0.01	0.01	1	1	80
C 492✓	1	12	25	90	0.1	4	1	596	0.13	10	5	ND	ND	23	1	2	2	3	1.06	0.18	1	8	0.13	70	0.01	56	0.09	0.01	0.01	4	1	40
C 493✓	1	10	41	10	0.2	6	4	133	0.21	7	5	ND	ND	21	1	2	2	5	0.50	0.05	5	8	0.06	100	0.01	26	0.19	0.01	0.01	1	1	80
C 498✓	1	12	16	81	0.2	7	2	416	0.08	14	5	ND	ND	36	1	2	2	4	1.71	0.15	6	12	0.18	54	0.01	57	0.06	0.01	0.01	3	1	28
C 499✓	1	10	23	16	0.3	5	2	86	0.26	7	5	ND	ND	15	1	2	2	7	0.36	0.03	4	10	0.05	92	0.01	16	0.22	0.01	0.01	1	1	80
C 503✓	1	12	12	107	0.1	3	1	748	0.07	14	5	ND	ND	14	1	2	2	2	1.09	0.11	1	6	0.19	50	0.01	59	0.04	0.01	0.01	1	1	40
C 504✓	2	15	38	16	0.5	5	3	101	0.27	27	5	ND	ND	26	1	2	2	5	2.39	0.08	2	8	0.23	28	0.01	78	0.21	0.01	0.01	4	1	80
C 507✓	2	13	24	68	0.4	6	2	647	0.20	14	5	ND	ND	29	1	2	2	4	1.66	0.13	1	10	0.11	92	0.01	55	0.13	0.01	0.01	4	1	80

Certified By: 

WAWA ASSAYING INC.

127 Mission Road
P. O. Box 1998
Wawa, Ontario
POS 1K0

CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Mucus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Ko ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh										
C 510✓	1	15	33	51	0.1	9	2	216	0.10	9	5	ND	ND	11	1	2	10	4	0.55	0.12	1	8	0.09	38	0.01	50	0.08	0.01	0.01	3	1	40										
C 511✓	1	5	12	9	0.1	3	1	28	0.17	4	5	ND	ND	8	1	2	2	5	0.21	0.03	3	6	0.03	37	0.01	21	0.15	0.01	0.01	1	1	80										
C 516✓	1	13	10	140	0.1	2	1	1495	0.05	10	5	ND	ND	43	2	5	2	2	1.20	0.17	1	3	0.16	114	0.01	57	0.04	0.01	0.01	3	1	40										
C 517✓	1	7	12	9	0.1	3	3	38	0.35	2	5	ND	ND	10	1	2	2	10	0.13	0.03	7	11	0.06	52	0.03	10	0.38	0.01	0.01	1	1	80										
C 520✓	2	14	14	116	0.1	5	1	2589	0.11	13	5	ND	ND	49	1	2	2	2	1.31	0.16	1	8	0.13	162	0.01	51	0.08	0.01	0.01	3	1	80										
C 529✓	1	13	5	73	0.2	4	4	1241	0.05	13	5	ND	ND	76	1	2	2	2	1.51	0.17	1	5	0.18	107	0.01	48	0.04	0.01	0.01	4	1	40										
C 533✓	1	13	12	60	0.1	4	2	524	0.08	14	5	ND	ND	26	1	4	2	3	0.95	0.14	1	5	0.09	49	0.01	53	0.10	0.01	0.01	5	1	40										
C 534✓	1	16	20	19	0.1	6	6	74	0.71	6	5	ND	ND	12	1	2	2	14	0.16	0.03	10	18	0.07	57	0.02	13	0.56	0.01	0.01	1	1	80										
C 539✓	1	12	15	87	0.1	4	2	980	0.10	13	5	ND	ND	72	1	3	2	2	1.42	0.16	1	6	0.15	154	0.01	51	0.07	0.01	0.01	3	1	40										
C 540✓	1	34	27	23	0.1	13	10	112	0.83	10	5	ND	ND	16	1	2	2	10	0.17	0.08	19	19	0.07	70	0.02	16	0.89	0.01	0.01	1	1	80										
C 544✓	2	14	11	126	0.1	6	1	856	0.10	13	5	ND	ND	53	1	2	2	3	1.52	0.12	1	10	0.18	119	0.01	51	0.06	0.01	0.01	2	1	40										
C 545✓	2	18	40	29	0.4	10	9	517	0.76	18	5	ND	ND	58	1	2	2	13	1.26	0.11	14	19	0.19	72	0.02	42	0.54	0.01	0.01	2	1	40										
C 547✓	1	12	8	53	0.1	4	1	272	0.09	9	5	ND	ND	15	1	2	2	3	0.82	0.14	1	5	0.08	27	0.01	51	0.11	0.01	0.01	2	1	80										
C 548✓	1	26	25	53	0.1	14	15	1709	1.36	13	5	ND	ND	15	1	2	2	23	0.27	0.08	14	32	0.12	180	0.04	13	0.99	0.01	0.01	1	1	80										
C 551✓	1	11	16	60	0.1	4	1	747	0.13	13	5	ND	ND	43	1	2	2	3	1.10	0.14	1	5	0.1	124	0.01	52	0.11	0.01	0.01	3	1	40										
C 552✓	1	6	25	22	0.1	6	4	116	0.83	11	5	ND	ND	12	1	2	2	18	0.21	0.03	4	21	0.09	41	0.03	12	0.36	0.01	0.01	1	1	80										
C 555✓	1	15	95	212	0.1	10	2	1297	0.16	9	5	ND	ND	37	1	2	2	2	1.07	0.15	1	13	0.13	101	0.01	47	0.09	0.01	0.01	1	1	28										
C 556✓	2	12	38	25	0.1	9	5	89	0.29	12	5	ND	ND	37	1	2	2	5	0.54	0.08	6	10	0.07	84	0.01	42	0.30	0.01	0.01	1	1	80										
C 559✓	1	12	13	100	0.1	16	2	384	0.09	14	5	ND	ND	23	1	2	2	2	0.91	0.14	1	27	0.09	32	0.01	45	0.10	0.01	0.01	2	1	40										
C 560✓	1	32	35	42	0.1	13	14	275	1.51	21	5	ND	ND	11	1	2	2	19	0.17	0.13	15	30	0.08	70	0.01	20	0.94	0.01	0.01	1	1	80										
C 564✓	1	14	13	121	0.1	5	2	576	0.10	17	5	ND	ND	70	2	2	2	3	2.01	0.2	1	6	0.2	195	0.01	64	0.07	0.01	0.01	4	1	40										
C 568✓	1	13	11	66	0.1	6	2	773	0.06	11	5	ND	ND	32	1	2	2	3	0.94	0.15	1	8	0.17	50	0.01	50	0.05	0.01	0.01	3	1	28										
C 569✓	1	14	33	27	0.1	7	5	64	0.56	18	5	ND	ND	17	1	4	2	13	0.35	0.08	5	16	0.07	67	0.01	23	0.37	0.01	0.01	1	1	80										
C 571✓	1	14	24	74	0.2	4	2	472	0.20	14	5	ND	ND	17	1	2	2	5	1.32	0.12	1	6	0.11	67	0.01	48	0.13	0.01	0.01	3	1	40										
C 574✓	1	11	16	80	0.1	4	1	568	0.11	11	5	ND	ND	15	1	2	2	3	0.59	0.13	1	6	0.1	86	0.01	48	0.07	0.01	0.01	1	1	40										
C 575✓	1	18	14	42	0.1	4	3	65	0.38	5	5	ND	ND	8	1	2	2	11	0.16	0.03	5	13	0.04	64	0.03	11	0.31	0.01	0.01	1	1	80										
C 578✓	1	10	13	97	0.1	4	1	286	0.10	12	5	ND	ND	9	1	2	2	3	0.47	0.1	1	8	0.06	30	0.01	39	0.09	0.01	0.01	1	1	40										
C 579✓	1	5	15	22	0.1	2	2	228	0.29	4	5	ND	ND	5	1	2	2	9	0.16	0.03	3	10	0.04	30	0.02	9	0.21	0.01	0.01	1	1	80										
C 582✓	1	14	10	195	0.1	6	1	1080	0.08	14	5	ND	ND	26	1	2	2	2	1.17	0.16	1	8	0.13	79	0.01	56	0.07	0.01	0.01	3	1	40										
C 583✓	2	28	83	42	0.1	15	13	2292	0.66	12	5	ND	ND	22	2	2	4	13	0.64	0.09	6	14	0.11	160	0.01	25	0.40	0.01	0.01	1	1	80										
C 588	plant analysis to follow												ND																													
C 610✓	1	32	15	158	0.2	8	4	524	0.15	11	5	ND	ND	20	1	2	2	3	1.38	0.15	1	18	0.14	68	0.01	51	0.07	0.01	0.01	2	1	28										
C 611✓	1	11	27	33	0.1	5	6	1652	0.48	5	5	ND	ND	11	1	2	2	9	0.45	0.06	5	13	0.08	111	0.02	23	0.37	0.01	0.01	1	1	80										
C 615✓	1	25	14	93	0.1	5	2	418	0.05	10	5	ND	ND	17	1	2	2	2	0.93	0.14	1	8	0.08	42	0.01	57	0.06	0.01	0.01	2	1	28										
C 616✓	1	12	40	19	0.3	6	4	497	0.31	4	5	ND	ND	17	1	2	3	7	0.39	0.05	5	11	0.05	107	0.01	23	0.22	0.01	0.01	1	1	80										
C 619✓	1	32	13	98	0.1	24	2	947	0.10	14	5	ND	ND	24	1	2	3	3	1.31	0.17	1	10	0.13	69	0.01	58	0.07	0.01	0.01	2	1	28										
C 620✓	1	14	40	19	0.2	8	5	596	0.41	8	5	ND	ND	15	1	2	5	9	0.44	0.06	5	13	0.05	123	0.02	26	0.31	0.01	0.01	1	1	80										
C 623✓	1	14	11	111	0.1	4	2	978	0.06	11	5	ND	ND	25	1	2	2	2	1.43	0.14	1	8	0.12	73	0.01	48	0.04	0.01	0.01	3	1	28										
C 624✓	1	7	35	21	0.1	6	4	490	0.55	12	5	ND	ND	13	1	2	2	12	0.44	0.08	4	14	0.07	67	0.02	36	0.29	0.01	0.01	1	1	80										
C 626✓	1	13	8	83	0.1	5	1	549	0.08	6	5	ND	ND	14	1	2	2	3	0.75	0.08	1	10	0.1	40	0.01	37	0.05	0.01	0.01	2	1	28										
C 629✓	1	7	30	27	0.1	5	2	82	0.39	6	5	ND	ND	10	1	2	2	10	0.29	0.03	4	13	0.07	89	0.02	18	0.25	0.01	0.01	1	1	80										
C 630✓	1	6	12	29	0.1	3	2	41	0.11	19	5	ND	ND	25	1	5	2	3	1.67	0.04	1	5	0.14	61	0.01	38	0.13	0.01	0.01	4	1	80										
C 636✓	1	10	11	56	0.1	3	2	211	0.05	10	5	ND	ND	7	1	2	2	2	0.48	0.09	1	5	0.06	23	0.01	47	0.06	0.01	0.01	1	1	40										

Certified By: 

WAWA ASSAYING INC.

