REPORT ON GEOLOGICAL MAPPING AND GEOCHEMICAL (SOIL) SAMPLING SURVEYS ON THE EAST PUKASKWA CLAIM GROUP FOR CARIBBEAN RESOURCES LTD. EXMAR RESOURCES LTD. AND RED BARN DISTRIBUTION CENTRES LTD.

Wawa, Ontario
January, 1988

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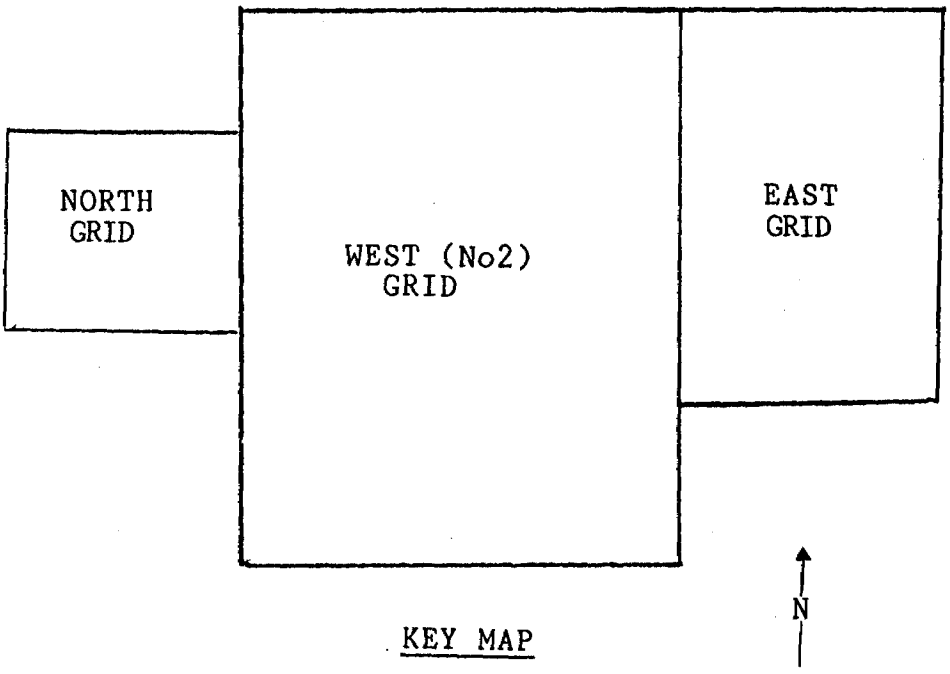

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SUMMARY

A program consisting of Ground Magnetometer and VLF-EM surveys, Geological Mapping, Soil Geochemical sampling and Prospecting has been completed on the above claim group on behalf of the owners - Caribbean Resources Ltd., Exmar Resources Ltd., and Red Barn Distribution Centres Ltd. The program was very successful in outlining a relatively broad east-northeast trending band of favourable geology accompanied by anomalous gold values in both rocks and soils. Values from rock samples routinely collected from sulphide bearing siliceous units within this zone range from trace to 0.54 oz/ton Au. Numerous soil geochemical anomalies were also detected, with values up to 1180 ppb Au.

A follow-up work program consisting of local detailed soil geochemical sampling, prospecting and hand trenching followed by a modest drill program is strongly recommended.

INTRODUCTION

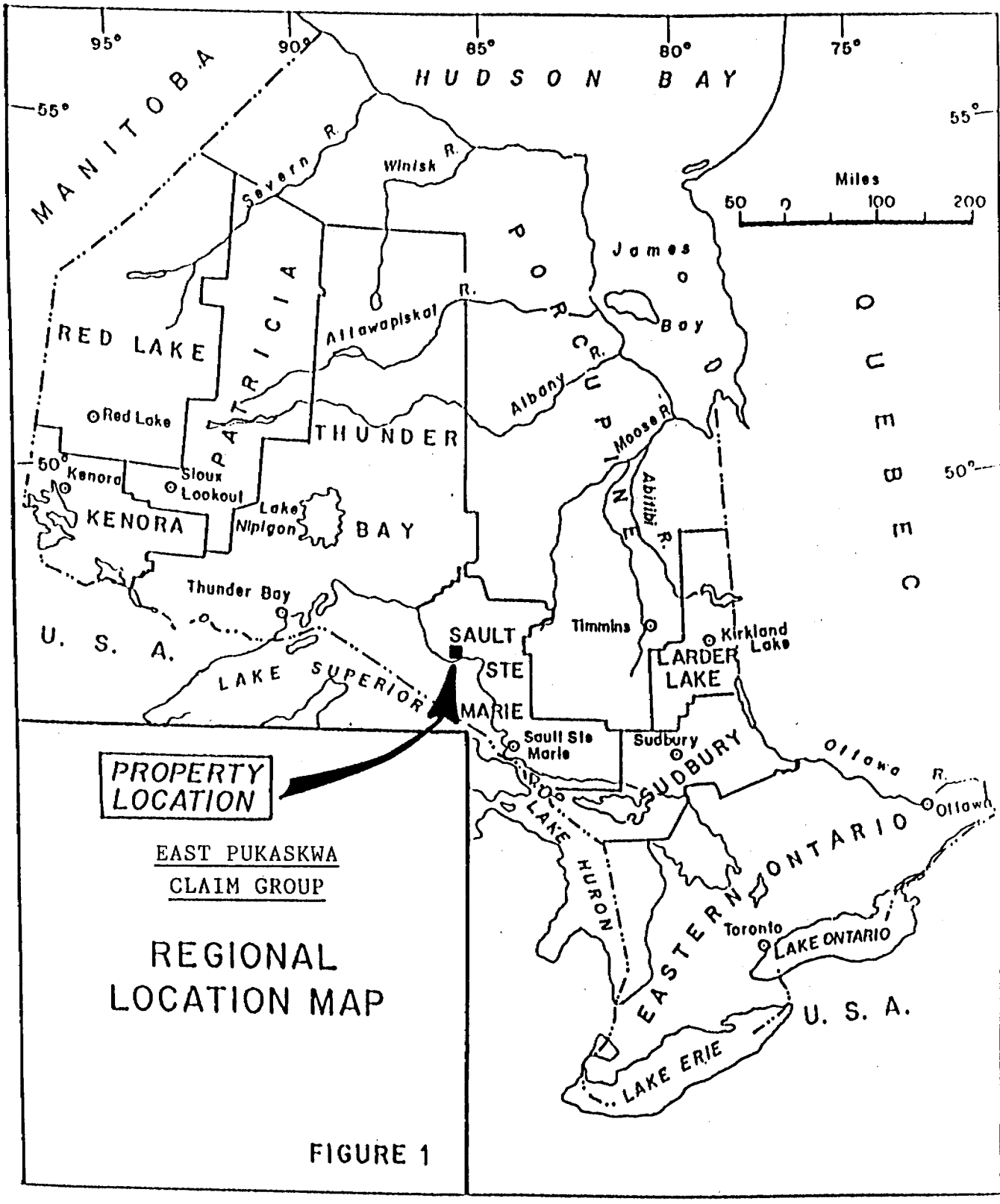
An exploration program consisting of geological mapping, prospecting and rock sampling, and soil geochemical sampling was carried out on a portion of a 234 claim group located in the Mishibishu Lake Greenstone Belt of northcentral Ontario.The work was completed on behalf of Caribbean Resources Ltd., Exmar Resources Ltd., and Red Barn Distribution Centres Ltd., all of Vancouver, B.C. The claims are held under an option agreement from the owner, Ms Ruth Ditto of Suite 1030 - 609 Granville Street, Vancouver, B.C.

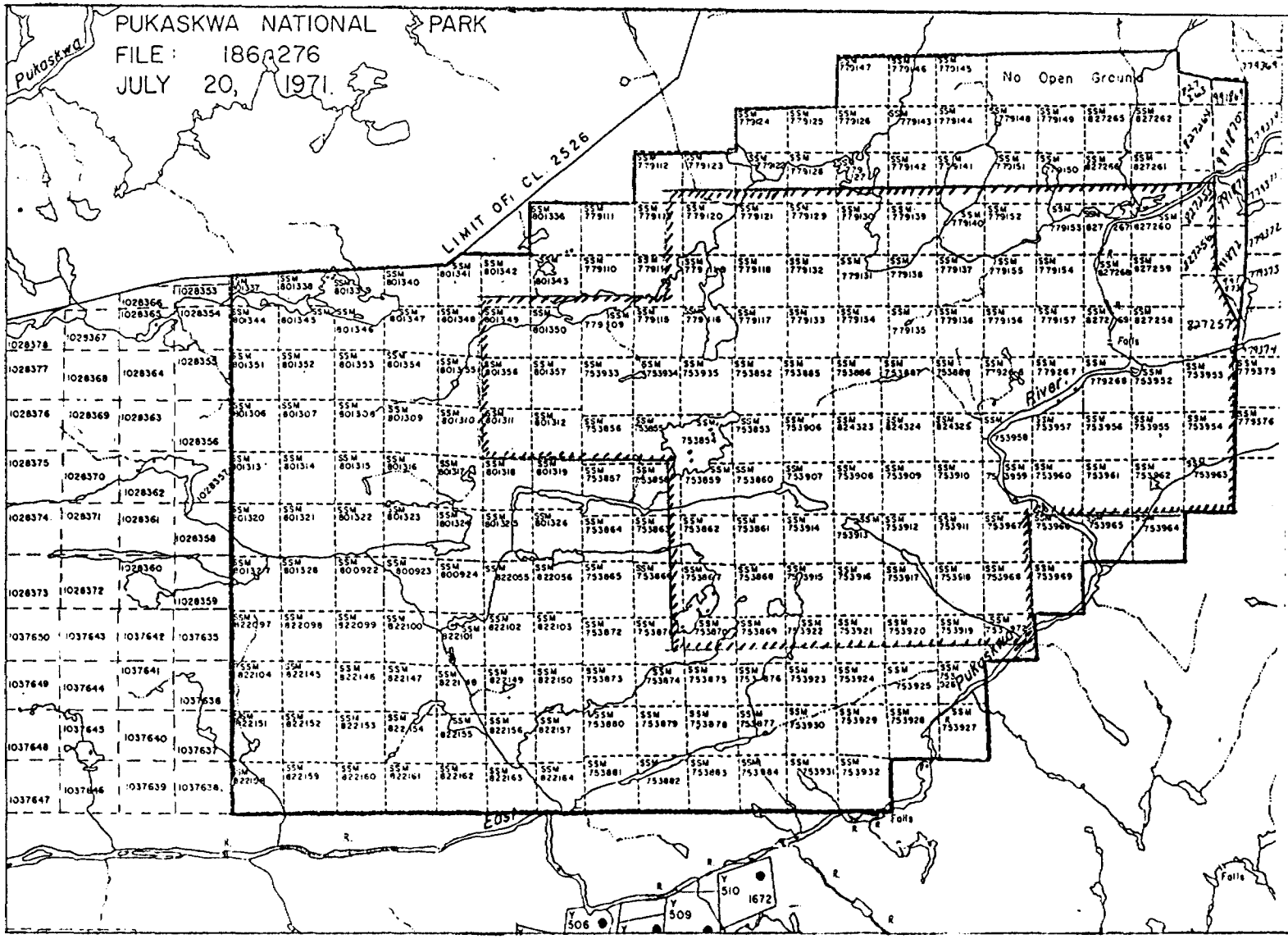
The surveys were conducted for the purpose of locating economic deposits of gold. The program was designed by H.M.Jones and Associates Inc. on behalf of the three companies, and carried out by personnel of Sears, Barry and Associates Inc. of Wawa, Ontario. The work program with which this report is concerned was carried out between June 24th, and September 8, 1987.