127 Mission Road
P. O. Box 1996
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POS 1K0

CERTIFICATE OF ANALYSIS

Type of Sampler: Soil and Humus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 637 ✓	1	17	51	38	0.1	8	5	511	0.33	22	5	ND	ND	15	2	2	2	7	1.16	0.08	4	11	0.11	46	0.01	43	0.28	0.01	0.01	4	1	80
C 640 ✓	2	13	12	98	0.3	5	1	747	0.08	12	5	ND	ND	35	1	3	2	3	1.22	0.16	2	6	0.15	52	0.01	59	0.07	0.01	0.01	4	1	40
C 641 ✓	1	6	25	11	0.1	4	3	89	0.30	6	5	ND	ND	15	1	2	2	9	0.28	0.03	5	10	0.05	65	0.02	16	0.23	0.01	0.01	1	1	80
C 644 ✓	1	16	15	116	0.1	8	2	1301	0.14	10	5	ND	ND	18	1	2	2	4	0.88	0.14	1	11	0.11	64	0.01	49	0.10	0.01	0.01	2	1	28
C 645 ✓	1	9	29	18	0.1	6	3	69	0.22	3	5	ND	ND	9	1	2	2	6	0.20	0.04	6	10	0.03	51	0.01	23	0.20	0.01	0.01	1	1	80
C 651 ✓	1	12	16	188	0.2	5	1	288	0.08	13	5	ND	ND	25	1	2	2	3	1.51	0.14	1	8	0.1	85	0.01	51	0.05	0.01	0.01	2	1	40
C 652 ✓	1	16	12	30	0.3	7	6	59	0.76	11	5	ND	ND	10	1	3	2	14	0.97	0.06	9	22	0.17	22	0.02	40	0.54	0.01	0.01	1	1	80
C 656 ✓	1	14	9	104	0.1	6	2	499	0.06	11	5	ND	ND	21	1	2	2	2	1.45	0.11	1	8	0.1	49	0.01	42	0.04	0.01	0.01	2	1	28
C 657 ✓	1	42	40	46	0.3	15	14	2091	1.40	13	5	ND	ND	7	1	2	2	32	0.30	0.05	7	29	0.11	89	0.05	15	0.63	0.01	0.01	1	1	80
C 661 ✓	1	16	18	74	0.2	6	3	579	0.11	11	5	ND	ND	19	1	2	2	3	0.79	0.15	1	6	0.1	36	0.01	55	0.10	0.01	0.01	3	1	28
C 664 ✓	1	12	15	68	0.1	7	1	480	0.11	9	5	ND	ND	11	1	3	2	3	0.50	0.15	1	11	0.06	30	0.01	55	0.10	0.01	0.01	1	1	28
C 668 ✓	1	30	14	358	0.1	9	5	402	0.10	11	5	ND	ND	21	1	2	2	4	1.45	0.13	1	15	0.15	41	0.01	51	0.07	0.01	0.01	1	1	28
C 669 ✓	1	51	23	56	0.1	13	5	43	0.76	11	5	ND	ND	6	1	2	2	17	0.19	0.04	6	24	0.09	35	0.03	19	0.49	0.01	0.01	1	1	80
C 673 ✓	1	20	14	157	0.1	6	2	1219	0.09	9	5	ND	ND	13	1	2	2	2	0.90	0.19	1	8	0.1	105	0.01	60	0.10	0.01	0.01	1	1	28
C 674 ✓	2	20	37	35	0.4	10	2	348	0.25	27	5	ND	ND	28	1	4	2	5	2.94	0.09	2	14	0.1	32	0.01	61	0.27	0.01	0.01	3	1	80
C 677 ✓	1	12	7	113	0.2	4	1	387	0.06	13	5	ND	ND	17	1	2	2	2	1.45	0.13	1	8	0.16	37	0.01	57	0.03	0.01	0.01	3	1	28
C 678 ✓	1	14	28	37	0.4	5	1	268	0.12	21	5	ND	ND	22	1	2	2	3	2.85	0.09	1	6	0.13	24	0.01	60	0.11	0.01	0.01	3	1	80
C 682 ✓	2	13	12	112	0.2	6	1	380	0.07	14	5	ND	ND	32	1	2	2	2	1.87	0.16	1	16	0.1	52	0.01	55	0.05	0.01	0.01	3	1	28
C 683 ✓	1	12	26	26	0.2	4	4	915	0.46	6	5	ND	ND	13	1	2	2	10	0.44	0.04	3	13	0.06	85	0.01	18	0.22	0.01	0.01	1	1	80
C 687 ✓	1	13	13	76	0.1	3	1	324	0.09	10	5	ND	ND	19	1	2	2	2	0.81	0.14	1	6	0.08	41	0.01	52	0.08	0.01	0.01	2	1	40
C 688 ✓	1	10	30	34	0.3	5	3	525	0.35	7	5	ND	ND	8	1	2	2	9	0.19	0.06	3	13	0.04	80	0.01	19	0.24	0.01	0.01	1	1	80
C 692 ✓	1	11	15	209	0.2	3	1	379	0.10	14	5	ND	ND	24	1	2	2	3	1.68	0.16	1	5	0.14	48	0.01	70	0.07	0.01	0.01	4	1	40
C 693 ✓	1	10	20	9	0.6	3	1	98	0.10	17	5	ND	ND	22	1	2	2	3	2.52	0.08	1	6	0.16	25	0.01	78	0.12	0.01	0.01	5	1	80
C 696 ✓	1	14	12	137	0.2	5	4	407	0.08	9	5	ND	ND	20	1	2	2	2	1.09	0.11	1	15	0.11	47	0.01	30	0.08	0.01	0.01	1	1	28
C 697 ✓	1	15	32	46	0.2	6	7	1806	0.79	11	5	ND	ND	12	1	2	2	18	0.43	0.07	4	21	0.08	137	0.02	17	0.39	0.01	0.01	1	1	80
C 699 ✓	2	21	11	71	0.1	6	2	990	0.08	16	5	ND	ND	44	1	3	2	3	1.33	0.18	1	10	0.13	76	0.01	48	0.05	0.01	0.01	2	1	28
C 700 ✓	1	5	8	7	0.1	5	1	27	0.30	6	5	ND	ND	5	1	2	2	11	0.08	0.03	4	10	0.02	34	0.02	11	0.17	0.01	0.01	1	1	80
C 702 ✓	1	10	10	42	0.1	3	1	267	0.08	9	5	ND	ND	8	1	2	2	3	0.36	0.1	1	6	0.06	22	0.01	41	0.07	0.01	0.01	1	1	40
C 703 ✓	2	9	35	18	0.1	5	2	86	0.23	5	5	ND	ND	13	1	2	2	6	0.24	0.05	3	8	0.03	110	0.01	19	0.21	0.01	0.01	1	1	80
C 707 ✓	2	10	12	89	0.1	4	1	462	0.07	17	5	ND	ND	28	1	2	2	2	1.50	0.1	1	8	0.12	49	0.01	57	0.04	0.01	0.01	4	1	80
C 708 ✓	3	9	24	32	0.2	3	1	1761	0.11	25	5	ND	ND	30	1	3	2	3	2.40	0.1	1	8	0.2	27	0.01	75	0.09	0.01	0.01	3	1	80
C 711 ✓	2	10	38	71	0.2	4	1	147	0.13	16	5	ND	ND	23	1	4	2	4	1.41	0.1	1	10	0.07	33	0.01	49	0.07	0.01	0.01	2	1	40
C 712 ✓	2	7	34	26	0.4	2	1	645	0.11	23	5	ND	ND	29	1	5	2	2	3.27	0.1	1	5	0.21	19	0.01	83	0.09	0.01	0.01	3	1	80
C 714 ✓	1	9	21	61	0.1	4	1	280	0.09	15	5	ND	ND	39	1	4	2	3	1.62	0.1	1	6	0.08	25	0.01	57	0.06	0.01	0.01	3	1	40
C 715 ✓	2	9	28	38	0.2	4	1	606	0.16	28	5	ND	ND	47	1	2	2	3	2.25	0.08	1	6	0.18	26	0.01	60	0.14	0.01	0.01	2	1	80
C 718 ✓	1	10	11	88	0.1	4	1	430	0.08	11	5	ND	ND	14	1	2	4	3	0.66	0.13	1	6	0.08	53	0.01	50	0.06	0.01	0.01	2	1	40
C 719 ✓	1	18	49	35	0.3	11	7	551	0.68	19	5	ND	ND	19	1	2	3	13	0.85	0.04	6	21	0.12	97	0.02	21	0.51	0.01	0.01	1	1	80
C 722 ✓	1	12	16	95	0.3	6	2	682	0.08	13	5	ND	ND	34	1	3	2	3	1.02	0.15	1	6	0.12	64	0.01	56	0.06	0.01	0.01	3	1	40
C 723 ✓	1	20	36	31	0.3	9	6	77	0.70	6	5	ND	ND	13	1	2	3	16	0.20	0.03	7	19	0.07	101	0.02	13	0.52	0.01	0.01	1	1	80
C 725 ✓	1	10	13	114	0.1	4	2	575	0.05	9	5	ND	ND	24	1	2	2	2	0.81	0.11	1	6	0.08	49	0.01	42	0.06	0.01	0.01	3	1	40
C 726 ✓	2	14	23	36	0.1	6	5	57	0.53	11	5	ND	ND	5	1	2	2	14	0.09	0.03	6	21	0.04	63	0.02	11	0.42	0.01	0.01	1	1	80
C 730 ✓	1	12	11	137	0.3	3	1	285	0.05	13	5	ND	ND	22	1	3	2	2	1.12	0.11	1	5	0.15	46	0.01	54	0.04	0.01	0.01	3	1	40
C 731 ✓	2	13	35	16	0.5	6	2	226	0.21	22	5	ND	ND	40	1	2	2	5	2.40	0.11	5	8	0.19	34	0.01	65	0.27	0.01	0.01	3	1	80

Certified By: 

MAWA ASSAYING INC.

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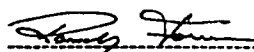
CERTIFICATE OF ANALYSIS

Type of Sample: Soil and Humus

Type of Analysis: ICP

DATE: August 30, 1990

SAMPLE NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Hg ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	Si %	W ppm	Be ppm	Mesh
C 733 ✓	1	7	22	68	0.3	4	1	213	0.09	15	5	ND	ND	30	1	2	2	3	2.10	0.11	1	8	0.08	26	0.01	56	0.07	0.01	0.01	4	1	40
C 734 ✓	1	9	30	31	0.3	3	1	464	0.09	21	5	ND	ND	37	1	2	2	2	2.55	0.1	1	6	0.19	20	0.01	72	0.07	0.01	0.01	4	1	80
C 737 ✓	1	11	7	61	0.1	5	2	610	0.04	10	5	ND	ND	21	1	2	4	2	0.99	0.11	1	10	0.13	27	0.01	51	0.03	0.01	0.01	2	1	28
C 738 ✓	1	5	26	13	0.1	4	3	205	0.53	14	5	ND	ND	8	1	2	2	12	0.29	0.07	2	16	0.07	23	0.02	31	0.26	0.01	0.01	1	1	80
C 740 ✓	1	11	18	53	0.1	4	1	363	0.08	11	5	ND	ND	8	1	2	2	3	0.49	0.09	1	6	0.06	24	0.01	46	0.08	0.01	0.01	1	1	40
C 741 ✓	1	11	31	19	0.1	10	5	2332	0.30	12	5	ND	ND	21	1	2	2	7	0.51	0.05	4	13	0.05	148	0.01	26	0.22	0.01	0.01	1	1	80
C 746 ✓	1	11	35	42	0.3	4	2	552	0.06	12	5	ND	ND	28	1	3	2	2	1.04	0.1	1	6	0.15	93	0.01	54	0.04	0.01	0.01	1	1	40
C 747 ✓	1	9	30	16	0.1	6	3	23	0.18	7	5	ND	ND	11	1	2	2	5	0.26	0.03	2	10	0.05	26	0.01	25	0.15	0.01	0.01	1	1	80
C 750 ✓	1	12	20	61	0.1	5	2	408	0.09	9	5	ND	ND	8	1	2	2	3	0.45	0.13	1	8	0.09	19	0.01	52	0.10	0.01	0.01	1	1	80
C 751 ✓	1	4	24	10	0.1	5	3	79	0.43	4	5	ND	ND	4	1	2	2	13	0.12	0.03	3	11	0.04	23	0.02	12	0.25	0.01	0.01	1	1	80
C 755 ✓	1	11	15	76	0.1	3	2	446	0.08	12	5	ND	ND	19	1	2	2	2	1.04	0.14	1	3	0.11	35	0.01	60	0.10	0.01	0.01	2	1	40
C 759 ✓	1	14	15	66	0.1	6	1	346	0.07	15	5	ND	ND	32	1	4	2	3	1.43	0.14	1	11	0.12	75	0.01	55	0.05	0.01	0.01	1	1	28
C 760 ✓	1	13	35	16	0.1	5	6	1301	0.36	9	5	ND	ND	15	1	2	2	8	0.47	0.05	6	11	0.05	90	0.01	20	0.25	0.01	0.01	1	1	80
C 762 ✓	1	11	10	43	0.2	2	1	423	0.04	15	5	ND	ND	38	1	2	2	2	1.77	0.14	1	3	0.11	60	0.01	50	0.03	0.01	0.01	2	1	40
C 763 ✓	1	7	33	12	0.3	4	4	1077	0.20	10	5	ND	ND	16	1	2	3	6	0.46	0.05	5	8	0.05	84	0.01	24	0.19	0.01	0.01	1	1	80
C 767 ✓	1	13	8	85	0.2	6	3	1159	0.04	18	5	ND	ND	48	1	2	2	2	1.82	0.16	1	11	0.14	111	0.01	56	0.04	0.01	0.01	1	1	28
C 768 ✓	1	39	40	41	0.3	11	16	1584	1.04	16	5	ND	ND	8	1	2	2	19	0.18	0.04	13	21	0.1	80	0.03	15	0.80	0.01	0.01	1	1	80

Certified By: 



42E12NE0009 2.13413 LEDUC

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Notice of Intent
for Technical Reports

October 5, 1990

File: 2.13413/W9004.256, 256A &
278

An examination of your technical survey report indicates that the requirements of the Mining Act have not been fully met to warrant maximum work credits as calculated on the submitted work report(s). This notice is a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 30 days from the above date, the Mining Recorder will be advised of the change in credits and will amend the entries on the record sheets to agree with the enclosed statement.

The effect of the proposed reduction on the mining claims should be considered immediately. If the anniversary date in respect of which the assessment work was recorded has not passed and the proposed reduction will create a forfeiture of the mining claims on the anniversary date, you may, before the anniversary date, record additional unrecorded work or apply to the Mining and Lands Commissioner within the usual thirty day period for an extension of time to perform additional assessment work. If the anniversary date has passed, you may wish to apply to the Commissioner for relief from forfeiture and an extension of time to record unrecorded assessment work that you have performed or to perform assessment work. This must be done within six months of the date of forfeiture.

If you intend to apply to the Commissioner for relief from forfeiture and an extension of time, arrangements should be made with the Mining Recorder to have representative abstracts submitted to the Commissioner.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision - Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said thirty day period, submit an assessment work breakdown listing the employees' names, addresses, dates and hours they worked. The new work breakdown should be submitted directly to the Mining Lands Section, Mineral Development and Lands Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Ministry of
Northern Development
and Mines

DOCUMENT No.
W9004-432

Instructions

- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Mining Act

Report of Work

(Expenditures, Subsection 77(19))

MINING LANDS

Type of Work Performed GEOCHEMICAL ICP ANALYSIS	Mining Division Thunder Bay	Township or Area Reduc. C-169
Recorded Holder FOUNDER RESOURCES INC. 2.13413	Prospector's Licence No. 75359	
Address 690 DOG LAKE RD., RR#14, Site 2, 18, Thunder Bay		Telephone No. 7672733
Work Performed By Wave Assaying Inc.		
Name and Address of Author (of Submission) Barbara Kowalski as above address.		Date When Work was Performed From 105 90 To 81 08 90 Day Mo. Yr. Day Mo. Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side											
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
874868	23.39	874869	23.39	874870	23.39	874871	23.39	874872	23.39	874873	23.39
874874	23.39	874875	23.39	874876	23.39	874877	23.39	874878	23.39	874879	23.39
874880	23.39	874881	23.39	874882	23.39	874883	23.39				
Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).				Calculation of Expenditure Days Credits Total Expenditures \$6316				Total Days Credits 15		Total Number of Mining Claims Covered by this Report of Work 18	

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim	Expend. Days Cr.	Mining Claim	Expend. Days Cr.	Mining Claim	Expend. Days Cr.	Mining Claim	Expend. Days Cr.		
Prefix	Number	Prefix	Number	Prefix	Number	Prefix	Number		
TB	874868	23.39	TB	874876	23.39	TB	874884	23.39	
	874869	23.39		874877	23.39		874885	23.39	
	874870	23.39		874878	23.39	DEC 07 1990 RECEIVED			
	874871	23.39		874879	23.39				
	874872	23.39		874880	23.39	RECEIVED OCT 29 1990			
	874873	23.39		874881	23.39				
	874874	23.39		874882	23.39	MINING LANDS SECTION			
	874875	23.39		874883	23.39				

Total Number of Days Performed 421.06	Total Number of Days Claimed 421.06	Total Number of Days to be Claimed at a Future Date -
---	---	---

Certification of Beneficial Interest *See Note No. 2 on reverse side

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

Date **Oct 18/90** Reported Holder or Agent (Signature) **Barbara Kowalski**

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 Address of Person Certifying
Barbara Kowalski 690 Dog Lake Rd. RR#14, Site 2, 18 T.B., Ont. P7B 5E5

Telephone No. **7672733** Date **Oct 18/90** Certified By (Signature) **Barbara Kowalski**

For Office Use Only

Total Days Cr. Recorded 421.06	Date Recorded OCT. 18/90	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded NOV 21/90	Provincial Manager, Mining Lands <i>[Signature]</i>



Instructions

- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Mining Act Report of Work
(Expenditures, Subsection 77(19))

Type of Work Performed GEOCHEMICAL ICP ANALYSIS	Mining Division Thunder Bay	Township or Area Reduc.
Recorded Holder FOUNDER RESOURCES INC.	Prospector's Licence No.	
Address 690 DOG LAKE RD. RR#14, Sites 2, 18, Thunder Bay		Telephone No. 7672733
Work Performed By Barbara Kowalski Wawa Assaying Inc.		
Name and Address of Author (of Submission) Barbara Kowalski as above address		Date When Work was Performed From: To: Day Mo. Yr. Day Mo. Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side				Mining Claim 874884	No. of Days 23.39	Mining Claim 874885	No. of Days 23.39	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

see sheet ①

Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).	Calculation of Expenditure Days Credits Total Expenditures \$ <input type="text"/> + <input type="text" value="15"/> = <input type="text"/>		Total Days Credits <input type="text"/>	Total Number of Mining Claims Covered by this Report of Work <input type="text"/>
--	---	--	---	---

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim			Mining Claim			Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
--------------------------------	------------------------------	---

Certification of Beneficial Interest *See Note No. 2 on reverse side

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

Date: _____ Recorded Holder or Agent (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 Address of Person Certifying: _____

Telephone No.: _____ Date: _____ Certified By (Signature): _____

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
	Date Approved as Recorded	Provincial Manager, Mining Lands	



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
880 Bay Street, 3rd Floor
TORONTO, Ontario
M5S 1Z8

Telephone: (416) 965-4888

Your File: W9004.256
Our File : 2.13413

October 23, 1990

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P. O. Box 5000
THUNDER BAY, Ontario
P7C 5G6

Dear Madam/Sir:

RE: Notice of Intent dated October 5, 1990 for Geochemical
Survey submitted on Mining Claims TB 874868 et al in
Leduc Twp.

The assessment work credits, as listed with the above
mentioned Notice of Intent have been changed as of the above
date.

Please inform the recorded holder of these mining claims and
so indicate on your records.

Yours sincerely

R. C. Gashinski
A/Provincial Manager, Mining Lands
Mines and Minerals Division

LJ/dvl
Enclosure

cc: Mr. W. D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Thunder Bay, Ontario

Founder Resources Inc.
Thunder Bay, Ontario



Recorded Holder
Founder Resources Inc.

Township or Area
Leduc Twp.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical <u>40</u> days Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 874868-885 incl.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Instructions
- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Mining Act
Report of Work MINING LANDS
(Geophysical, Geological and Geochemical Surveys)

Type of Survey(s) Geochemical & Geobotanical Mining Division Thunder Bay Township or Area Kedoc Twp. (G-169)
 Recorded Holder(s) Founder Resources Inc. Prospector's Licence No. T 5359 *Corall Lk*
 Address 690 Dog Lake Rd. RR#14, Site 2, 18. T.B. P7B5E5 Telephone No. 7672733
 Survey Company Morning Dew Exploration Ltd.
 Name and Address of Author (of Geo-Technical Report) Barbara Kowalski 690 Dog Lake Rd T.B. P7B5E5 Date of Survey (from & to) 04 18 90
 Credits Requested per Each Claim in Columns at right Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic - Magnetometer	
For each additional survey: Using the same grid: Enter 20 days (for each)	- Other	
Plan Days Complete reverse side and enter total(s) here	Geological	
	Geochemical	
	Geophysical	Days per Claim
	- Electromagnetic - Magnetometer - Other	
	Geological	
	Geochemical	40
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys	Electromagnetic	
	Magnetometer	
	Other	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
TB	874868	TB	874885		
	874869				
	874870				
	874871				
	874872				
	874873				
	874874				
	874875				
	874876				
	874877				
	874878				
	874879				
	874880				
	874881				
	874882				
	874883				
	874884				

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JUN 28 1990

MINING LANDS SECTION

Total miles flown over claim(s) _____
 Date June 19, 1990 Recorded Holder or Agent (Signature) Barbara Kowalski
 Certification Verifying Report of Work

Total number of mining claims covered by this report of work. 18

I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work, having performed the work or witnessed same during and/or after its completion and annexed report is true.
 Name and Address of Person Certifying Barbara Kowalski 690 Dog Lake Rd. RR#14, Site 2, 18 Thunder Bay Ont P7B 1R5 Telephone No. 7672733 Date June 19, 1990 Certified By (Signature) Barbara Kowalski

For Office Use Only

Total Days Recorded	Date Recorded	Mining Report No.
720	JUNE 19, 1990	<i>[Signature]</i>
	Date Approved as Recorded	Provincial Manager, Mining Lands
	<i>see revised work statement</i>	

OH T WJ 6T NMP 06.
 MINING DIVISION
 THUNDER BAY
 RECEIVED

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												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
105				735		—		735		18		40.8

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>				<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>				<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>				<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

[Handwritten signature]



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
159 Cedar Street, 4th Floor
✓ SUDBURY, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Your File: W9004.256A & 278
Our File : 2.13413

November 20, 1990

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P. O. Box 5000
THUNDER BAY, Ontario
P7C 5G6

Dear Madam/Sir:

RE: Notice of Intent dated October 5, 1990 for Geological
Surveys submitted on Mining Claims TB 886273 et al in
Leduc and Summers Twp.

The assessment work credits, as listed with the above
mentioned Notice of Intent have been approved as of the above
date.

Please inform the recorded holder of these mining claims and
so indicate on your records.

Yours sincerely

R. C. Gashinski
A/Provincial Manager, Mining Lands
Mines and Minerals Division

LJ/dvl
Enclosure

cc: Mr. W. D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Thunder Bay, Ontario

Founder Resources Inc.
Thunder Bay, Ontario



Recorded Holder
Founder Resources Inc.

Township or Area
Leduc Twp.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	TB 886273 - 283 incl. 886306 - 317 incl. 1100708 - 709 incl. ..
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological <u>29.2</u> days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims.	
<input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
Founder Resources Inc.

Township or Area
Summers Twp.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days	TB 964345 - 352 incl.
Section 77 (19) See "Mining Claims Assessed" column	
Geological <u>32.8</u> days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



DOCUMENT NO. W9004-25A

Instructions

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

2.13413

July 18
Aug 17

Mining Act

Report of Work MINING LANDS (Geophysical, Geological and Geochemical Surveys)

Type of Survey(s) Geology	Mining Division Thunder Bay	Township or Area Kedue Twp. (G169)
Recorded Holder(s) Founder Resources Inc.	Prospector's Licence No. 75359 Blackwater	
Address 690 Dog Lake Rd. RR#14, Site 2/18, Thunder Bay P7B 5E5		Telephone No. 7672733
Survey Company Morning Dew Exploration Ltd.		
Name and Address of Author (of Geo-Technical Report) Barbara Kowaldki 690 Dog Lake Rd Thunder Bay P7B 5E5		Date of Survey (from & to) 15 05 90 30 05 90 Day Mo Yr Day Mo Yr

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic - Magnetometer	
For each additional survey: using the same grid	- Other	
Enter 20 days (for each)	Geological	40
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys	Electromagnetic	Days per Claim
	Magnetometer	
	Other	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
TB	886273	TB	886312		
	886274		886313		
	886275		886314		
	886276		886315		
	886277		886316		
	886278		886317		
	886279		886318		
	886280		1100708		
	886281		1100709		
	886282				
	886283				
	886306				
	886307				
	886308				
	886309				
	886310				
	886311				

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JUN 28 1990

MINING LANDS SECTION
Mining claims covered by this report of work. **25**

Total miles flown over claim(s):

Date **June 19, 1990** Recorded Holder or Agent (Signature) *Barbara Kowaldki*

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

Name and Address of Person Certifying
Barbara Kowaldki 690 Dog Lake Rd RR#14, Site 2/18 Thunder Bay Ont.

Telephone No. **7672733** Date **June 19, 1990** Certified By (Signature) *Barbara Kowaldki*

For Office Use Only

Date Recorded June 19/90	Mining Recorder <i>[Signature]</i>
Date Approved as Recorded See Revised Work Statement	Provincial Manager, Mining Lands

1000

37(06)

OH T Wd 61 MAR 06.
MINING DIVISION
THUNDER BAY
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Northern Development
Ontario

MINING LANDS

DOCUMENT No.
W9004-278

Instructions

- Please type or print
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch

2.13413

Report of Work

(Geophysical, Geological and Geochemical Surveys)

Mineral Act

Mining Division

Township or Area

Geology

Thunder Bay

Summer Twp. (6168)

Founder Resources Inc.

Prospector's License No.

T 5359

"Beardmore"

Address
690 Dog Lake Rd. RR#14, Site 2, 18, T.B. P7B5E5

Telephone No.
7672733

Morning Dew Exploration Ltd

Name and Address of Author (of Geo-Technical Report)
Barbara Kowalski 690 Dog Lake Rd. RR#14, Site 2, 18, P7B5E5

Date of Survey (from & to)

05 05 90 11 05 90

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey	- Electromagnetic	
Enter 40 days if this includes line cutting	- Magnetometer	
or each additional survey and the same credit	- Other	
Enter 20 days for each	Geological	40
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter totals here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	

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

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
TB	9964345				
	9964346				
	9964347				
	9964348				
	9964349				
	9964350				
	9964351				
	9964352				

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JUL 13 1990
MINING LANDS SECTION

Total number of mining claims covered by this report of work. 8

Total miles flown over claim(s) _____

Date June 19, 1990 Recorded Holder or Agent (Signature) Barbara Kowalski

Certification Verifying Report of Work

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

Name and Address of Person Certifying

Barbara Kowalski 690 Dog Lake Rd. RR#14 Site 2, 18
Thunder Bay Ont P7B5E5 Telephone No. 7672733

Date June 19, 1990 Certified By (Signature) Barbara Kowalski

For Office Use Only

Date Received <u>JUNE 19/90</u>	Mining Receiver <u>[Signature]</u>
320	Approved as Recorded <u>See Revised Work Statement</u>
	Provincial Manager, Mining Lands

Oh T WJ GT MAP OG.

MINING DIVISION
AND REGIONAL
CENTRAL



Nov. 5/90

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

✓ Mining Lands Section
3rd Floor, 880 Bay Street
TORONTO, Ontario
M5S 1Z8

(416) 965-4888

Your File: W9004.256, 256A &
278

Our File: 2.13413

October 5, 1990

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P.O. Box 5000
THUNDER BAY, Ontario
P7C 5G6

Dear Madam/Sir:

Enclosed is one copy of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please check your records to ensure that the recorded holder is correct. If it is not, please photocopy this letter and attached Notice of Intent, and forward to the new recorded holder. In approximately thirty days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

This geotechnical submission was assessed in Sudbury, Ontario. However, the Toronto Mining Lands Section address will remain the address for correspondence until further notice.

For further information, if required, please contact Lucille Jerome at (705) 675-4395.

Yours sincerely

R. C. Gashinski
A/Provincial Manager, Mining Lands
Mines & Minerals Division

RCG/dvl
Encl.

cc: Mining & Lands Commissioner
Toronto, Ontario

Founder Resources
Thunder Bay, Ontario



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-4443 FAX (705) 856-2902

INVOICE

NO.: 02406

DATE: 05-31-90

PAGE: 1 of 1

SOLD TO:

Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

SHIP TO:

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	25		Gold Analysis, Fire Assay			8.500	212.50
			Trace Level Geochemistry				
	8		Silver			2.000	16.00
	13		Copper			2.000	26.00
	13		Zinc			2.000	26.00
	13		Lead			2.000	26.00
	11		Nickel			2.000	22.00
	25		Sample Preparation			3.000	75.00
COMMENTS: Thank You for using the services of Wawa Assaying Inc.!						TOTAL	403.50



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-4443 FAX (705) 856-2902

INVOICE

NO: 02592

DATE: 08-31-90

PAGE: 1 of 1

SOLD TO:

Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

SHIP TO:

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	1		Gold Analysis, AA Finish			8.500	8.50
			Trace Level Geochemistry				
	1		Silver			2.000	2.00
	1		Copper			2.000	2.00
	1		Zinc			2.000	2.00
	1		Lead			2.000	2.00
			"C's"				
COMMENTS: Thank You for using the services of Wawa Assaying Inc.!						TOTAL	16.50



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-4443 FAX (705) 856-2902

INVOICE

NO: 02590

DATE: 08-31-90

PAGE: 1 of 1

SOLD TO:
Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

SHIP TO:
,

ITE M NO.	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	321		ICP-32 Analyses, Soil "CS"			7.000	2,247.00
COMMENTS: Thank You for using the services of Wawa Assaying Inc.!						TOTAL	2,247.00



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-4443 FAX (705) 856-2902

INVOICE

NO: 02589

DATE: 08-31-90

PAGE: 1 of 1

SOLD TO:

Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

SHIP TO:

ITEM NO	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	405		ICP-32 Analyses, Wood Core "C's"			8.000	3,240.00
COMMENTS: Thank You for using the services of Wawa Assaying Inc.!						TOTAL	3,240.00



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-1443 FAX (705) 856-2902

INVOICE

NO: 02414

DATE: 06-18-90

PAGE: 1 of 1

SOLD TO:

Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

SHIP TO:

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	7		Gold Analyses			8.500	59.50
			Trace Level Geochemistry				
	6		Silver			2.000	12.00
	7		Copper			2.000	14.00
	4		Zinc			2.000	8.00
	4		Lead			2.000	8.00
	6		Nickel			2.000	12.00
	2		Iron			2.000	4.00
	4		Molybdenum			2.000	8.00
COMMENTS:							
Thank You for using the services of Wawa Assaying Inc.!						TOTAL	125.50



WAWA ASSAYING INC.
P.O. BOX 1998, 127 MISSION ROAD,
WAWA, ONTARIO P0S 1K0
(705) 856-4433 FAX (705) 856-2902

INVOICE

NO: 02413

DATE: 06-18-90

PAGE: 1 of 1

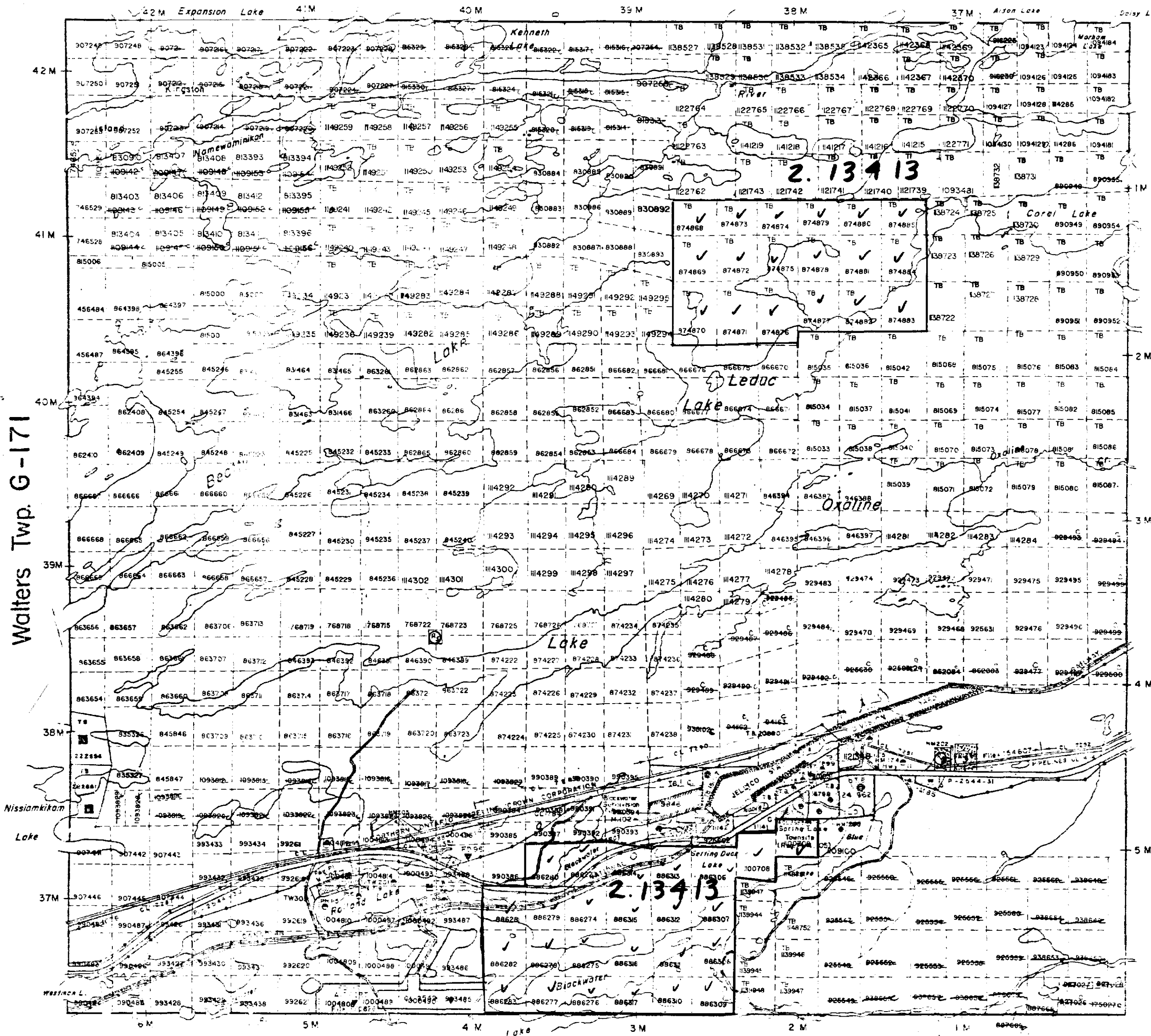
SOLD TO:

SHIP TO:

Morning Dew Explorations
690 Dog Lake Road
Thunder Bay, Ontario
P7B 5E5

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	F	P	UNIT PRICE	AMOUNT
	27		Gold Analyses			8.500	229.50
	3		Trace Level Geochemistry			2.000	6.00
	24		Silver			2.000	48.00
			Copper				
COMMENTS:						TOTAL	283.50
Thank You for using the services of Wawa Assaying Inc.!							