PROPERTY, LOCATION AND ACCESS

The Claim Group is located in David Lakes Map Area, Sault Ste. Marie Mining Division, Ontario (Fig 1). It is centered ten (10) miles west of Mishibishu Lake on NTS sheet 42-C-4 (Pukaskwa River Map Sheet) at longitude 85 40', latitude 48 04'. This point is approximately forty (40) miles west of the town of Wawa.

The property consists of 234 contiguous, unpatented mining claims. They are shown on M.N.R. Claim Map G-3765 (David Lakes), a portion of which is included in this report as Figure 2. The


95°
90°
85°
80°
75°
55°
HUDSON BAY
MANITOBA
Severn R.
Winisk R.
Miles
50 0 100 200
James Bay
ONTARIO
PATRICIA
RED LAKE
Attawapiskat R.
Albany R.
Red Lake
THUNDER
Moose R.
50°
Kenora
Sioux Lookout
Lake Nipigon
KENORA
BAY
Abitibi R.
Thunder Bay
U. S. A.
SAULT STE MARIE
Timmins
Kirkland Lake
LARDER LAKE
LAKE SUPERIOR
Sault Ste Marie
Sudbury
SUDBURY
Ottawa R.
Ottawa
LAKE HURON
EASTERN ONTARIO
Toronto
LAKE ONTARIO
U. S. A.
LAKE ERIE
PROPERTY LOCATION
EAST PUKASKWA
CLAIM GROUP
REGIONAL
LOCATION MAP
FIGURE 1



Claims upon which work was completed

Outline of 234 Claim Block

CARIBBEAN RESOURCES LTD.
EXMAR RESOURCES LTD.
RED BARN DISTRIBUTION CENTRES LTD.

Fig 2 CLAIM MAP (Part of MNR Claim Map G-3765, David Lakes Area)

Scale 1" = ½ mile

claims have various recording dates during November and December of 1984, are currently in good standing, and are numbered as follows:

SSM 753915 to SSM 753935 (incl)

SSM 753952 to SSM 753969 (incl)

SSM 753972

SSM 779109 to SSM 779157 (incl)

SSM 779266 to SSM 779268 (incl)

SSM 800922 to SSM 800924 (incl)

SSM 801306 to SSM 801328 (incl)

SSM 801336 to SSM 801357 (incl)

SSM 822055 to SSM 822056 (incl)

SSM 822097 to SSM 822104 (incl)

SSM 822145 to SSM 822164 (incl)

SSM 824323 to SSM 824325 (incl)

SSM 827255 to SSM 827269 (incl)

The only feasible means of access to the property is by helicopter. Helicopter service is currently available from Wawa (40 miles) and Marathon (60 miles). An all seasons access road to the Magnacon Gold Prospect at Mishibishu Lake provides a means of mobilizing equipment and supplies to within twelve (12) miles of the property.

PHYSIOGRAPHY

Relief on the property varies from relatively flat and undulating to extremely rugged. Subvertical cliffs up to 200 feet in height occur locally. Lesser cliffs, from 10 to 20 feet in

height and subparallel to regional geological strike (60 to 70 degrees) are abundant.

Overburden is very shallow over most of the area examined, although it is somewhat more extensive in the northern and western parts of the claim group. It is typically composed of a thin A-Horizon, a well developed B-Horizon and relatively thin C-Horizon. The thicker overburden in the north and west parts of the claim group is generally made up of glacial material, and contains considerable large erratic boulders. Thick gravel, sand and clay deposits locally flank the course of the East Pukaskwa River, a major water system which crosses the property. All minor streams drain into the East Pukaskwa, and ultimately into Lake Superior.

Vegetation consists of birch, poplar, occasional maple and dense underbrush on the hills, mixed forest (budworm killed balsam fir, spruce, and pine) in lower land, and cedar, alder and tamarack in swampy areas.

PREVIOUS WORK

The East Pukaskwa Area has had very little serious exploration activity in the past. Essentially all of the work reported prior to the current acquisition of the claims has been directed towards the search for base metals. Within the area covered by the current claim block, the results of only two minor work programs are recorded. These include:

1977-78 Noranda Exploration Co. Ltd. - Completed ground Magnetometer and EM surveys, presumably as follow-up to an unrecorded Airborne Geophysical survey in two small areas marginally within the southern

portion of the claim group. No extensive follow-up work was completed.

1983 Cotton Valley Resources Ltd. - Flew a Helicopter-borne Magnetic, Electromagnetic and VLF-EM survey. No follow-up work was reported.

Following the acquisition of the claims by the current owners, a new Airborne Geophysical Survey was commissioned and the resulting data recorded for assessment work (1985). During 1986 a brief reconnaissance program was carried out by H.M.Jones and Associates on behalf of the owners. The results of this work were not recorded separately, but are included in this report.

There has been minor work reported on adjacent property since 1984 that is of some significance, but is generally of the reconnaissance nature.

Geological mapping of the East Pukaskwa portion of the Mishibishu Greenstone belt was completed on behalf of the geological branch of the Ontario Government on at least two different occasions. These include Bennett and Thurston (1977), and a more intensive mapping program not yet published in its final form (Bowen, 1985, 1986, and Reid, 1987).

REGIONAL GEOLOGY

The general geology of the Mishibishu Lake Greenstone Belt has been described most recently by Reid (1987) in the 1987 Summary of Field Work by the Ontario Geological Survey. Reids general geological map is reproduced below without editing as Figure 3. As can be seen, the belt is a typical Archean

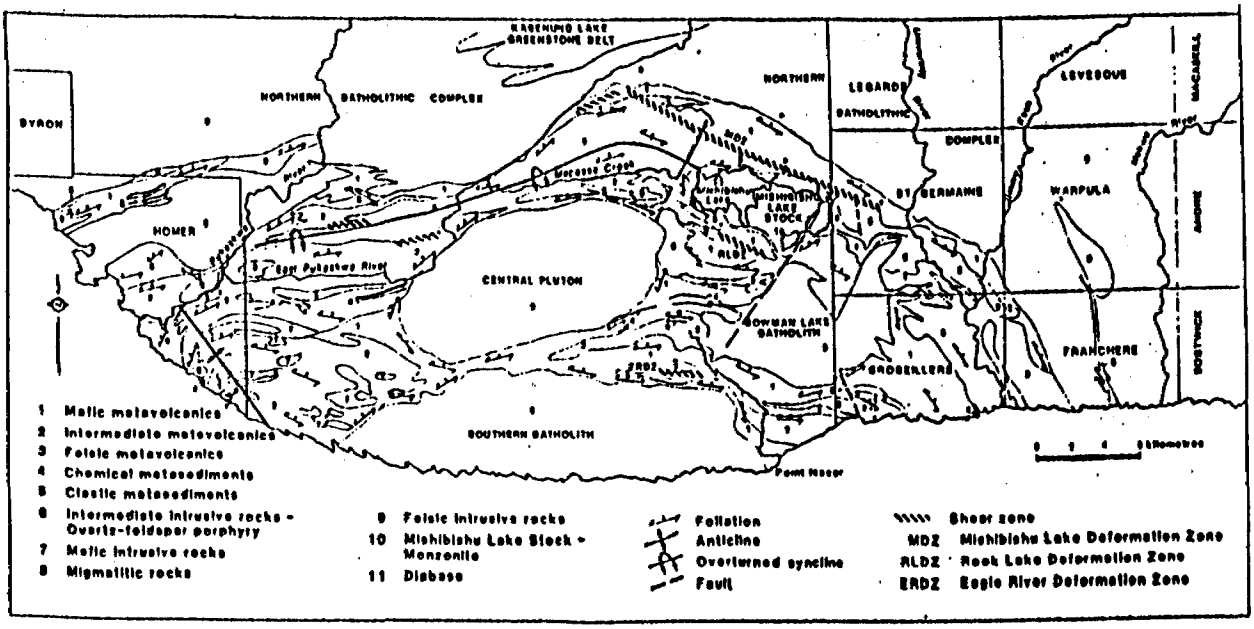


Fig 3. *General Geology of the Mishibishu Lake Greenstone Belt* (Reproduced without editing from Reid, 1987)

Greenstone Belt, consisting of sequences of mafic to felsic metavolcanics and chemical and clastic metesediments cut by mafic to felsic dykes and sills and bound by granitic plutonic and batholithic rocks. These rocks are cut by an unusually high number of diabase dykes. The belt is described as being in the form of a broad anticline. It is flanked on the north and south by large granitic batholiths (Northern Batholithic Complex and Southern Batholith), and disrupted in the center by the intrusion of two granitic plutons (the Central Pluton, and the Bowman Lake Pluton). This Central Pluton divides the Greenstone Belt into two distinct bands. The northern part of the belt contains a higher proportion of sedimentary rocks, whereas the southern part contains more mafic volcanic rocks and oxide iron formations.