Rickaby Twp. G-161



Walters Twp. G-171

Legault Twp. G-170

NOTES

AREAS WITHDRAWN FROM DISPOSITION

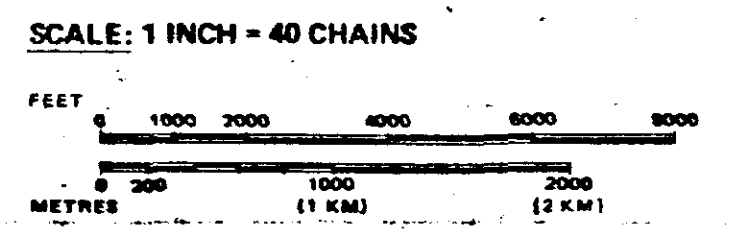
DESCRIPTION	ORDER NO.	DATE	DISPOSITION	DATE
(R) SEC. 36/80	W.29/83	20/0/83	S.R.	188528
(R2) SEC.36/80	WJ4/82	8/1/82	S.P.	188526
(C) SEC.36/80	W-TB-06/85		S.R.	

(SR) Summer Resort Locations Not Open for Staking Sec. 31 (C)

S.R. SURFACE RIGHTS M.P. MINING RIGHTS

LEGEND

- PATENT, SURFACE & MINING RIGHTS
- SURFACE RIGHTS ONLY
- MINING RIGHTS ONLY
- LEASE, SURFACE & MINING RIGHTS
- SURFACE RIGHTS ONLY
- MINING RIGHTS ONLY
- LICENCE OF OCCUPATION
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED



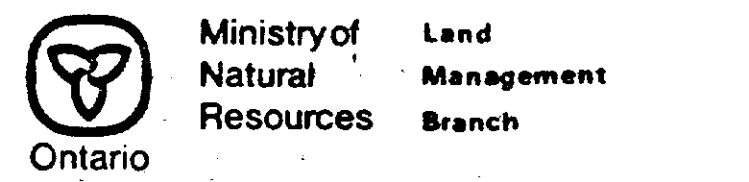
TOWNSHIP

LEDUC

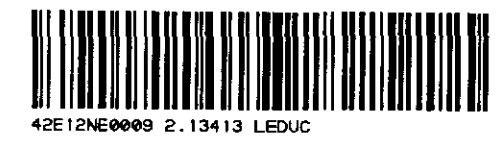
M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON

MINING DIVISION
THUNDER BAY

LAND TITLES / REGISTRY DIVISION
THUNDER BAY



Date FEBRUARY 16th, 1981 Number **G-169**

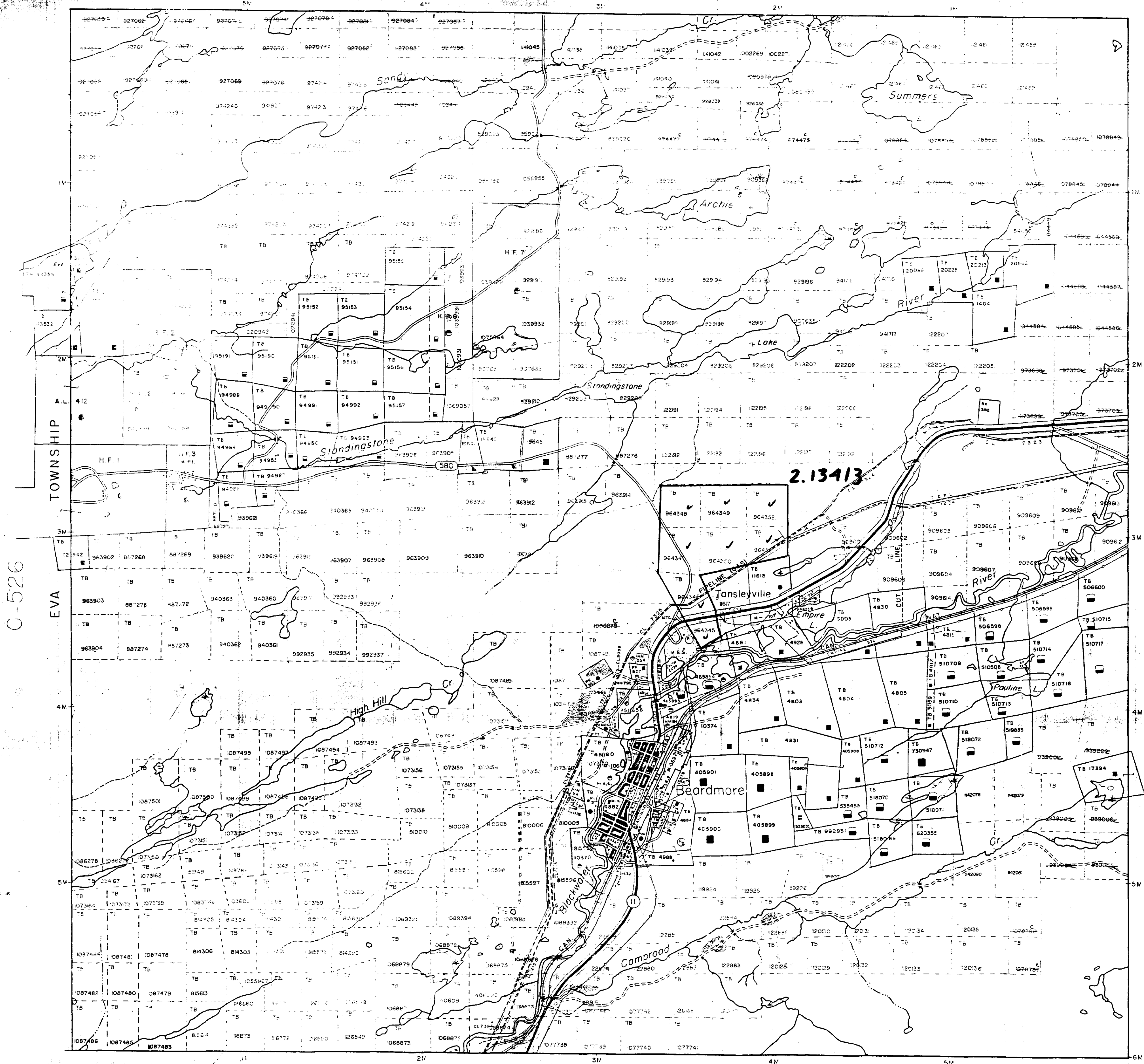


Clist Lake Area G-24

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 |
|---|-----------|------|-------------|-------|
| Withdrawn from staking | | | | 59262 |
| Withdrawn from staking Sect. 42 (R.S.O. 1931) of the Mining Act | | | | 59409 |
| Withdrawn from staking | | | | |
| Surface Rights only withdrawn W-46/86 | | | | |

SANDRA TOWNSHIP G-167



THUNDER BAY DIVISION
30 MAY 4 AM 10 49

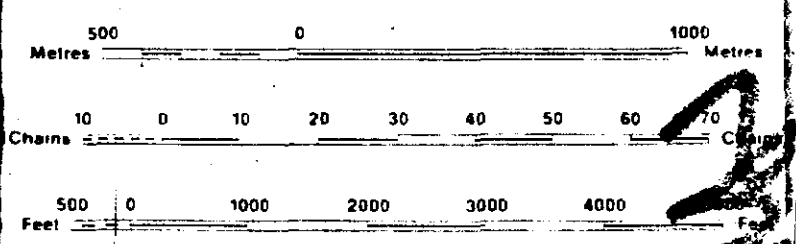
LEGEND

- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARIES
- MINING CLAIMS, ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATION
- 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 9 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1.



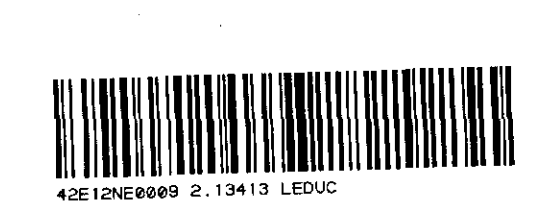
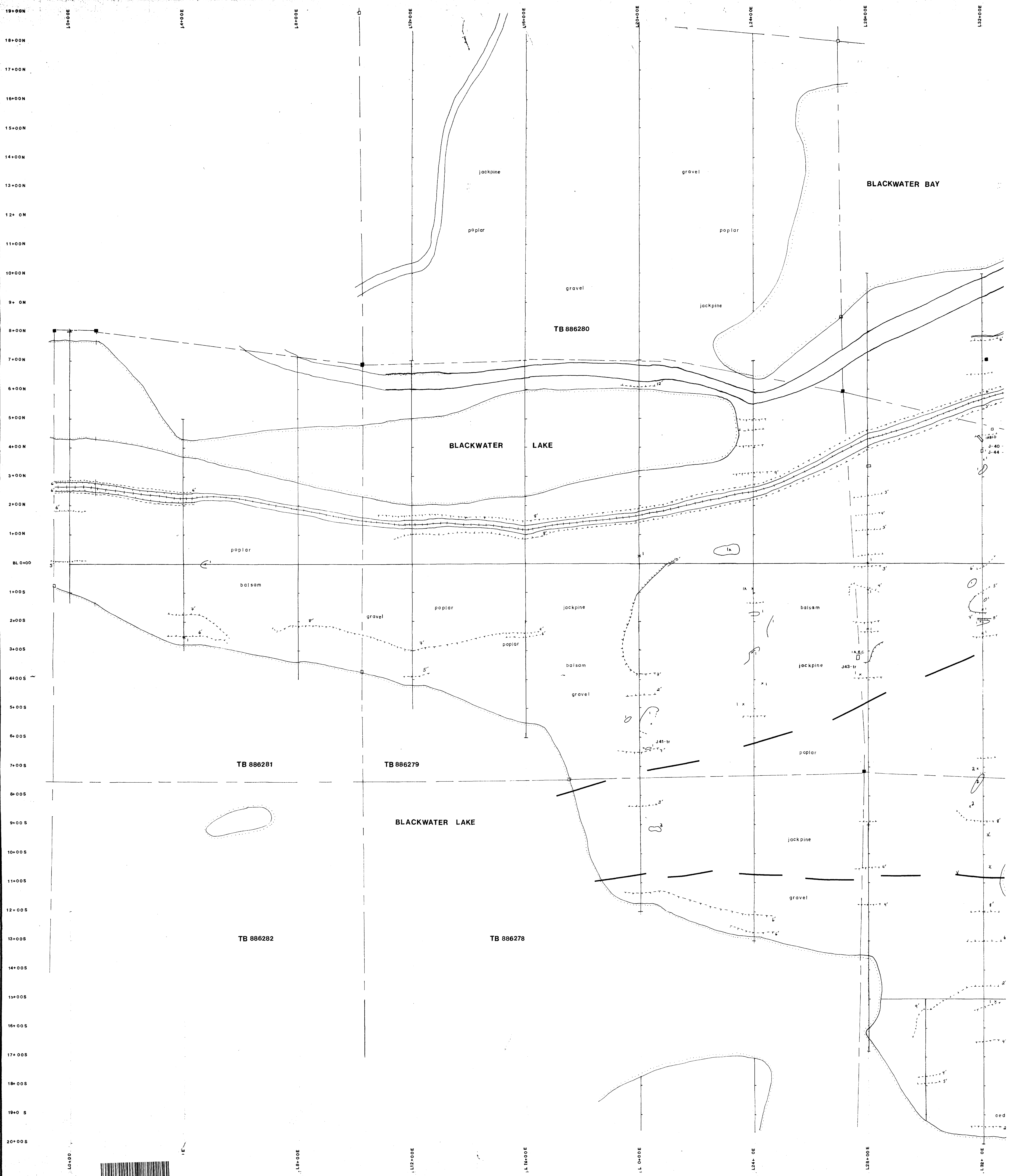
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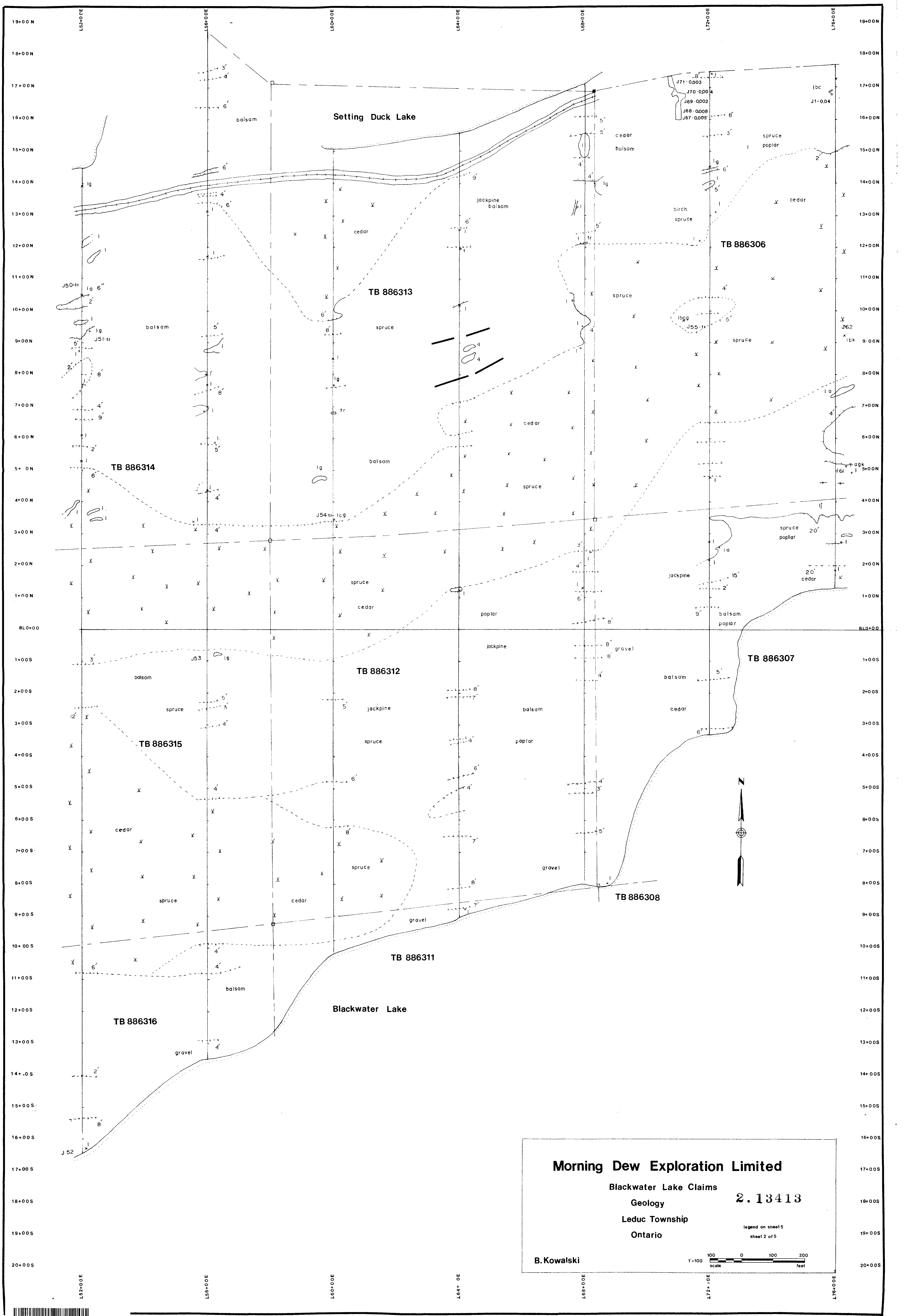
TOWNSHIP SUMMERS