At the present time, the targets of most economic significance in the area are a number of "deformation zones" that are locally accompanied by intense alteration as well as

sulphides and gold mineralization. The zones that have been identified to date are shown on Reid's map (Fig 3). The known gold mineralization in the northern part of the belt (eg. Magnacon) is generally accompanied by arsenopyrite, whereas that found in the southern part reportedly has no arsenopyrite association.

The East Pukaskwa Claim Group of Caribbean Resources et al is located near the western end of the northern part of the belt (Fig 3).

PROPERTY GEOLOGY

The East Pukaskwa claims examined in this program are underlain by three broadly defined sequences of rocks trending 070 to 075 and dipping variably to the north. These three sequences are recognized on a regional scale at least as far east as the Magnacon Au deposit on the north side of Mishibishu Lake. They include:

1) The Northern Volcanic Sequence
2) The Central Sedimentary Sequence
3) The Southern Volcanic Sequence

The Northern Volcanic sequence consists mainly of highly carbonated mafic to intermediate volcanics, with local lenses and narrow bands of felsic volcanics and interflow sediments. Felsic dykes and sills, although rare in the east, are quite common in the western half of the area. A large body of granite marks the

north boundary of this sequence. The south contact is highly deformed and locally ambiguous. The Central Sediments consist of a core of polymictic conglomerate flanked by a wide band of greywacke, arkose and argillaceous shales on the south and a narrower more siliceous sequence of fine grained clastic and volcaniclastic sediments on the north. The Southern Volcanics are made up of a mixed sequence of mafic to felsic volcanics with appreciable interflow sediments in the northern part underlain by a thick sequence of pillowed to massive mafic volcanics in the south. The Southern Volcanic sequence is characterized by abundant Iron Formation. The north contact of the Southern Volcanics is often ambiguous but is generally marked by a very prominent and persistent felsic sill and dyke complex up to three hundred metres wide. The south contact occurs only in the extreme southeast corner of the property, where it is bounded by a coarse grained granite.

The mapping program utilized six (6) major rock units. These include:

1) Mafic to Intermediate Meta-Volcanic Rocks These rocks are pale to dark green, fine to coarse grained, locally feldspar porphyritic, and variably deformed. They are highly amphibolitized adjacent to felsic plutonic rocks. Four subdivisions were dominant, including 1a) massive to foliated mafic flows; 1b) pillowed flows; 1c) mafic tuffs; 1d) pillow and flow breccias.

2) Felsic to Intermediate Meta-Volcanic Rocks These rocks are pale green to grey, fine grained to coarse tuffaceous, thinly laminated and variably deformed. They were divided into two subdivisions, ie. 2a) Massive to foliated dacitic to rhyolitic flows; 2b) tuffaceous rocks.

3) Clastic Metasedimentary Rocks These rocks are pale to dark grey, thinly laminated to massive, fine to coarse grained to conglomeratic, variably deformed and locally

quartz porphyritic. They were divided into two types, although more detailed division may be warranted. These include 3a) Arkose, wackes, argilllites, siltstones, mudstones, and shales; 3b) Conglomerate.

4) Mafic to Intermediate Intrusive Rocks These rocks are rare in the mapped area, but more common in adjacent areas. They consist of local sills and feeder dykes within the mafic volcanic rocks in the northern and southern part of the claim block.

5) Felsic to Intermediate Intrusive Rocks These include 5a) Fine grained dykes and sills; 5b) Feldspar Porphyry; 5c) Quartz Feldspar Porphyry; and 5d) Coarse grained massive granite.

6) Mafic Dykes and Sills These include both magnetic and nonmagnetic, fine to medium grained to porphyritic, undeformed rocks, that are almost exclusively 6a) Diabase; but occasionally 6b) Lamprophyre.

The geological information is shown on the accompanying three maps (Maps 1, 2 and 3). Structurally, the most important features are two zones of strong shearing oriented sub-parallel to the regional strike (70 to 80 degrees). One of these is coincident with the contact between the northern volcanic and the central sedimentary sequences. It is characterized by a strong schistosity, rotated conglomerate clasts, crenulation folding, and local highly altered zones (silica, carbonate, sericite, chlorite, blue quartz eyes). The second zone occurs in the south part of the area mapped. It is generally associated with a contact between mafic and felsic volcanic rocks of the southern volcanic sequence. It was not fully examined during this mapping program, since it occurs primarily on claims which were immediately south of the project area, although within the overall claim block. Both of these shear zones are shown as deformation zones on Figure 3.

Although regional studies suggest that the sedimentary rocks in this area are part of a synclinal structure (Bowen, 1985, 1986; Reid 1987) this was not confirmed by local field evidence. There is a general dip towards the north (averaging 55 to 65 degrees) of almost all exposed rocks within the mapped area. Local structural features within the metasedimentary rocks are inconclusive at best, but there does appear to be a general north facing pattern in the majority of rocks on both sides of the proposed synclinal axis. Also, the rocks which constitute the northern volcanic sequence have very little in common with those of the southern volcanic sequence, in appearance nor in their accessory mineral content. Further work including whole rock analysis is necessary before any conclusions can be drawn.

Within the East Pukaskwa claim block, three environments favourable for economic gold mineralization are recognized. The most promising of these is the highly deformed contact zone between the Northern Volcanic and the Central Sedimentary sequences. Within the southern flank of this zone are found local silicified lenses with associated quartz stringers and veins, as well as concentration of pyrite and arsenopyrite. These silicified zones almost always have a close spacial relationship with rocks containing distinctive blue quartz eyes. The host rock varies from a conglomerate, to graphitic shale horizons within conglomerate, to what appears to be a fine grained felsic volcanic. The blue quartz phenocrysts and the associated quartz veins and stringers may represent structurally controlled alteration zones. Most of the soil geochemical

anomalies located to date as well as the encouraging assays in rock samples are from this general location.

Three rock samples containing highly anomalous gold values have been located within this general zone. They include sample # 16221 (0.139 oz/ton Au) located at 2210 North on Line 625 West (East Grid, Map 1A); # 16070 (12,080ppb Au) located at 270 North on Line 1375 East (North Grid, Map 1C) and # 16069 (18,460 ppb Au) located at 768 North on Line 1625 East (North Grid, Map 1C).

A second environment for potential gold mineralization is the felsic sill and dyke complex associated with the contact between the Central Sedimentary sequence and the Southern volcanics. This complex locally contains impressive zones of close spaced narrow quartz stringers and associated pyrite and arsenopyrite mineralization. Although only low gold values have been obtained from these zones where sampled to date, further sampling appears warranted. Similar although less extensive felsic dykes have been observed in the southern portion of the Northern Volcanic sequence.

The Iron Formations in the Southern volcanic belt constitute another target which deserves additional attention. This environment should be evaluated in search of polymetallic massive sulphide deposits. Scattered weak gold anomalies in the southwest corner of the project area could represent this type of target.

Approximately 250 rock samples were collected as part of the geological mapping and routine prospecting program. The

locations of these samples are shown on the accompanying maps (1, 2, & 3), and descriptions and analytical data enclosed in the appendix.

GEOCHEMICAL (SOIL) SAMPLING SURVEY

Because of problems associated with crossing the East Pukaskwa River, and the desire to tie in to and utilize orientation grids established in 1986, three separate grids were established on the property for sample collection. East - west baselines were cut to provide control and easier access to the large grid system. North - south crosslines were flagged in at 100 metre intervals, using hip-chain and compass methods, with stations being established every 25 metres.

Soil samples were collected from the B-Horizon at the above stations. The samples were collected by grub-hoe from depths of 3" to 15". They were placed in kraft soil sample bags, dried and shipped to Acme Analytical Laboratories in Vancouver for analyses. At the laboratory, they were sieved to -80 mesh fraction and analysed for Gold, Silver, Copper, Lead, Zinc, and Arsenic. The analytical method involved digesting a .500 gram sample with HCl-HNO3-H2O (3-1-2) for 1 hour, and analysing for all but gold by an inductively coupled plasma analyser (ICP). The gold analysis was completed by means of an aqua-regia digestion of a 10 gram sample, with an Atomic Absorption technique. The resulting data was plotted at a scale of 1:500 and is included with this report as Maps 2A, 2B, 2C (As/Au); 3A, 3B, 3C (Pb/Zn), and 4A, 4B, 4C (Cu/Ag).

A total of five thousand, two hundred and twenty (5220) samples were collected. Approximately 135.5 km of flagged line was traversed.

DISCUSSION OF RESULTS

As can be seen from the accompanying maps, the majority of the anomalous gold values appear to be coincident with the northern part of the Central Sedimentary Sequence, immediately adjacent to its sheared contact with the Northern Volcanics. Furthermore, there are two distinct types of anomaly in this zone. One of these consists of anomalous gold accompanied by high arsenic values. The other is a series of linear gold anomalies located several hundred metres south of the above contact. It is quite likely that these anomalous trends reflect anomalous gold values in bedrock.

There are numerous other scattered individual and/or small clusters of anomalous gold values that may warrant additional follow-up work. Among those are a few weak values located in the southwest corner of the West Grid (Map 2B). Although sampling coverage is incomplete in this area, the presence of siliceous felsic volcanic rocks, accompanied by local occurrences of massive sulphide stringers and lenses suggest that this part of the claim block should be carefully evaluated.

The only other type of anomaly that may have economic significance as delineated by this survey is an extensive zinc anomaly that extends accross the north margin of the Southern Volcanic Sequence. The highest value within this anomaly is 1672

ppm Zn, at 1350 South on Line 1 West (West Grid, Map 2B). This value overlies a sphalerite bearing quartz lens exposed in the riverbank near this location. A thorough prospecting program may be warranted along this trend, especially since it is appproximately coincident with a deformation zone identified by Reid, 1987.

CONCLUSIONS & RECOMMENDATIONS

A Soil Geochemical Program has detected anomalous gold values in soil samples collected over a band of sedimentary rocks in the Mishibishu Lake Greenstone Belt. A number of rock samples collected from the same general area have also been found to contain encouraging anomalous gold values. A program consisting of detailed soil sampling, prospecting and rock sampling, detailed geological mapping, stripping and trenching followed by a modest drill phase should be carried out in this area. The remainder of the 234 claim block should be covered by a similar reconnaissance style exploration program during the next field season.

Respectfully submitted,

Seymour Sears

Wawa, Ontario
January, 1988

Seymour M. Sears, B.A., B.Sc.
Geologist

REFERENCES

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Geology of the Pukaskwa River - University River Area, District of Algoma and Thunder Bay; Ontario Division of Mines, Geoscience Report 153, 60 p. Accompanied by Maps 2332 and 2333, scale 1:63360 or 1 inch to 1 mile, and chart.

1986: Bowen, R.P.
Mishibishu Lake Area, Districts of Algoma and Thunder Bay; p 107-110 in Summary of Field Work, 1986, Ontario Geological Survey, Miscellaneous Paper 132, 435p.

1985: _____
Mishibishu Lake Area, Districts of Algoma and Thunder Bay; p 78-82 in Summary of Field Work, 1985, Ontario Geological Survey, Miscellaneous Paper 126, 351p.

1987: Reid, R.G.
Mishibishu Lake Area, Districts of Algoma and Thunder Bay; p 138-145 in Summary of Field Work and Other Activities, 1987, Ontario Geological Survey, Miscellaneous Paper 137, 429p.

Miscellaneous Assessment Files of the Wawa Office of the Ontario Geological Survey.

STATEMENT OF QUALIFICATIONS

I, Seymour M. Sears, of Wawa, Ontario do certify that:

1. I am a consulting geologist for Sears, Barry and Associates, P. O. box 2058, Wawa, Ontario.

2. I am a B.Sc. Graduate in Geology and a B.A. Graduate in Psychology from Mount Allison University, Sackville, New Brunswick.

3. I have been practicing my profession continuously since 1972.

4. I am a Fellow of the Geological Association of Canada.

5. I have not received nor do I expect to receive any interest, direct or indirect in the Claims of Caribbean Resources Ltd., Exmar Resources Ltd., Red Barn Distribution Centres Ltd., or any affiliated companies.

Respectfully submitted,

Seymour M. Sears, B. A., B. Sc.
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APPENDIX I

ROCK DESCRIPTIONS

		strike in an intermediate volcanic
AP-1208.12 16442	15 + 20 W 2 + 45 S	sheared conglomerate with minor py in matrix
AP-2308.2 16443	15 W 12 + 12 + 90 S	sheared weakly chloritic mafic unit with qtz stringers py and cpy, close to felsic diabase dykes to north
AP-2308.3 16444	15 W 17 + 10 S	subarkosic wacke with minor py
AP-2308.4 16445	14 + 85 W 18 + 65 S	subarkosic wacke with minor py and quartz stringers
AP-2308.5 16446	14 + 95 W 11 + 75 S	mafic volcanic unit with minor py and cut along strike by felsic dyke
AP-2308.6 16447	13 W 3 + 35 S	large angular quartz boulder with py sitting on and around greywacke oc on cliff, qtz is sucrosic, grey with minor black colour
SP-103 16448	075W, 1150N	Quartz stringers in sheared metasediment; minor pyrite
SP-104 16449	100W, 1150N	Silicified zone in felsic dyke; trace pyrite

SP-36 16351	1375 S, L-100 W (Grid #2)	chip sample accross 0.8m wide silicifed hanging wall to quartz vein (16350)
SP-37 16352	1340 S, L-100 W (Grid #2)	silicified zone containing quartz stringers and pyrite; 5m north of quartz vein (16350)
SP-38 16353	1340 S, L-100 W (Grid #2)	gassanous interflow sediment with pyrite; 35m north of quartz vein (16350)
TL 16356	2125 S, L-100 W (Grid #2)	black, siliceous rock (rhyolite); 3% fine disseminated pyrite
JG 16357	550 W, 900 S (Grid #2)	quartz stringers in meta-sedimentary rocks (smokey to hematite stained)
JG 16358	(Grid #2)	5-10 % pyrite in a moderately silicified and sheared mafic volcanic
JG 16359	500 W, 350 S (Grid #2)	massive arsenopyrite lens in narrow quartz stringers cutting an arkosic meta-sediment

AP-1008-10		
16249	1615 S, L-400 W (Grid #2)	felsic dyke with minor disseminated pyrite
16299	L-5 W, 900 N (Grid #2)	sheared mafic volcanic with qtz stringer and pyrite and carbonate
16302	175 W, 725 N (Grid #2)	qtz stringer cutting sheared mafic volcanic minor carbonate and pyrite
16309	L-1 W, 0+10 S (Grid #2)	quartz stringer in sheared greywacke, minor pyrite
16311	L-1 W, 420 N (Grid #2)	sheared, chloritized greywacke, minor pyrite, carbonate; weakly folded
16317	L-1 W, 295 N (Grid #2)	sheared conglomerate with minor pyrite in matrix
16323	L-12 W, 900 N (Grid #2)	quartz stringer and veins in sheared mafic volcanic (2% pyrite)
16324	L-12 W,, 900 N (Grid #2)	quartz stringer in sheared mafic volcanic, 2% pyrite
16325	L-12 W, 900 N (Grid #2)	quartz stringer and wall rock, <5% pyrite (mafic volcanic)
SP-33		
16348	1375 S, L-100 W (Grid #2)	0.8m chip sample accross silicified zone on south side of quartz vein
SP-34		
16349	1375 S, L-100 W (Grid #2)	chip sample accross 0.8m silicified footwall to spholente bearing quartz vein (16350)
SP-35		
16350	1375 S, L-100 W (Grid #2)	chip sample accross 0.6m wide section of quartz vein containing pyrite, sphalerite, and cholcopyrite

SP-47		
16238	490 N, L-1000 W (Grid #2)	silicified, amphibolitized mafic volcanic with 2-5% pyrite
SP-48		
16239	165 N, L-1700 W (Grid #2)	quartz lenses and boudins in silicified and sheared metasediment; minor pyrite
RR-9		
16240	165 N, L-1300 W (North grid)	chloritized mafic volcanic with 2-3 % pyrite
RR-10		
16241	1020 N, L-2000 E (North grid)	quartz cobble from conglomerate; cobble contains 2-5% dissminated pyrite
RR-11		
16242	350 N, L-2620 W (Grid #2)	silicified breccia with 2-5% pyrite, trace copy
16243	375 S, L-1600 W (Grid #2)	quartz stringers in silicified metasediment rusty stained
AP-1008-1		
16244	315 W, 020 S (Grid #2)	siliceous zone in greywacke with up to 2% pyrite, trace copy
AP-1008-3		
16245	315 W, 385 S (Grid #2)	quartz stringers (2-4mm wide) in greywacke, minor pyrite
AP-1008-4		
16246	300 W, 420 S (Grid #2)	ankeritized biotite schist
AP-1008-7		
16247	300 W, 1095 S (Grid #2)	silicified zone in felsic sell containing 2-5% pyrite, scarce cholcopyrite and arsenopyrite
AP-1008-8		
16248	305 W, 1790 S (Grid #2)	intermediate volcanic; brecciated; contains scattered pyrite

RR#7		
16227	922 W, 010 N (Grid #2)	sheared chloritic metasediment or mafic volcanic with quartz stringers and 2-5% cubic pyrite
RR#8		
16228	615 W, 040 N (Grid #2)	conglomerate with quartz cobbles and 2-5% pyrite; flont but close to in place
SP-39		
16229	1455 S, L-900 W (Grid #2)	felsic dyke with py and Aspy as coating along fracture
SP-40		
16230	950 W, 1760 S (Grid #2)	silicified mafic to intermediate volcanic; sheared; 3-5 % pyrite
SP-41		
16231	1355 S, L-800 W (Grid #2)	grey quartz stringer in felsic dyke; minor pyrite
SP-43		
16232	785 S, L-900 W (Grid #2)	grey quartz stringer in boulder; contains tourmaline chlorite and rusty staining
16233	2750 W, 2200 S (Grid #2) shore of lake	chips from quartz vein in excess of 2' wide; smokey quartz
SP-44		
16235	220 N, L-900 W (Grid #2)	chloritic metasediment with <2% pyrite
SP-45		
16236	890 W, 935 N (Grid #2)	quartz lens in chloritic metasediment or metavolcanic rock, minor pyrite
SP-46		
16237	1020 W, 790 N (Grid #2)	quartz carbonate stringer in sheared mafic volcanic; < 2% pyrite

16089	240 N, 0+25 W (North grid)	chips from small o/c of conglomerate with scarce sulphides
16090	220 N, L-85 E (North grid)	chips from small o/c of conglomerate with abundant pyrite (5%) in matrix and in cobbles
16091	200 N, L-125 E (North grid)	conglomerate with pyrite and blue quartz eyes in cobbles and pyrite in matrix, 2-3% pyrite
16092	200 N, L-125 E (North grid)	same as 16091 except from a boulder 2-3% pyrite
16093	1590 S, L-600 W	chlorite-carbonate schist
16094	1565 S, L-700 W (Grid #2)	sheared mafic volcanic, amphibolitized, quartz stringers, pyrite (< 3%) and carbonate
16095	815 S, L-600 W	sheared greywacke, slightly silicified, minor pyrite
16096	220 S, L-600 W (Grid #2)	qtz stringers in sheared greywacke with pyrite and carbonate
16097	1545 S, L-500 W	amphibolitized mafic volcanic with pyrite (< 2%) and quartz sweats
16098	1410 S, L-500 W	five grained felsic dyke, minor desseminated pyrite
16099	1590 S, L-500 W	amphibolitized-chloritic mafic volcanic with minor pyrite
RR#6 16226	400 N, L-500 E (Grid #2)	vertical quartz vein up to 0.2m wide containing 2-3% scattered pyrite in wall margins

16031	340 S, L-300 W	12cm wide quartz vein parallel to schistosity, minor pyrite
16032	635 S, L-300 W	siliceous zone with narrow smokey qtz stringer and minor pyrite, near contact with felsic dyke in metasediment
16033	645 N, L-300 W	sheared mafic volcanic with chlorite, carbonate and minor pyrite
16034	125 N, L-300 W	sheared and chloritized greywacke
16035	570 N, L-400 W	mafic volcanic unit with qtz stringers, carbonate and minor pyrite
16036	1900 S, L-500 W	narrow intermediate tuff with carbonate, and qtz stringers, minor pyrite
16082	500 N, L-12 W (Grid #2)	felsic to int. dyke, strange looking rock, minor pyrite
16083	875 N, L-27 W	brotite schist, minor pyrite
16084	1735 S, L-16 W (Grid # 2)	quartz vein, 0.3m wide in sheared metasediment, scarce pyrite, hematite streaks
16085	1570 S, L-17 W (Grid #2)	narrow (0.1m) qtz stringers in felsic dyke, stained but no visible sulphide
16086	1430 S, L-1760 W (Grid #2)	2% sulphide in quartz stringers associated with a narrow felsic dyke
16087	365 N, L-1140 E (Grid #2)	scarce sulphide in altered sediments adjacent to felsic dykes
16088	Baseline, 1815 E (North grid)	conglomerate with blue quartz eyes and pyrite in cobbles, and pyrite in matrix (< 2% overall)