M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources Ontario
Ministry of Northern Development and Mines

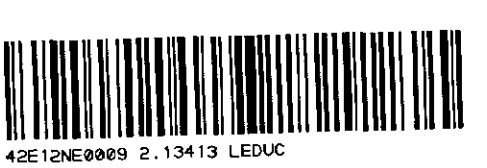
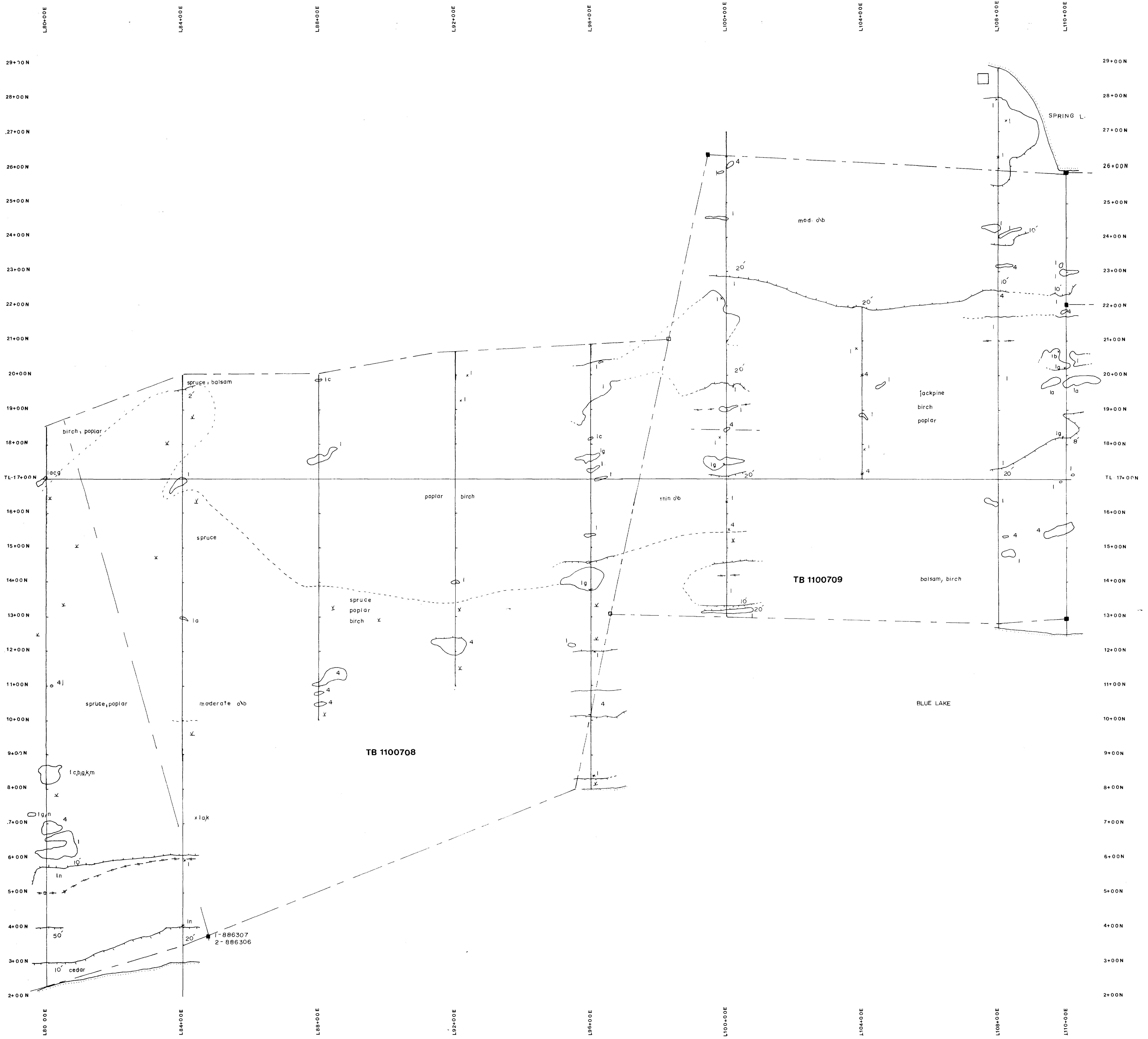
Date: SEPTEMBER 1971
Number: G-165



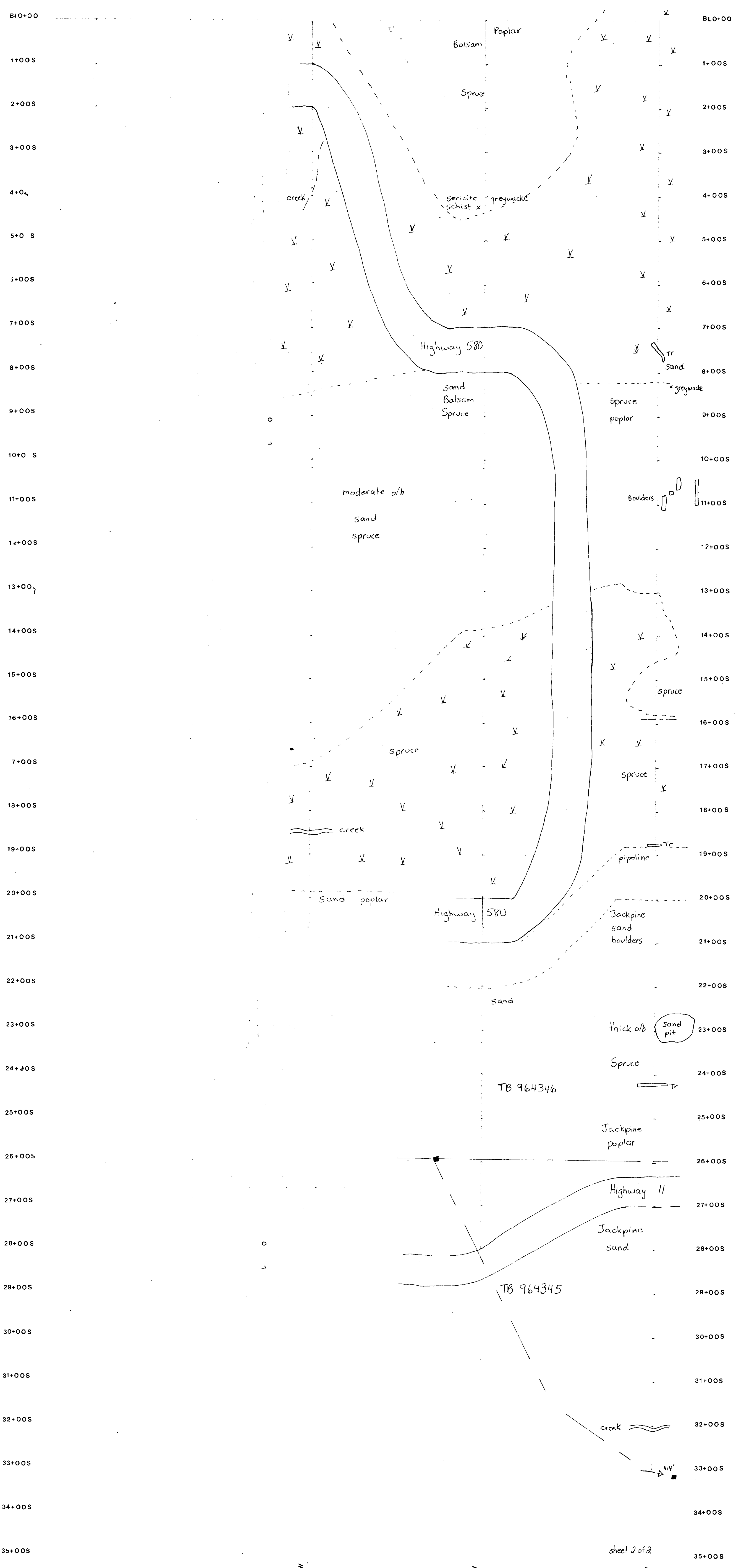


Morning Dew Exploration Limited
 Blackwater Lake Claims
 Geology 2.13413
 Leduc Township
 Ontario
 legend on sheet 5
 sheet 2 of 5
 B. Kowalski
 1"=100
 scale
 0 100 200
 feet

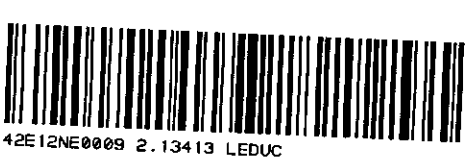


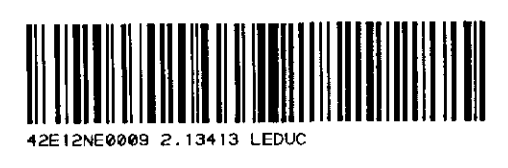
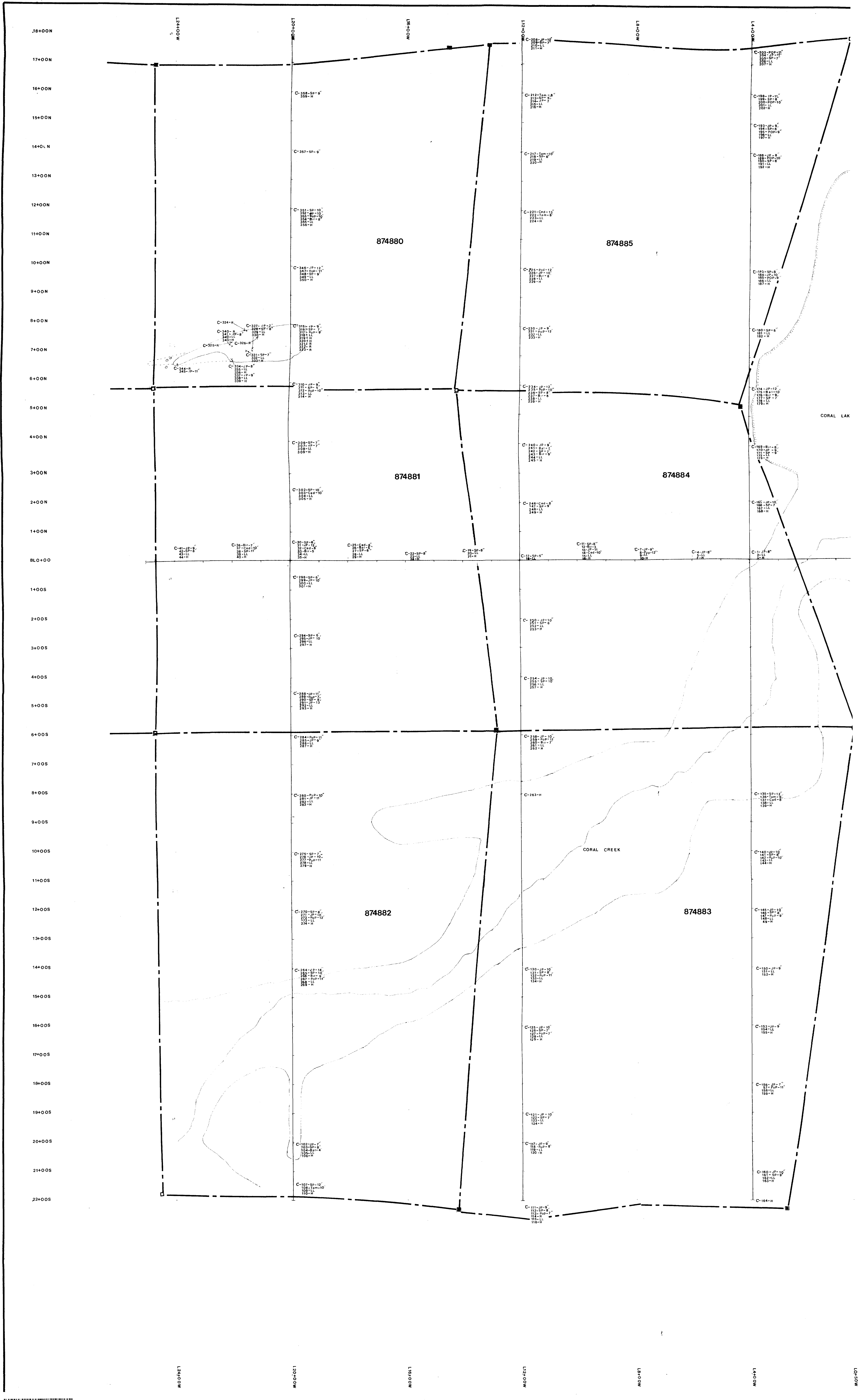