MAR - PUK

SAMPLE#	GRID LOCATION	DESCRIPTION
16019	045 N, L-300 W	smokey quartz vein cutting metasediments, sulphide staining
16020	L00, 755 W	sheared conglomerate with blue quartz eyes and pyrite (< 2%) in matrix
16021	260 N, L-700 W	greywacke with minor pyrite
16022	L00, 845 W	sheared conglomerate with minor pyrite in matrix (<2%)
16023	675 N, L-700 W	sheared, pillowed mafic volcanics with quartz stringers and minor pyrite
16024	640 N, L-700 W	sheared intermediate volcanic with minor pyrite
16025	425 S, L-600 W	sheared greywacke including smokey quartz stringer and minor pyrite
16026	1115 S, L-600 W	quartz stringer in greywacke with pyrite (< 2%)
16027	795 S, L-700 W	greywacke with smokey quartz stringers and minor quartz
16028	730 S, L-400	Four (4) font wide felsic dyke containing < 2% pyrite/ arsenopyrite
16029	TL-25 S, 290 W	narrow quartz stringers in mafic volcanic with minor pyrite
16030	675 S, L-300 W	slightly silicified arkose/ wacke with minor pyrite

16307	L-0, 215 N	narrow silicified zone in greywacke with minor pyrite
16308	Baseline, 490 E	quartz stringers in sheared greywacke, minor pyrite
16310	L-0, 140 N	quartz vein from 6"-12" wide with minor pyrite
16312	L-1 W, 420 N	sheared, intermediate volcanic with minor pyrite
16313	L-2 E, 860 N	sheared intermediate volcanic with minor pyrite
16314	L-3 E, 1080 N	sheared mafic volcanic with carbonate with minor pyrite
16315	L-0, 445 S	smokey quartz vein (2"-8" wide) with minor pyrite
16316	L-0, 375 S	felsic dyke (15" wide) with minor pyrite
16318	L-2 E, 860 N	small stained quartz stringer (iron) in intermediate volcanic
16319	L-6 E, 920 N	sheared mafic volcanic with 2-3% pyrite
16320	River, 400 N (West Grid)	quartz stringers in altered metasediments, up to 5% arsenopyrite, abundant tourmaline patches
16321	L-8 E, 1085 N	silicified stringers in sheared mafic volcanics
16322	River, 0+50 S	pyrite and golena in quartz stringers from deformed metasediments below falls

APPENDIX II

ROCK ANALYSIS

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

STATEMENT

Harold M. Jones & Associates Inc,
605 - 602 W. Hastings St.
Vancouver, BC

Jan. 4 1988

Date	File #	Amount
July 15 1987	NO NUMBER Supplies.	$ 650.00
	87-2483	213.75
	87-2717	6963.50
	87-2800	4329.00
	87-3205	8978.50
	87-3013	371.25
	87-3603	3804.75
	87-3648	263.25
	87-3763	7390.75
	87-3763 A	224.25
	87-3845	5429.75
	87-3931	4162.25
	87-4144	5203.75
	87-4193	536.50
	87-4264	2405.00
	87-4553	1628.00
	87-4553 A	292.50
	87-4824	214.50
	87-5011	1933.25
	87-5069	217.50
	Total	$ 55212.00

PAID

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPT 15 1987

DATE REPORTS MAILED Sept 25/87

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.
Au* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HAROLD M. JONES FILE# 87-4193

SAMPLE	Au* ppb
16041	18
16042	1
16043	1
16044	1
16045	87
16046	2
16047	6
16048	2
16049	1
16050	104
16051	1
16052	2
16053	1
16054	3
16055	1
16056	1
16057	1
16058	1
16059	4
16060	2
16061	2
16062	1
16063	1
16064	14
16065	10
16066	1
16067	1
16068	1
16069	18460
16070	12080
16071	59
16072	50
16073	4
16074	1
16075	48
16076	4
16077	8

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 21 1987
DATE REPORT MAILED: Oct. 31/87

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: ...D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

HAROLD M. JONES File # 87-4193 R

SAMPLE#	AU** oz/t
16069	.478
16070	.344

Ministry of Northern Development and Mines
Ontario

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

W.R. # 2

W8705, 00212

Mini

42C04SE0041 2.10763 DAVID LAKES

900

Type of Survey(s): Geological & Geochemical

Township or Area: David Lakes Area

Claim Holder(s): RUTH DITTO

Prospector's Licence No.: A 46909

Address: 1030-609 Granville St, Box 10339 Pacific Center, Vancouver, BC. V7Y 1G5

Survey Company: Sears Barry & Associates

Date of Survey (from & to): 29 06 87 (Day Mo. Yr.) to 08 09 87 (Day Mo. Yr.)

Total Miles of line Cut: —

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa Ont. P0S 1K0 856-2019

Credit: Requested per Each Claim in Columns at right

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

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	34.8

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

RECEIVED
JAN 06 1988
MINING LANDS SECTION

RECEIVED
NOV 30 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Expend. Days Cr.
SSM	753852	
	753853	
	753854	
	753855	
	753856	
	753859	
	753860	
	753861	
	753862	
	753867	
	753868	
	753885	
	753886	
	753887	
	753888	
	753906	
	753907	
	753908	
	753909	
	753910	
	753911	
	753912	
	753913	

Mining Claim Prefix	Number	Expend. Days Cr.
SSM	753914	
	753915	
	753916	
	753917	
	753918	
	753933	
	753934	
	753935	
	753952	
	753953	
	753954	
	753955	
	753956	
	753957	
	753958	
	753959	
	753960	
	753961	
	753962	
	753963	
	753967	
	753968	
	779109	

Total number of mining claims covered by this report of work: 95 ✓*

* Cont. on next Page

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

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

For Office Use Only		
Total Days Cr. Recorded: 5,206	Date Recorded: Nov. 20/87	Mining Recorder (ACTING): C. A. Kenyon
	Date Approved as Recorded	Branch Director: See Several Work Statements

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

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.

WAWA

Name and Postal Address of Person Certifying: Seymour M. Sears Box 2058, Wawa Ontario P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

13-2 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
Geological & Geochemical	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
RUTH DITTO	A 46909

Address: 1030-609 Granville St., Box 10339 Pacific Center, Vancouver BC. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	29 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears Box 2058 Wawa Ontario P0S 1K0

Credits Requested per Each Claim in Columns at right

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

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	34.8

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	779115	
	779116	
	779117	
	779118	
	779119	
	779120	
	779121	✓
	779129	
	779130	
	779131	
	779132	
	779133	
	779134	
	779135	
	779136	
	779137	
	779138	
	779139	
	779140	✓
	779152	
	779153	
	779154	
	779155	✓

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	779156	
	779157	
	779266	
	779267	
	779268	✓
	801310	
	801311	
	801312	-
	801348	
	801349	
	801350	✓
	801355	
	801356	
	801357	✓
	824323	
	824324	
	824325	✓
	827255	
	827256	
	827257	
	827258	
	827259	
	827260	✓

Total number of mining claims covered by this report of work: 95 *

*Cont on next Page

Expenditures (excludes power stripping)

Type of Work Performed: RECEIVED NOV 20 1987 M.N.D.

Performed on Claim(s): NOV 20 1987 A.M. P.M.

Calculation of Expenditure Days Credits: Total Expenditures $ 1 ÷ 15 = Total Days Credits

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

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa, Ontario, P0S 1K0

Date Certified | Certified by (Signature)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s): Geological & Geochemical
Township or Area: David Lakes Area
Claim Holder(s): RUTH DITTO
Prospector's Licence No.: A 46909
Address: 1030-609 Granville St, Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5
Survey Company: Sears Barry & Associates
Date of Survey (from & to): 24 06 87 | 03 09 87 (Day Mo. Yr. | Day Mo. Yr.)
Total Miles of line Cut: —
Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario, P0S 1K0

Credits Requested per Each Claim in Columns at right

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)	- Radiometric	
	- Other	
	Geological	20
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	34.8

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Expend. Days Cr.
SSM	827267	
	827268	
	827269	–

Total number of mining claims covered by this report of work: 95

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

RECEIVED NOV 20 1987 A.M. 7,8,9,10,11,12,1,2,3,4,5,6 P.M.

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

For Office Use Only
Total Days Cr. Recorded | Date Recorded | Mining Recorder
Date Approved as Recorded | Branch Director

Date: Nov 19/87
Recorded Holder or Agent (Signature): Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa Ontario P0S 1K0
Date Certified: Nov 19/87
Certified by (Signature): Seymour Sears

Ministry of Northern Development and Mines
Ontario

Report of Work

W.R.# 213/87

(Geophysical, Geological, Geochemical and Expenditures)

Mining Act 2.10763

234 Claims listed on 6 Pages — Page 1 of 6

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

Type of Survey(s): ~~Geochemical & Geological~~ Assays	Township or Area: DAVID LAKES AREA
Claim Holder(s): RUTH DITTO	Prospector's Licence No.: A 46909
Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5	
Survey Company: Sears Barry & Associates	Date of Survey (from & to): 24 06 87 / 08 09 87 (Day Mo. Yr.) — Total Miles of line Cut: —
Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario	

Credits Requested per Each Claim in Columns at right

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:	- Radiometric	
Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED JAN 06 1988 MINING LANDS SECTION

RECEIVED NOV 20 1987 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Expenditures (excludes power stripping)

Type of Work Performed: ASSAYS (Geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$ 51,000.00	÷	15	=	3400

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
SSM	753852	6.5	SSM	753875	20
	753853	6.5		753876	20
	753854	6.5		753877	20
	753855	6.5		753878	20
	753856	6.5		753879	20
	753857	20		753880	20
	753858	20		753881	20
	753859	6.5		753882	20
	753860	6.5		753883	20
	753861	6.5		753884	20
	753862	6.5		753885	6.5
	753863	20		753886	6.5
	753864	20		753887	6.5
	753865	20		753888	6.5
	753866	20		753906	6.5
	753867	6.5		753907	6.5
	753868	6.5		753908	6.5
	753869	20		753909	6.5
	753870	20		753910	6.5
	753871	20		753911	6.5
	753872	20		753912	6.5
	753873	20		753913	6.5
	753874	20		753914	6.5

Total number of mining claims covered by this report of work: 234

* Cont. on next Pa[ge]

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder (Acting)
3,400	Nov. 20/87	C. O. Kurylo
	Date Approved as Recorded	Branch Director
		See saving work statement

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa, Ontario P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
Geological, Geochemical & Assays	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
RUTH DITTO	A 46909

Address: 1030-609 Granville St., Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day / Mo. / Yr.) 08 09 87 (Day / Mo. / Yr.)	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears

Credits Requested per Each Claim in Columns at right

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

RECEIVED
NOV 20 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			Total Days Credits
$ 51,000.00	÷ 15	=	3400

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

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753915	6.5
	753916	6.5
	753917	6.5
	753918	6.5
	753919	20
	753920	20
	753921	20
	753922	20
	753923	20
	753924	20
	753925	20
	753926	20
	753927	20
	753928	20
	753929	20
	753930	20
	753931	20
	753932	20
	753933	6.5
	753934	6.5
	753935	6.5
	753952	6.5
	753953	6.5

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753954	6.5
	753955	6.5
	753956	6.5
	753957	6.5
	753958	6.5
	753959	6.5
	753960	6.5
	753961	6.5
	753962	6.5
	753963	6.5
	753964	20
	753965	20
	753966	20
	753967	6.5
	753968	6.5
	753969	20
	753972	20
	779109	6.5
	779110	20
	779111	20
	779112	20
	779113	20
	779114	20

Total number of mining claims covered by this report of work: 234 *

* Cont. on next Page

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears Box 2058, Wawa Ont. P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85 :2)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s): Geology, Geochemistry & Assays
Township or Area: David Lakes Area
Claim Holder(s): RUTH DITTO
Prospector's Licence No.: A 46909
Address: 1030-609 Granville St, P.O. Box 10339 Pacific Center, Vancouver BC, V7Y 1G5
Survey Company: Sears Barry & Associates
Date of Survey (from & to): 24 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)
Total Miles of line Cut: –
Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa Ont. P0S 1K0.

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions: For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	800
	Geochemical	
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits: Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

RECEIVED NOV 20 1987 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	779115	6.5
	779116	6.5
	779117	6.5
	779118	6.5
	779119	6.5
	779120	6.5
	779121	6.5
	779122	20
	779123	20
	779124	20
	779125	20
	779126	20
	779127	20
	779128	20
	779129	6.5
	779130	6.5
	779131	6.5
	779132	6.5
	779133	6.5
	779134	6.5
	779135	6.5
	779136	6.5
	779137	6.5

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	779138	6.5
	779139	6.5
	779140	6.5
	779141	20
	779142	20
	779143	20
	779144	20
	779145	20
	779146	20
	779147	20
	779148	20
	779149	20
	779150	20
	779151	20
	779152	6.5
	779153	6.5
	779154	6.5
	779155	6.5
	779156	6.5
	779157	6.5
	779266	6.5
	779267	6.5
	779268	6.5

Total number of mining claims covered by this report of work: 234 *

* Cont. on Next Page

Expenditures (excludes power stripping)

Type of Work Performed: Assays (geochem)
Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits
Total Expenditures: $ 51,000.00 ÷ 15 = Total Days Credits: 3400

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

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: Nov 19/87
Recorded Holder or Agent (Signature): Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058 Wawa Ontario P0S 1K0.

Date Certified: Nov 19/87
Certified by (Signature): Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
Geology, Geochemistry and Assays	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
Ruth Ditto	A. 46909

Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day Mo. Yr.) – 08 09 87 (Day Mo. Yr.)	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, P.O. Box 2058, Wawa, Ontario, P0S 1K0.

Credits Requested per Each Claim in Columns at right

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

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

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

RECEIVED NOV 20 1987 Mining Lands Section

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	800922	20
	800923	20
	800924	20
	801306	20
	801307	20
	801308	20
	801309	20
	801310	6.5
	801311	6.5
	801312	6.5
	801313	20
	801314	20
	801315	20
	801316	20
	801317	20
	801318	20
	801319	20
	801320	20
	801321	20
	801322	20
	801323	20
	801324	20
	[illegible]	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	801325	20
	801326	20
	801327	20
	801328	20
	801336	20
	801337	20
	801338	20
	801339	20
	801340	20
	801341	20
	801342	20
	801343	20
	801344	20
	801345	20
	801346	20
	801347	20
	801348	6.5
	801349	6.5
	801350	6.5
	801351	20
	801352	20
	801353	20
	801354	20

Total number of mining claims covered by this report of work: 234 *

* Cont. on next Page

Expenditures (excludes power stripping)

Type of Work Performed: Assays (geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa, Ontario P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
~~Geological, Geochemical~~ SMB Assays	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
Ruth Ditto	A-46909

Address: 1030-609 Granville St, Box 10339 Pacific Center, Vancouver BC., V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario, P0S 1K0

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	· Radiometric	
	· Other	
	Geological SMB 0.00	
	Geochemical	

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

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

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Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	B01355	6.5
	B01356	6.5
	B01357	6.5
	B22055	20
	B22056	20
	B22097	20
	B22098	20
	B22099	20
	B22100	20
	B22101	20
	B22102	20
	B22103	20
	B22104	20
	B22145	20
	B22146	20
	B22147	20
	B22148	20
	B22149	20
	B22150	20
	B22151	20
	B22152	20
	B22153	20
	B22154	20

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	B22155	20
	B22156	20
	B22157	20
	B22158	20
	B22159	20
	B22160	20
	B22161	20
	B22162	20
	B22163	20
	B22164	20
	B24323	6.5
	B24324	6.5
	B24325	6.5
	B27255	6.5
	B27256	6.5
	B27257	6.5
	B27258	6.5
	B27259	6.5
	B27260	6.5
	B27261	20
	B27262	20
	B27263	20
	[illegible]	0

Total number of mining claims covered by this report of work: 234 *

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

* Cont. Next Page

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058 Wawa, Ontario, P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

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Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
SSM Geology, Geochemistry, Assays	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
Ruth Ditto	A-46909

Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver BC. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 Day / 06 Mo. / 87 Yr. — 08 Day / 09 Mo. / 87 Yr.	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, P.O. Box 2058, Wawa, Ont. P0S 1K0

Credits Requested per Each Claim in Columns at right

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

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

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

RECEIVED
NOV 20 1987
A.M. P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	827264	20
	827265	20
	827266	20
	827267	6.5
	827268	6.5
	827269	9.0

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Total number of mining claims covered by this report of work: 234

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)

Performed on Claim(s): 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

Date	Recorded Holder or Agent (Signature)
Nov-19/87	Seymour Sears

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

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Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa, Ontario P0S 1K0

Date Certified	Certified by (Signature)
Nov-19/87	Seymour Sears

1362 (85/12)

Ontario

Ministry of Northern Development and Mines

Geophysical-Geological-Geochemical Technical Data Statement

File _____

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

Type of Survey(s) Geological, Geochemical & Assays

Township or Area David Lake Area

Claim Holder(s) Ms. Ruth Ditto

Survey Company Sears, Barry & Associates

Author of Report Seymour M. Sears

Address of Author 22 Caverhill Street, Wawa, Ont.

Covering Dates of Survey June 24, 1987 - Sept 08, 1987
(linecutting to office)

Total Miles of Line Cut _____

SPECIAL PROVISIONS CREDITS REQUESTED

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

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	20
Geochemical	39.8

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

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

DATE: Jan 18/88 SIGNATURE: Seymour Sears
Author of Report or Agent

Res. Geol. _____ Qualifications 2.5914

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

SSM 753852 et al
(prefix) (number)