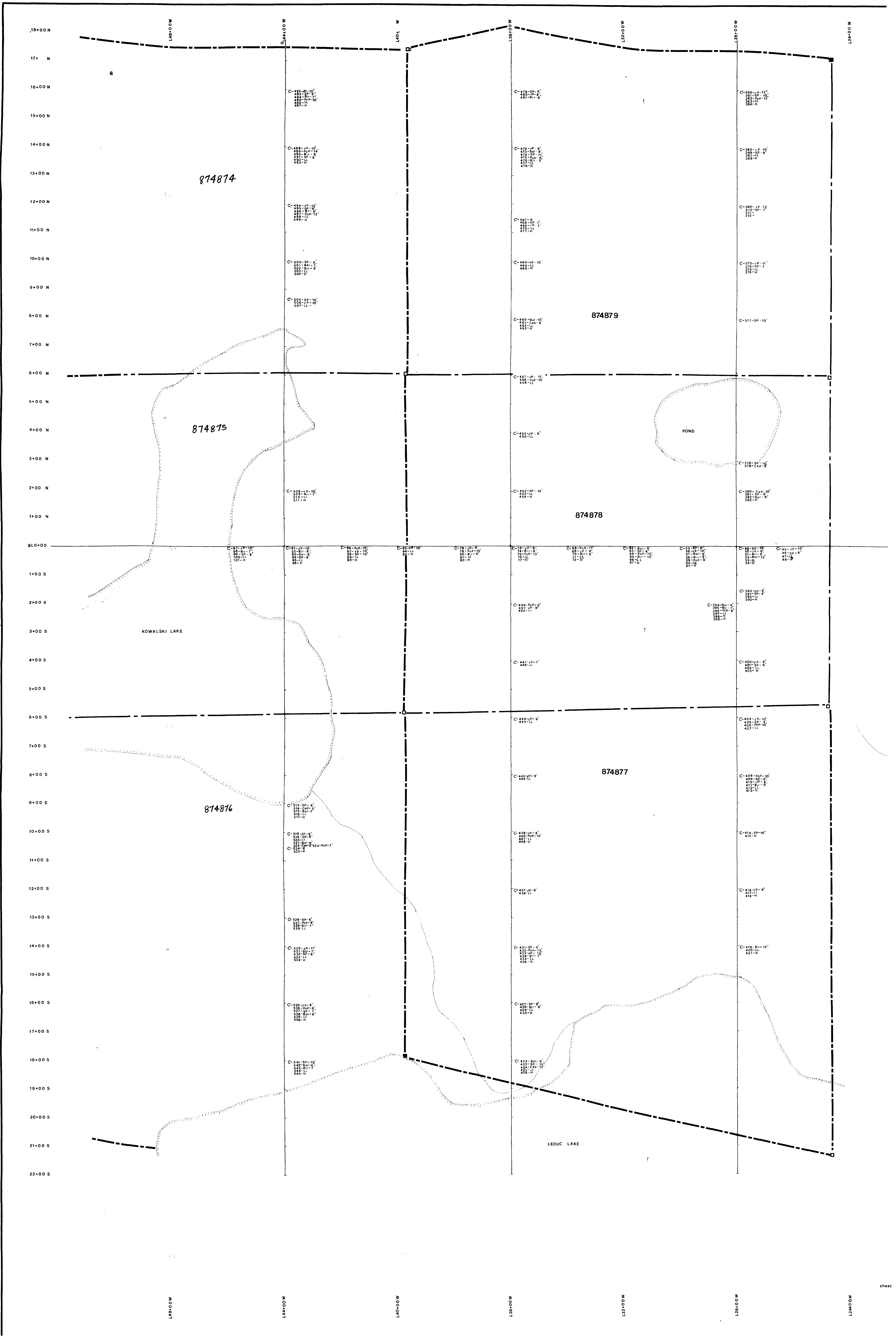
2. 13413



sheet 2 of 2







874874

874875

874879

874878

874877

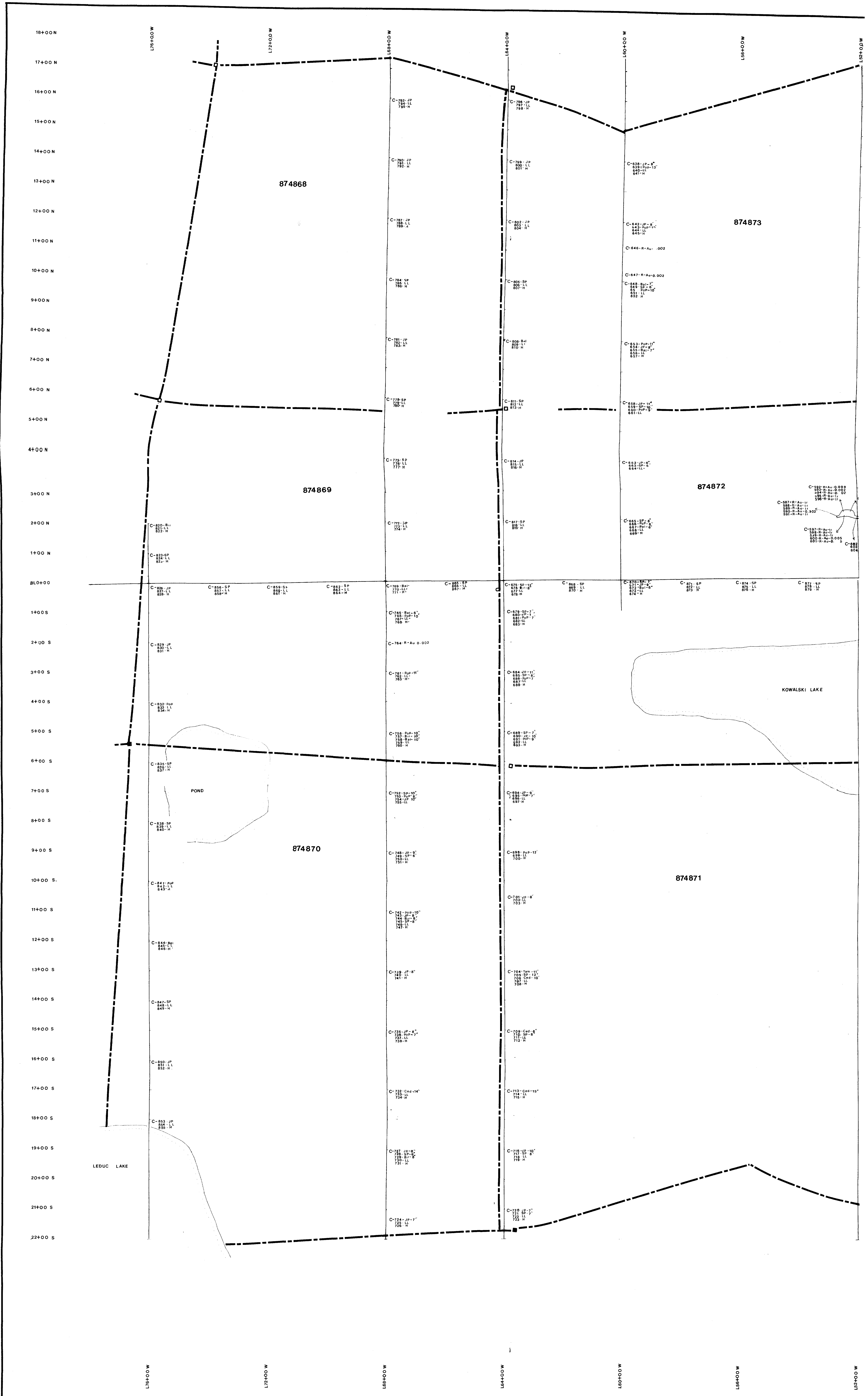
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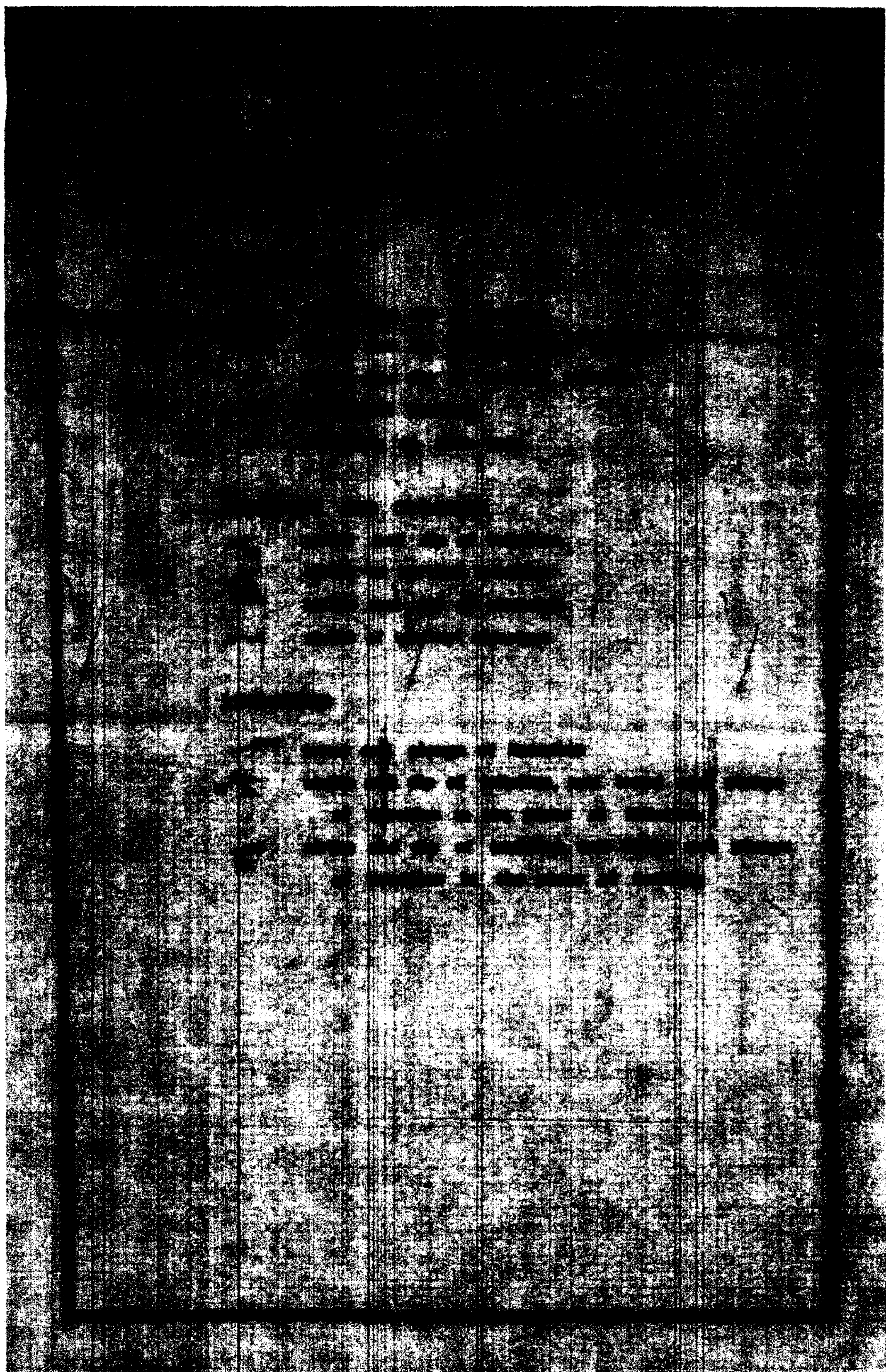
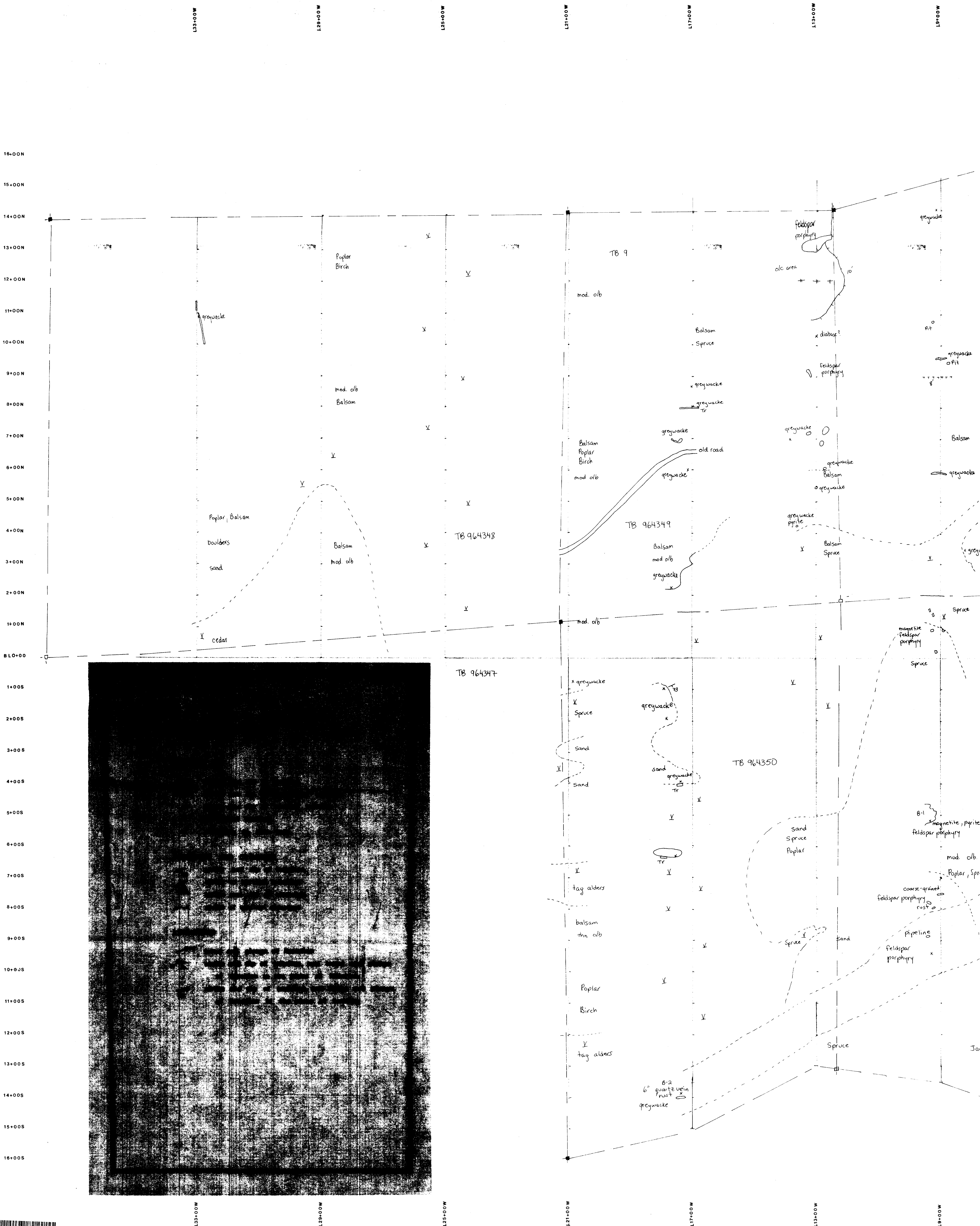
KOWALSKI LAKE

LEDUC LAKE

POND







L33+00 W L28+00 W L23+00 W L18+00 W L13+00 W L08+00 W L03+00 W

16+00N
15+00N
14+00N
13+00N
12+00N
11+00N
10+00N
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
8+00S
7+00S
6+00S
5+00S
4+00S
3+00S
2+00S
1+00S

L33+00 W L28+00 W L23+00 W L18+00 W L13+00 W L08+00 W L03+00 W

LEGEND

2. 13413

1 **METAVOLCANIC - andesite**
a quartz o chalcopyrite
b rust p pyrrhotite
c iron carbonate q sericite
d galena r epidote
e magnetite
f shearing
g pyrite
h vesicular
i folded
j massive
k specularite
l hematite
m foliated
n pillowed

2 **METASEDIMENT - greywacke**
a quartz q sericite
b rust
c iron carbonate
d galena
e magnetite
f shearing
g pyrite
i folded
j massive
k specularite
l hematite
m foliated
o chalcopyrite
p pyrrhotite

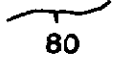


3 **IRON FORMATION**
a quartz i folded
b rust j massive
c iron carbonate k specularite
d galena l hematite
e magnetite m foliated
f shearing o chalcopyrite
g pyrite p pyrrhotite

4 **DIORITE**
a quartz
b rust
c iron carbonate
d galena
e magnetite
f shearing
g pyrite
i folded
j massive
k specularite
l hematite
m foliated
o chalcopyrite
p pyrrhotite
q sericite
r epidote

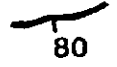


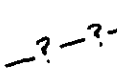


map symbols


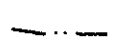







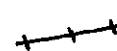






LITHOLOGIC CONTACTS

-  contact, showing dip
-  contact, approximate location
-  contact, concealed

FAULT CONTACTS

-  fault, showing dip
-  fault, approximate location
-  fault, concealed
-  fault, existence uncertain






OTHER

-  lakeshore
-  creek
-  outcrop
-  outcrop area
-  cliff
-  ridge
-  hill
-  swamp
- thin o\b thin overburden
- mod o\b moderate overburden
- thick o\b thick overburden
-  road
-  railroad
-  hydro line
-  glacial striae
-  ,  located, not located claim post
-  w.p. witness post
-  claim line







map symbols

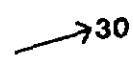
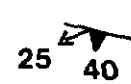
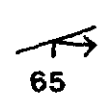
BEDDING

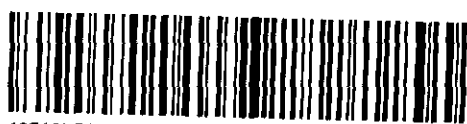
-  strike and dip of bedding
-  strike and dip of overturned bedding
-  strike and dip of vertical bedding
-  horizontal bedding
-  direction of flow tops

FOLIATION AND CLEAVAGE

-  strike and dip of foliation
-  strike of vertical foliation
-  strike and dip of cleavage
-  strike of vertical cleavage

LINEATIONS

-  trend and plunge of lineation
-  strike and dip of foliation, and trend and plunge
of lineation in the plane of foliation
-  strike and dip of bedding, and trend and plunge
of lineation in the plane of bedding