* SEE ATTACHED SHEET

TOTAL CLAIMS _____

If space insufficient, attach list

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

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

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

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION / RESISTIVITY

Instrument _____

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

***Note : Geological and Geochemical Sampling Completed Upon These Claims

Ms. Ruth Ditto - CLAIMS - David Lakes Area

SSM 753852 et al

SSM 753852	SSM 753921	SSM 779127	SSM 801321	SSM 822157
SSM 753853	SSM 753922	SSM 779128	SSM 801322	SSM 822158
SSM 753854	SSM 753923	SSM 779129	SSM 801323	SSM 822159
SSM 753855	SSM 753924	SSM 779130	SSM 801324	SSM 822160
SSM 753856	SSM 753925	SSM 779131	SSM 801325	SSM 822161
SSM 753857	SSM 753926	SSM 779132	SSM 801326	SSM 822162
SSM 753858	SSM 753927	SSM 779133	SSM 801327	SSM 822163
SSM 753859	SSM 753928	SSM 779134	SSM 801328	SSM 822164
SSM 753860	SSM 753929	SSM 779135	SSM 801336	SSM 824323
SSM 753861	SSM 753930	SSM 779136	SSM 801337	SSM 824324
SSM 753862	SSM 753931	SSM 779137	SSM 801338	SSM 824325
SSM 753863	SSM 753932	SSM 779138	SSM 801339	SSM 827255
SSM 753864	SSM 753933	SSM 779139	SSM 801340	SSM 827256
SSM 753865	SSM 753934	SSM 779140	SSM 801341	SSM 827257
SSM 753866	SSM 753935	SSM 779141	SSM 801342	SSM 827258
SSM 753867	SSM 753952	SSM 779142	SSM 801343	SSM 827259
SSM 753868	SSM 753953	SSM 779143	SSM 801344	SSM 827260
SSM 753869	SSM 753954	SSM 779144	SSM 801345	SSM 827261
SSM 753870	SSM 753955	SSM 779145	SSM 801346	SSM 827262
SSM 753871	SSM 753956	SSM 779146	SSM 801347	SSM 827263
SSM 753872	SSM 753957	SSM 779147	SSM 801348	SSM 827264
SSM 753873	SSM 753958	SSM 779148	SSM 801349	SSM 827265
SSM 753874	SSM 753959	SSM 779149	SSM 801350	SSM 827266
SSM 753875	SSM 753960	SSM 779150	SSM 801351	SSM 827267
SSM 753876	SSM 753961	SSM 779151	SSM 801352	SSM 827268
SSM 753877	SSM 753962	SSM 779152	SSM 801353	SSM 827269
SSM 753878	SSM 753963	SSM 779153	SSM 801354	
SSM 753879	SSM 753964	SSM 779154	SSM 801355	
SSM 753880	SSM 753965	SSM 779155	SSM 801356	
SSM 753881	SSM 753966	SSM 779156	SSM 801357	
SSM 753882	SSM 753967	SSM 779157	SSM 822055	
SSM 753883	SSM 753968	SSM 779266	SSM 822056	
SSM 753884	SSM 753969	SSM 779267	SSM 822097	
SSM 753885	SSM 753972	SSM 779268	SSM 822098	
SSM 753886	SSM 779109	SSM 800922	SSM 822099	
SSM 753887	SSM 779110	SSM 800923	SSM 822100	
SSM 753888	SSM 779111	SSM 800924	SSM 822101	
SSM 753906	SSM 779112	SSM 801306	SSM 822102	
SSM 753907	SSM 779113	SSM 801307	SSM 822103	
SSM 753908	SSM 779114	SSM 801308	SSM 822104	
SSM 753909	SSM 779115	SSM 801309	SSM 822145	
SSM 753910	SSM 779116	SSM 801310	SSM 822146	
SSM 753911	SSM 779117	SSM 801311	SSM 822147	
SSM 753912	SSM 779118	SSM 801312	SSM 822148	
SSM 753913	SSM 779119	SSM 801313	SSM 822149	
SSM 753914	SSM 779120	SSM 801314	SSM 822150	
SSM 753915	SSM 779121	SSM 801315	SSM 822151	
SSM 753916	SSM 779122	SSM 801316	SSM 822152	
SSM 753917	SSM 779123	SSM 801317	SSM 822153	
SSM 753918	SSM 779124	SSM 801318	SSM 822154	
SSM 753919	SSM 779125	SSM 801319	SSM 822155	
SSM 753920	SSM 779126	SSM 801320	SSM 822156	

Ms. Ruth Ditto - CLAIMS - David Lakes Area

SSM 753852 et al

SSM 753852	SSM 753921	SSM 779127	SSM 801321	SSM 822157
SSM 753853	SSM 753922	SSM 779128	SSM 801322	SSM 822158
SSM 753854	SSM 753923	SSM 779129	SSM 801323	SSM 822159
SSM 753855	SSM 753924	SSM 779130	SSM 801324	SSM 822160
SSM 753856	SSM 753925	SSM 779131	SSM 801325	SSM 822161
SSM 753857	SSM 753926	SSM 779132	SSM 801326	SSM 822162
SSM 753858	SSM 753927	SSM 779133	SSM 801327	SSM 822163
SSM 753859	SSM 753928	SSM 779134	SSM 801328	SSM 822164
SSM 753860	SSM 753929	SSM 779135	SSM 801336	SSM 824323
SSM 753861	SSM 753930	SSM 779136	SSM 801337	SSM 824324
SSM 753862	SSM 753931	SSM 779137	SSM 801338	SSM 824325
SSM 753863	SSM 753932	SSM 779138	SSM 801339	SSM 827255
SSM 753864	SSM 753933	SSM 779139	SSM 801340	SSM 827256
SSM 753865	SSM 753934	SSM 779140	SSM 801341	SSM 827257
SSM 753866	SSM 753935	SSM 779141	SSM 801342	SSM 827258
SSM 753867	SSM 753952	SSM 779142	SSM 801343	SSM 827259
SSM 753868	SSM 753953	SSM 779143	SSM 801344	SSM 827260
SSM 753869	SSM 753954	SSM 779144	SSM 801345	SSM 827261
SSM 753870	SSM 753955	SSM 779145	SSM 801346	SSM 827262
SSM 753871	SSM 753956	SSM 779146	SSM 801347	SSM 827263
SSM 753872	SSM 753957	SSM 779147	SSM 801348	SSM 827264
SSM 753873	SSM 753958	SSM 779148	SSM 801349	SSM 827265
SSM 753874	SSM 753959	SSM 779149	SSM 801350	SSM 827266
SSM 753875	SSM 753960	SSM 779150	SSM 801351	SSM 827267
SSM 753876	SSM 753961	SSM 779151	SSM 801352	SSM 827268
SSM 753877	SSM 753962	SSM 779152	SSM 801353	SSM 827269
SSM 753878	SSM 753963	SSM 779153	SSM 801354	
SSM 753879	SSM 753964	SSM 779154	SSM 801355	
SSM 753880	SSM 753965	SSM 779155	SSM 801356	
SSM 753881	SSM 753966	SSM 779156	SSM 801357	
SSM 753882	SSM 753967	SSM 779157	SSM 822055	
SSM 753883	SSM 753968	SSM 779266	SSM 822056	
SSM 753884	SSM 753969	SSM 779267	SSM 822097	
SSM 753885	SSM 753972	SSM 779268	SSM 822098	
SSM 753886	SSM 779109	SSM 800922	SSM 822099	
SSM 753887	SSM 779110	SSM 800923	SSM 822100	
SSM 753888	SSM 779111	SSM 800924	SSM 822101	
SSM 753906	SSM 779112	SSM 801306	SSM 822102	
SSM 753907	SSM 779113	SSM 801307	SSM 822103	
SSM 753908	SSM 779114	SSM 801308	SSM 822104	
SSM 753909	SSM 779115	SSM 801309	SSM 822145	
SSM 753910	SSM 779116	SSM 801310	SSM 822146	
SSM 753911	SSM 779117	SSM 801311	SSM 822147	
SSM 753912	SSM 779118	SSM 801312	SSM 822148	
SSM 753913	SSM 779119	SSM 801313	SSM 822149	
SSM 753914	SSM 779120	SSM 801314	SSM 822150	
SSM 753915	SSM 779121	SSM 801315	SSM 822151	
SSM 753916	SSM 779122	SSM 801316	SSM 822152	
SSM 753917	SSM 779123	SSM 801317	SSM 822153	
SSM 753918	SSM 779124	SSM 801318	SSM 822154	
SSM 753919	SSM 779125	SSM 801319	SSM 822155	
SSM 753920	SSM 779126	SSM 801320	SSM 822156	

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 753852 et al (See attached sheet)

Total Number of Samples 5220

Type of Sample Soil
(Nature of Material)

Average Sample Weight 1 lb

Method of Collection Grub Hoe

Soil Horizon Sampled B - Horizon

Horizon Development Well Developed

Sample Depth 3 - 15"

Terrain Variable

Drainage Development Well to Poor

Estimated Range of Overburden Thickness
Variable 0 - 50 ft

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

Mesh size of fraction used for analysis
-80 mesh

General Dryed & crushed to -80 mesh at lab

ANALYTICAL METHODS

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

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

Others

Field Analysis (_____ tests)
Extraction Method
Analytical Method
Reagents Used

~~Field Laboratory Analysis~~
No. (5220 tests)
Extraction Method See Report Text
Analytical Method "
Reagents Used "

Commercial Laboratory (5220 tests)
Name of Laboratory Acme
Extraction Method See Report Text
Analytical Method "
Reagents Used "

General

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2,10763

Date: February 3, 1988

Mining Recorder's Report of Work No.: 212/87

Recorded Holder: Ruth Ditto

~~Township~~ Area: David Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM - 753852 to 56 inclusive 753859 to 62 inclusive 753867-68 753885 to 88 inclusive 753906 to 18 inclusive 753933 to 35 inclusive 753952 to 63 inclusive 753967-68 779109 779115 to 21 inclusive 779129 to 40 inclusive 779152 to 57 inclusive 779266 to 68 inclusive 801310 to 12 inclusive 801348 to 50 inclusive 801355 to 57 inclusive 824323 to 25 inclusive 827255 to 60 inclusive 827267 to 69 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 34.8 days	
Man days [X] Airborne [ ]	
Special provision [ ] Ground [X]	
[ ] Credits have been reduced because of partial coverage of claims.	
[ ] 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; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.10763

Date: February 3, 1988

Mining Recorder's Report of Work No.: 212/87

Recorded Holder: Ruth Ditto

~~Township~~ or Area: David Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM - 753852-53 753855-56 753859 to 62 inclusive 753867-68 753885 to 88 inclusive 753906 to 18 inclusive 753933 to 35 inclusive 753952 to 63 inclusive 753967-68 779109 779115 779117 to 21 inclusive 779129 to 39 inclusive 779152 to 57 inclusive 779266 to 68 inclusive 801310 to 12 inclusive 801348 to 50 inclusive 801355 to 57 inclusive 824323 to 25 inclusive 827255 to 60 inclusive 827267 to 69 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 20 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ 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

10 days Geological

SSM - 779116
779140

5 Days Geological

SSM - 753854

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; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.10763

Date: February 3, 1988

Mining Recorder's Report of Work No.: 213/87

Recorded Holder: Ruth Ditto

Township or Area: ~~XXXXXX~~ David Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	$51,000.00 SPENT ON SAMPLE ASSAYS TAKEN FROM MINING CLAIMS:
Electromagnetic _____ days	SSM - 753852 to 56 inclusive
Magnetometer _____ days	753859 to 62 inclusive
Radiometric _____ days	753867-68
Induced polarization _____ days	753885 to 88 inclusive
Other _____ days	753906 to 18 inclusive
Section 77 (19) See "Mining Claims Assessed" column	753933 to 35 inclusive
Geological _____ days	753952 to 63 inclusive
Geochemical _____ days	753967-68
Man days ☐ Airborne ☐	779109
Special provision ☐ Ground ☐	779115 to 21 inclusive
☐ Credits have been reduced because of partial coverage of claims.	779129 to 40 inclusive
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	779152 to 57 inclusive
	779266 to 68 inclusive
	801310 to 12 inclusive
	801348 to 50 inclusive
	801355 to 57 inclusive
	824323 to 25 inclusive
	827255 to 60 inclusive
	827267 to 69 inclusive
	3,400 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.