2.13413

LEGEND







GEOBOTANICAL SURVEY

JP - inches	jackpine
SP -	spruce
Bal -	balsam
Tam -	tamarack
Ced -	cedar
Pop -	poplar
Bir -	birch
LL -	litter layer
H -	humus

GEOCHEMICAL SURVEY

R - 0.10	rock Au 0.10 oz/ton
C - 1	sample number

MAP SYMBOLS

	lakeshore
	creek
 , 	located, not located claim post
 w.p.	witness post
	claim line [approximate location]

sheet 4 of 4



42E12NE0009 2.13413 LEDUC

BLACKWATER BAY

HIGHWAY 11

TB 886273

TB 886314

TB 886274

TB 886315

Contact Lake

TB 886275

TB 886316

Pond

Morning Dew Exploration Limited

Blackwater Lake Claims

Geology

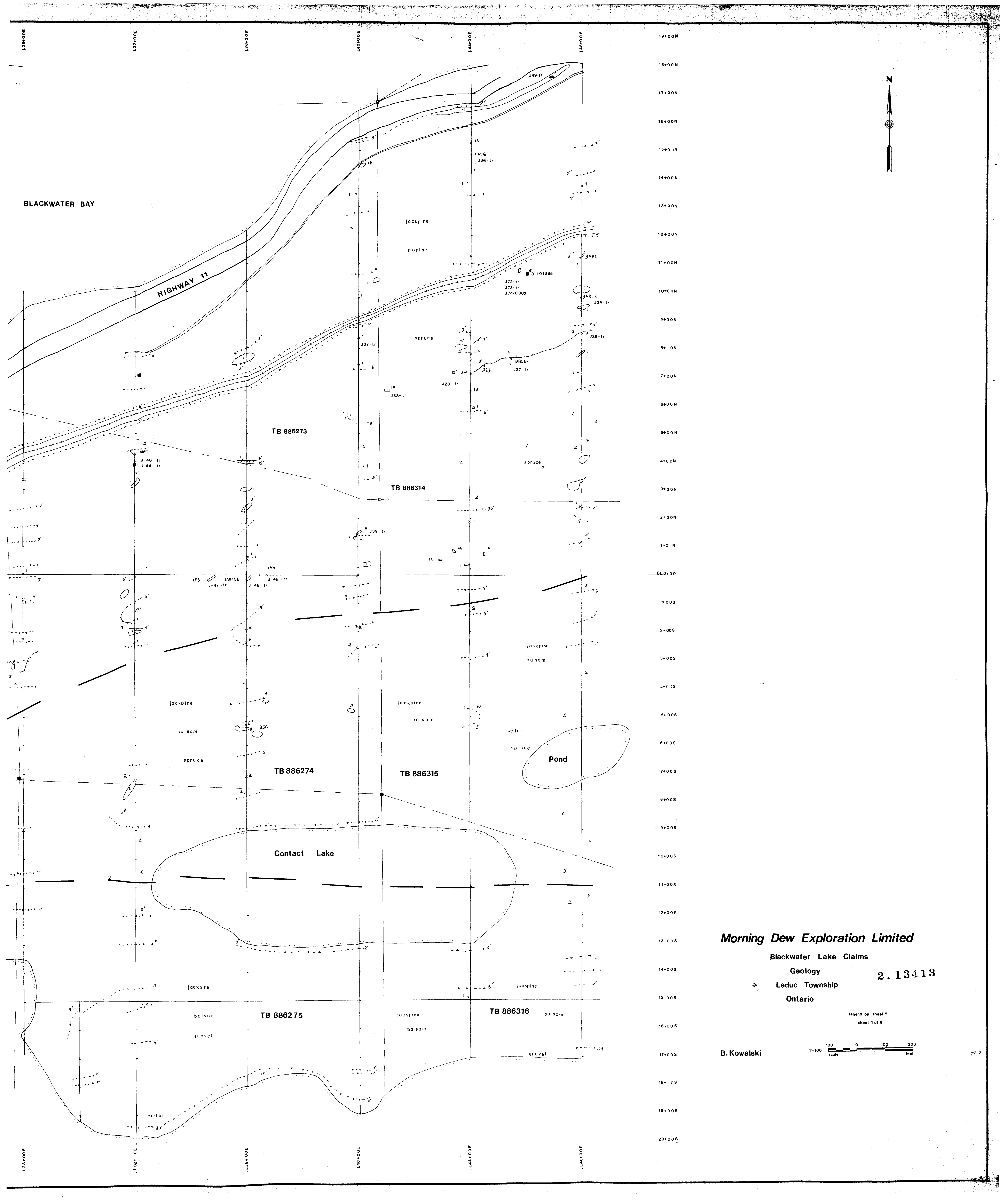
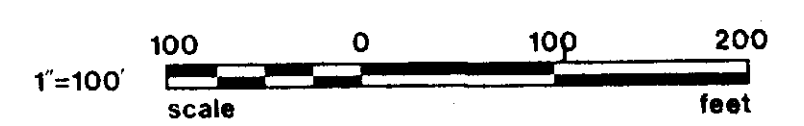
Leduc Township

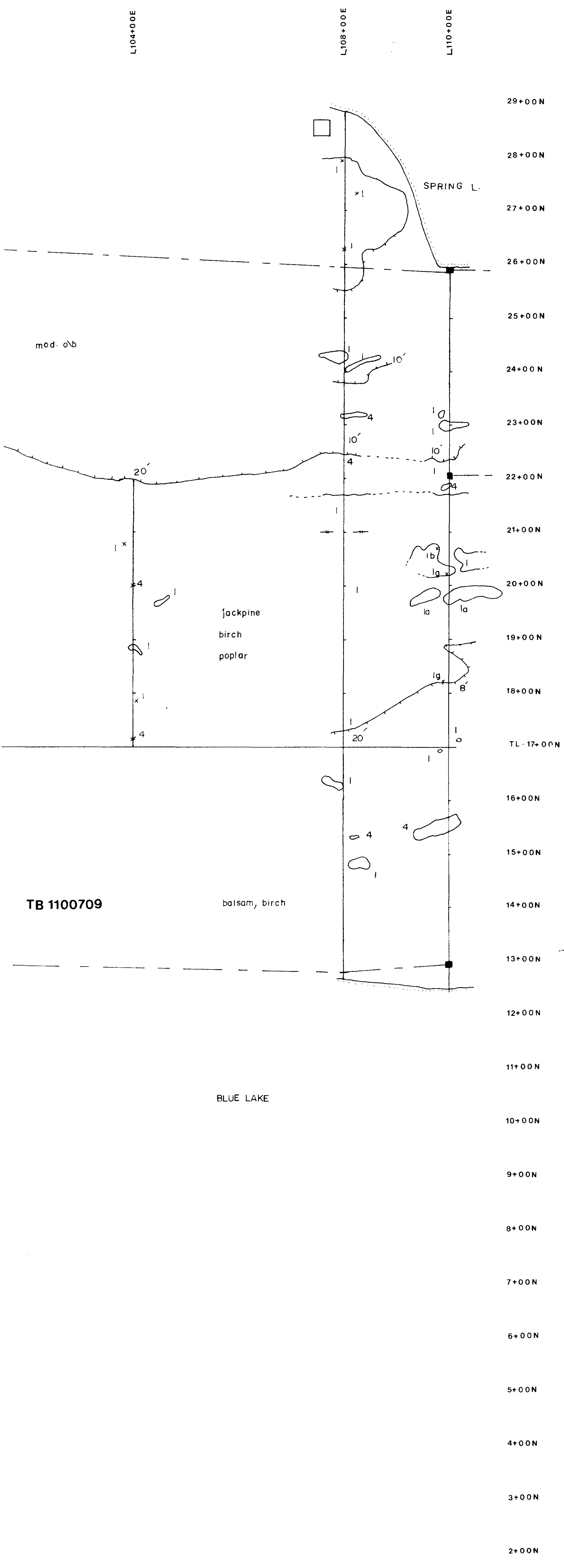
Ontario

2.13413

legend on sheet 5
sheet 1 of 5

B. Kowalski





MORNING DEW EXPLORATION LIMITED

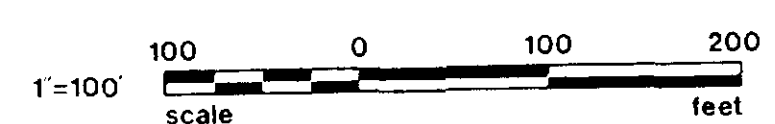
Blackwater Lake Claims

Geology

Leduc Township

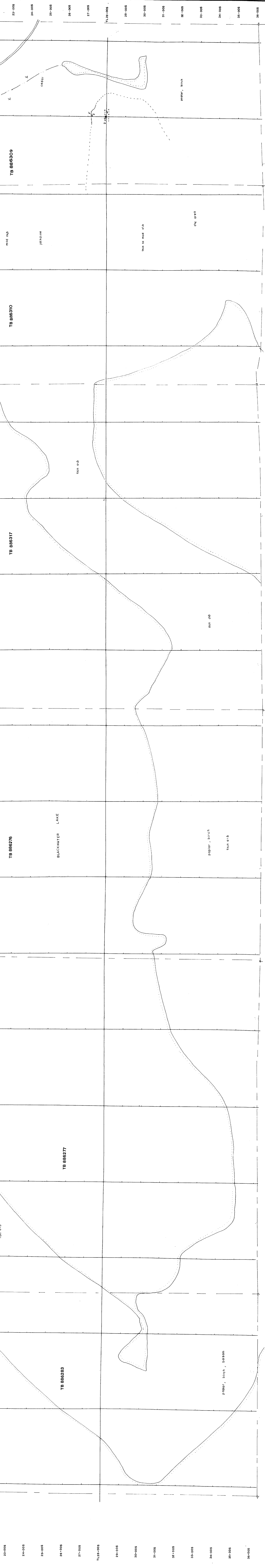
Ontario

legend on sheet 5
sheet 3 of 5



B. Kowalski

2.13413



23+00S
 24+00S
 25+00S
 26+00S
 27+00S
 TL28+00S
 29+00S
 30+00S
 31+00S
 32+00S
 33+00S
 34+00S
 35+00S
 36+00S

16+00E
 17+00E
 18+00E
 19+00E
 20+00E
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 31+00E
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 34+00E
 35+00E
 36+00E

TB 886276
 TB 886277
 TB 886283
 TB 886317
 TB 886310
 TB 886309

BLACKWATER LAKE
 mod o/b
 jackpine
 thin o/b
 poplar, birch
 o/c area
 thin to mod o/b
 poplar, birch

creek

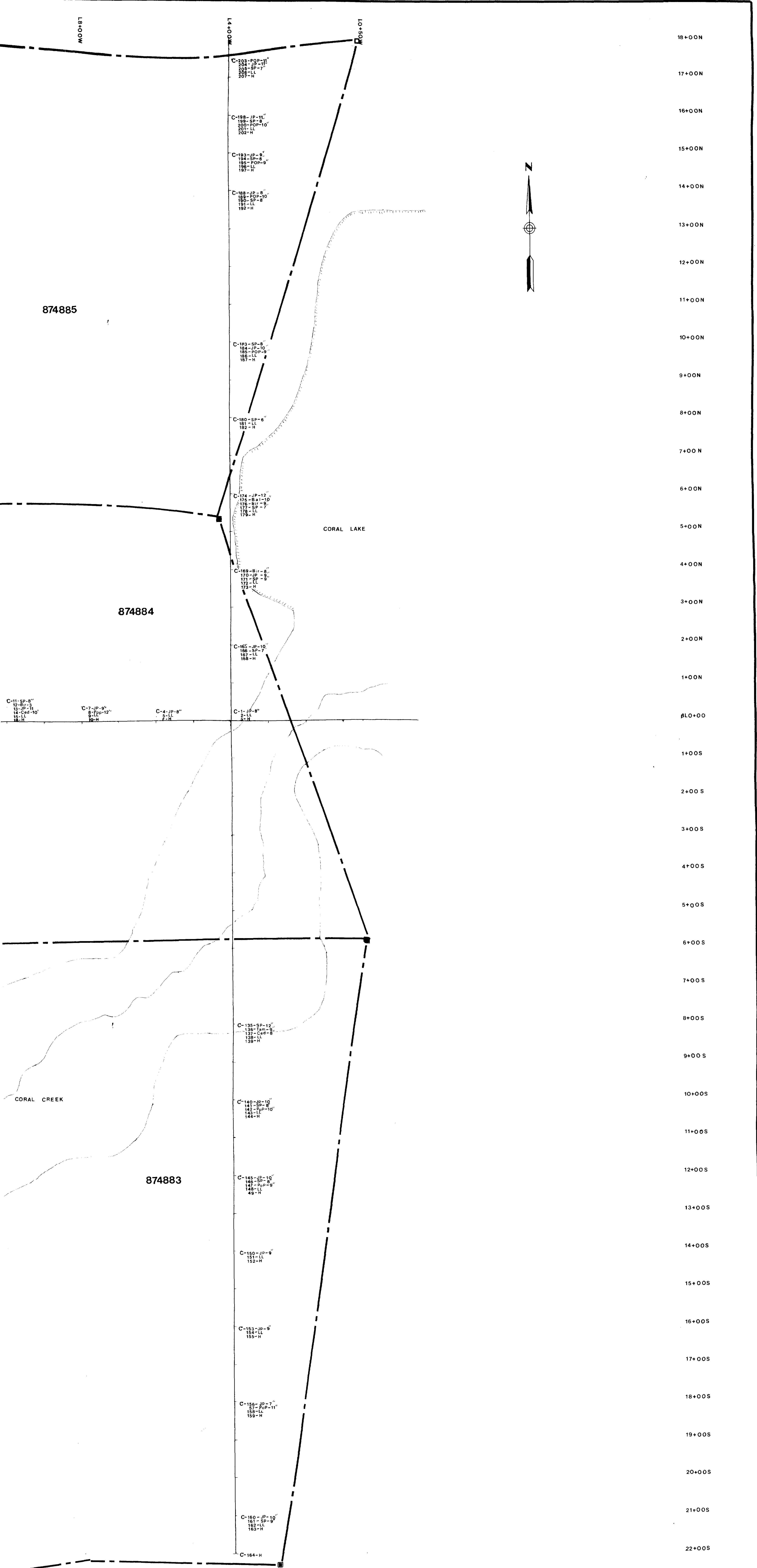
based on sheet 5
 sheet 4 of 5

1"=100'
 SCALE
 0 100 200
 FEET

2.13413



ES&O



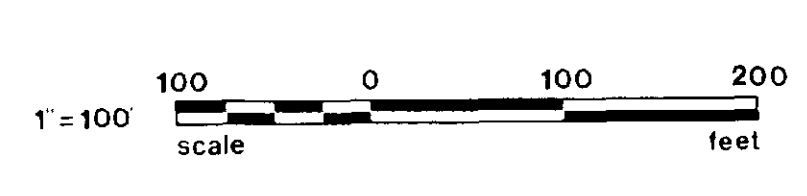
FOUNDER RESOURCES INC.

Coral Lake
 Geobotanical and Geochemical Surveys
 Leduc Township
 Jellicoe, Ontario

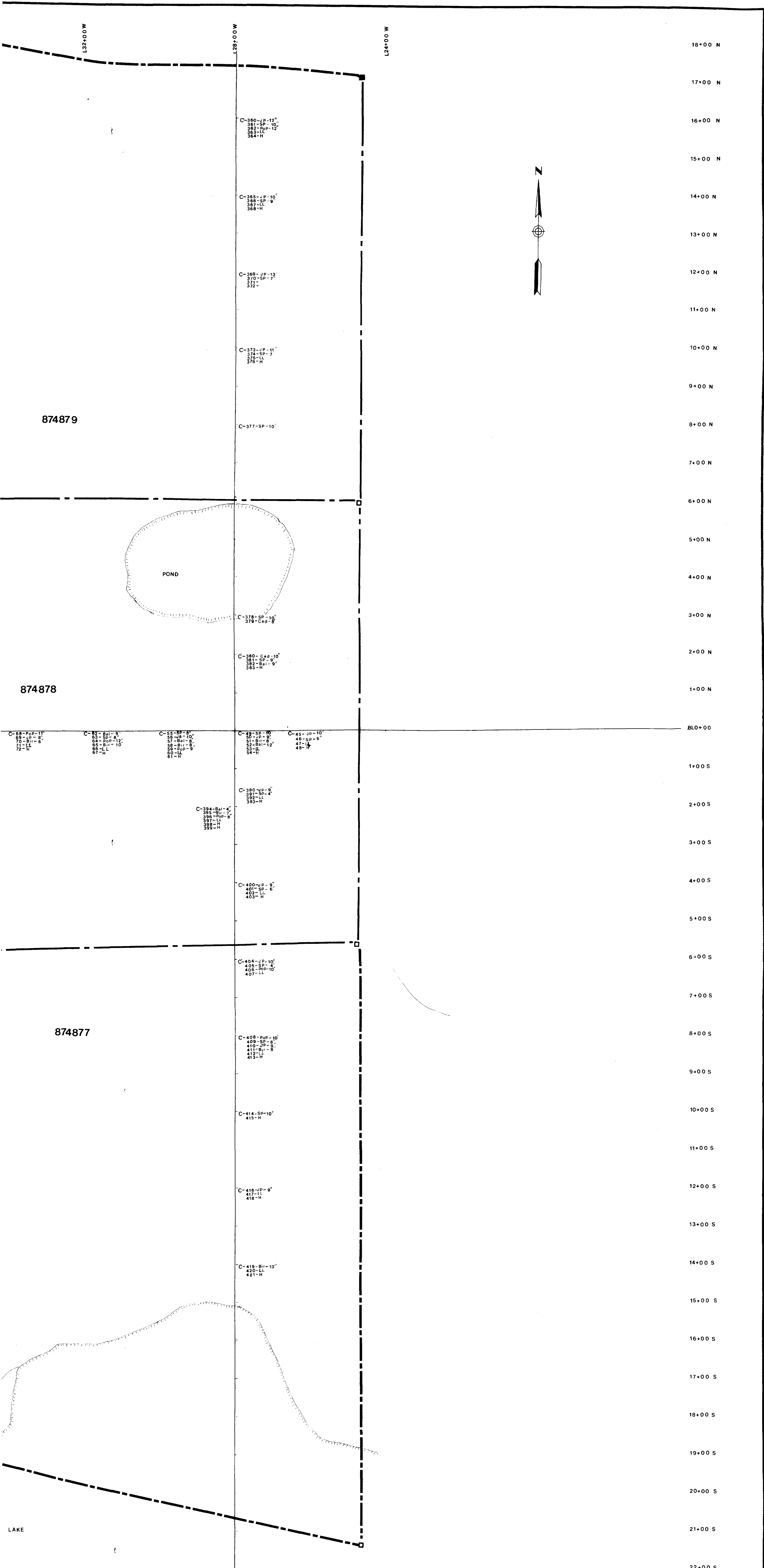
2.13413

sheet 1 of 4

June 1990



18+00N 14+00W 10+00W 18+00N 14+00W 10+00W 18+00N 14+00W 10+00W

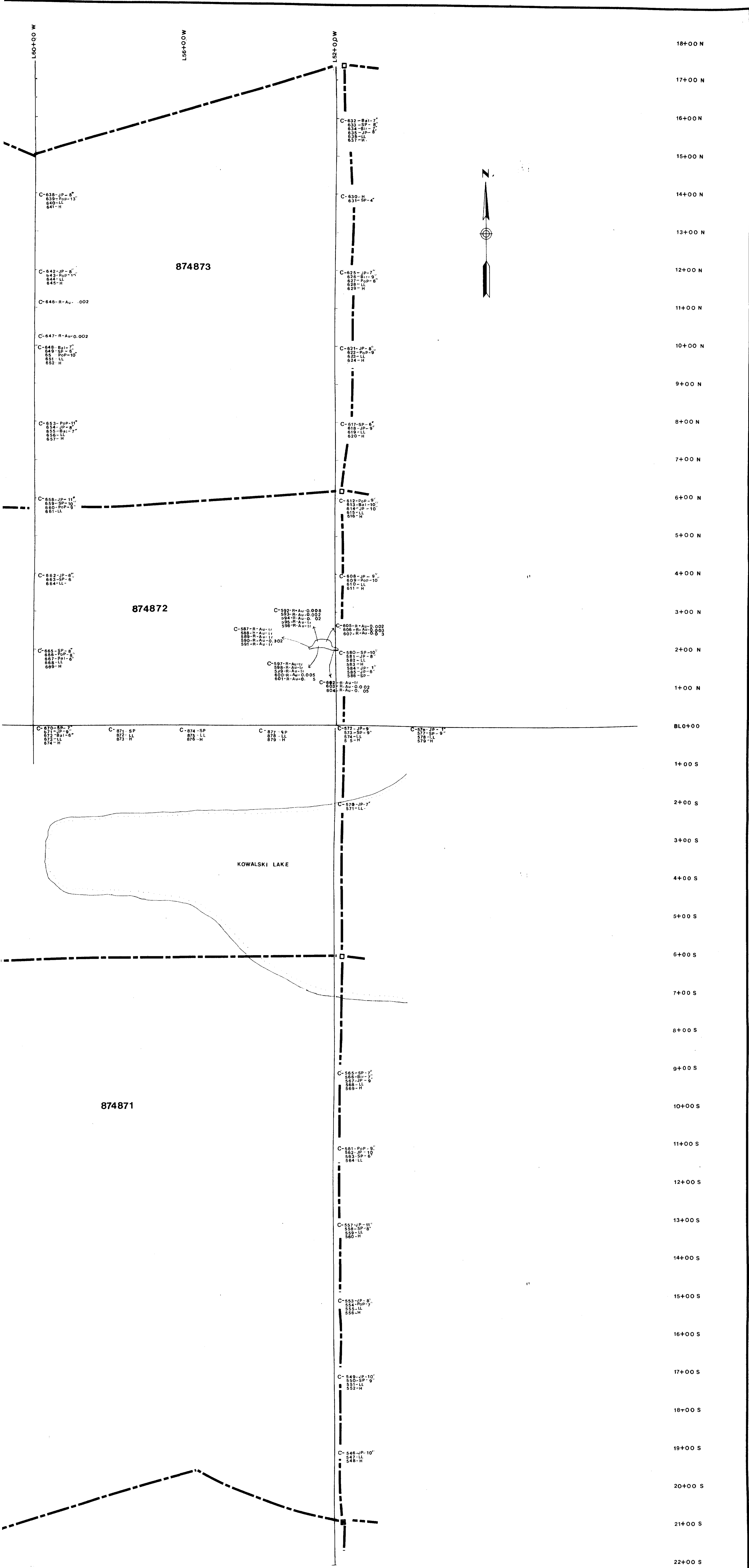


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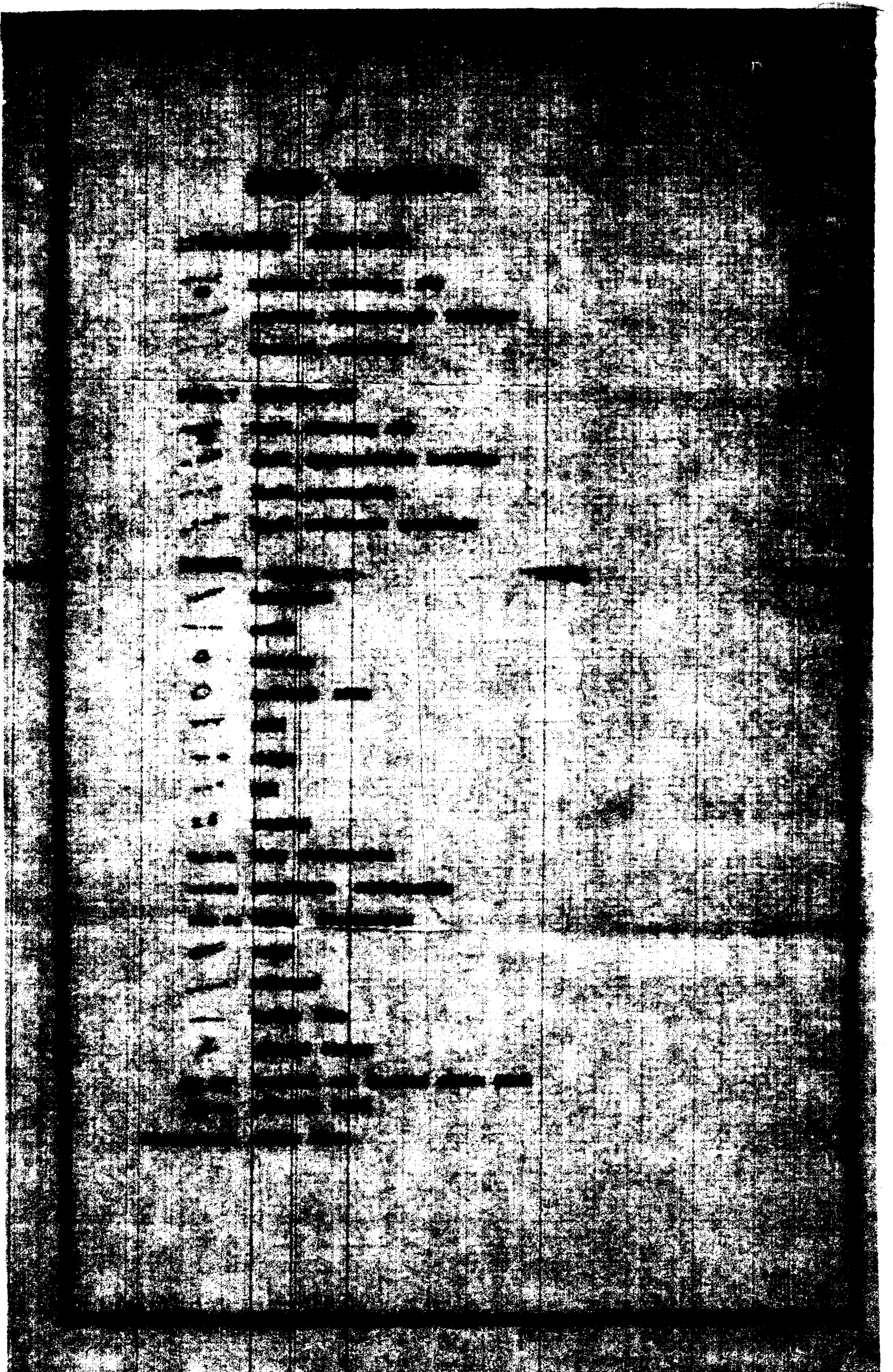
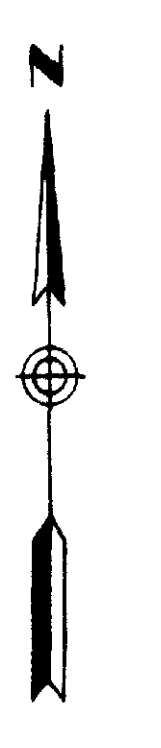




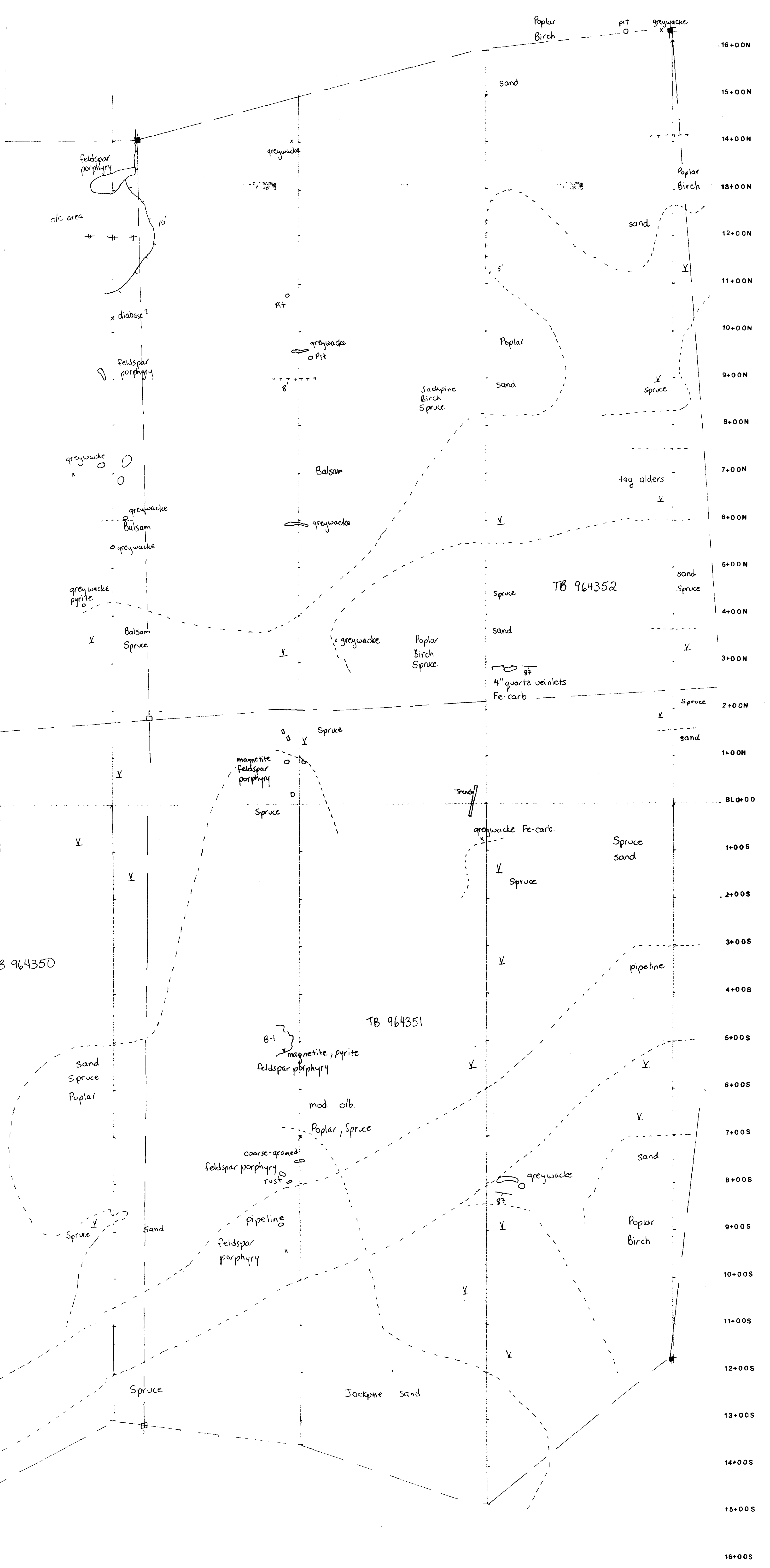
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 Jellicoe, Ontario 2.13413



13+00N
14+00N
15+00N
16+00N



100 0 100 200
scale feet



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GEOLOGY
SUMMERS TOWNSHIP IN THE
DISTRICT OF THUNDER BAY,
ONTARIO

Barbara Kowalski
2.13413 JUNE '90