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; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

626 (85/12)

Ontario

Ministry of
Northern Development
and Mines

February 18, 1988

Your File: 212/87 & 213/87
Our file: 2.10763

Mining Recorder
Ministry of Northern Development and Mines
875 Queen Street East
Box 669
Sault Ste. Marie, Ontario
P6A 2B3

Dear Madam:

RE: Notice of Intent dated February 3, 1988
Geological, Geochemical Survey and Data for Assaying
submitted on Mining Claims SSM 753852 et al
in the Area of David Lake

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,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

DK:pl
Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Wawa, Ontario

Ms Ruth Ditto
609 Granville Street
Suite 1030
Box 10339 Pacific Center
Vancouver, B.C.
V7Y 1G5

Ministry of Northern Development and Mines

Ontario

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

W.R.# 213/87

234 Claims Listed on 6 pages

Page 1 of 6

Instructions: Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.

Note:
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Mining Act

Type of Survey(s)	Township or Area
Geochemical & Geological Assays	DAVID LAKES AREA

Claim Holder(s)	Prospector's Licence No.
RUTH DITTO	A 46909

Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day / Mo. / Yr.) — 08 09 87 (Day / Mo. / Yr.)	—

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario

Credits Requested per Each Claim in Columns at right

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

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MINING LANDS SECTION

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NOV 20 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753852	6.5
	753853	6.5
	753854	6.5
	753855	6.5
	753856	6.5
	753857	20
	753858	20
	753859	6.5
	753860	6.5
	753861	6.5
	753862	6.5
	753863	20
	753864	20
	753865	20
	753866	20
	753867	6.5
	753868	6.5
	753869	20
	753870	20
	753871	20
	753872	20
	753873	20
	753874	20
SSM	753875	20
	753876	20
	753877	20
	753878	20
	753879	20
	753880	20
	753881	20
	753882	20
	753883	20
	753884	20
	753885	6.5
	753886	6.5
	753887	6.5
	753888	6.5
	753906	6.5
	753907	6.5
	753908	6.5
	753909	6.5
	753910	6.5
	753911	6.5
	753912	6.5
	753913	6.5
	753914	6.5

Total number of mining claims covered by this report of work: 234 *

* Cont. on next Page

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder (ACTING)
3,400	Nov. 20/87	C. A. Kurzyk
	Date Approved as Recorded	Branch Director

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying		
Seymour M. Sears, Box 2058, Wawa, Ontario P0S 1K0		
	Date Certified	Certified by (Signature)
	Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines

Ontario

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

W.R.# 213/87

Mining Act

234 Claims listed on 6 pages

Page 1 of 6

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

Type of Survey(s)	Township or Area
Geochemical & Geological Assays	DAVID LAKES AREA

Claim Holder(s)	Prospector's Licence No.
RUTH DITTO	A 46909

Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)	–

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario

Credits Requested per Each Claim in Columns at right

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

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MINING LANDS SECTION

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

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

A.M. 7 8 9 10 11 12 P.M. 1 2 3 4 5 6

Expenditures (excludes power stripping)

Type of Work Performed	Performed on Claim(s)
Assays (Geochem)	SSM 753852 etal

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753852	6.5
	753853	6.5
	753854	6.5
	753855	6.5
	753856	6.5
	753857	20
	753858	20
	753859	6.5
	753860	6.5
	753861	6.5
	753862	6.5
	753863	20
	753864	20
	753865	20
	753866	20
	753867	6.5
	753868	6.5
	753869	20
	753870	20
	753871	20
	753872	20
	753873	20
	753874	20

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753875	20
	753876	20
	753877	20
	753878	20
	753879	20
	753880	20
	753881	20
	753882	20
	753883	20
	753884	20
	753885	6.5
	753886	6.5
	753887	6.5
	753888	6.5
	753906	6.5
	753907	6.5
	753908	6.5
	753909	6.5
	753910	6.5
	753911	6.5
	753912	6.5
	753913	6.5
	753914	6.5

Total number of mining claims covered by this report of work: 234 *

* Cont. on next Pag

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder (ACTING)
3,400	Nov. 20/87	C. O. Knight
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058, Wawa, Ontario P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s): Geological, Geochemical & Assays
Township or Area: David Lakes Area
Claim Holder(s): RUTH DITTO
Prospector's Licence No.: A 46909
Address: 1030-609 Granville St., Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5
Survey Company: Sears Barry & Associates
Date of Survey (from & to): 24 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)
Total Miles of line Cut: —
Name and Address of Author (of Geo-Technical report): Seymour M. Sears

Credits Requested per Each Claim in Columns at right

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

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A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753915	6.5
	753916	6.5
	753917	6.5
	753918	6.5
	753919	20
	753920	20
	753921	20
	753922	20
	753923	20
	753924	20
	753925	20
	753926	20
	753927	20
	753928	20
	753929	20
	753930	20
	753931	20
	753932	20
	753933	6.5
	753934	6.5
	753935	6.5
	753952	6.5
	753953	6.5

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	753954	6.5
	753955	6.5
	753956	6.5
	753957	6.5
	753958	6.5
	753959	6.5
	753960	6.5
	753961	6.5
	753962	6.5
	753963	6.5
	753964	20
	753965	20
	753966	20
	753967	6.5
	753968	6.5
	753969	20
	753972	20
	779109	6.5
	779110	20
	779111	20
	779112	20
	779113	20
	779114	20

Total number of mining claims covered by this report of work: 234 *

* Cont. on next Page

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)
Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears Box 2058, Wawa Ont. P0S 1K0

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s)	Township or Area
Geology, Geochemistry & Assays	David Lakes Area

Claim Holder(s)	Prospector's Licence No.
RUTH DITTO	A 46909

Address: 1030-609 Granville St, P.O. Box 10339 Pacific Center, Vancouver BC, V7Y 1G5

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Sears Barry & Associates	24 06 87 (Day Mo. Yr.) 08 09 87 (Day Mo. Yr.)	–

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa Ont, P0S 1K0.

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	· Radiometric	
	· Other	
	Geological	800
	Geochemical	

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

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

RECEIVED NOV 20 1987 A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	779115	6.5
	779116	6.5
	779117	6.5
	779118	6.5
	779119	6.5
	779120	6.5
	779121	6.5
	779122	20
	779123	20
	779124	20
	779125	20
	779126	20
	779127	20
	779128	20
	779129	6.5
	779130	6.5
	779131	6.5
	779132	6.5
	779133	6.5
	779134	6.5
	779135	6.5
	779136	6.5
	779137	6.5
	779138	6.5
	779139	6.5
	779140	6.5
	779141	20
	779142	20
	779143	20
	779144	20
	779145	20
	779146	20
	779147	20
	779148	20
	779149	20
	779150	20
	779151	20
	779152	6.5
	779153	6.5
	779154	6.5
	779155	6.5
	779156	6.5
	779157	6.5
	779266	6.5
	779267	6.5
	779268	6.5

Total number of mining claims covered by this report of work: 234 *

* Cont. on Next Page

Expenditures (excludes power stripping)

Type of Work Performed: Assays (geochem)

Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			Total Days Credits
$ 51,000.00	÷ 15	=	3400

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

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Nov 19/87	Seymour Sears

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: Seymour M. Sears, Box 2058 Wawa Ontario P0S 1K0.

Date Certified	Certified by (Signature)
Nov 19/87	Seymour Sears

1362 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s): ~~Geology, Geochemistry~~ Assays
Township or Area: David Lakes Area
Claim Holder(s): Ruth Ditto
Prospector's Licence No.: A.46909
Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver, B.C. V7Y 1G5
Survey Company: Sears Barry & Associates
Date of Survey (from & to): 24 Day | 06 Mo. | 87 Yr. | 08 Day | 09 Mo. | 87 Yr.
Total Miles of line Cut: —
Name and Address of Author (of Geo-Technical report): Seymour M. Sears, P.O. Box 2058, Wawa, Ontario, P0S 1K0.

Credits Requested per Each Claim in Columns at right

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

RECEIVED NOV 20 1987 M.N.D. P.M. 7 8 9 10 11 12 1 2 3 4 5 6

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	800922	20
	800923	20
	800924	20
	801306	20
	801307	20
	801308	20
	801309	20
	801310	6.5
	801311	6.5
	801312	6.5
	801313	20
	801314	20
	801315	20
	801316	20
	801317	20
	801318	20
	801319	20
	801320	20
	801321	20
	801322	20
	801323	20
	801324	20
	[redacted]	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	801325	20
	801326	20
	801327	20
	801328	20
	801336	20
	801337	20
	801338	20
	801339	20
	801340	20
	801341	20
	801342	20
	801343	20
	801344	20
	801345	20
	801346	20
	801347	20
	801348	6.5
	801349	6.5
	801350	6.5
	801351	20
	801352	20
	801353	20
	801354	20

Total number of mining claims covered by this report of work: 234 *

Expenditures (excludes power stripping)

Type of Work Performed: Assays (geochem)
Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits
Total Expenditures: $ 51,000.00 ÷ 15 = Total Days Credits: 3400

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

* ¥ Cont. on Next Page

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: Nov 19/87
Recorded Holder or Agent (Signature): Seymour Sears

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Date Certified: Nov 19/87
Certified by (Signature): Seymour Sears

1262 (85/12)

Ministry of Northern Development and Mines
Ontario

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

Mining Act

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

Type of Survey(s): ~~Geological, Geochemical~~ Assays
Township or Area: David Lakes Area

Claim Holder(s): Ruth Ditto
Prospector's Licence No.: A-46909

Address: 1030-609 Granville St, Box 10339 Pacific Center, Vancouver BC., V7Y 1G5

Survey Company: Sears Barry & Associates
Date of Survey (from & to): 24 Day | 06 Mo. | 87 Yr. | 08 Day | 09 Mo. | 87 Yr.
Total Miles of line Cut: —

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, Box 2058, Wawa, Ontario, P0S 1K0

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Radiometric	
	Geophysical - Other	
	Geological	~~SSM~~ 800
	Geochemical	
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
	Geophysical - Radiometric	
	Geophysical - Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED
NOV 20 1987
A.M. P.M.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	B01355	6.5
	B01356	6.5
	B01357	6.5
	B22055	20
	B22056	20
	B22097	20
	B22098	20
	B22099	20
	B22100	20
	B22101	20
	B22102	20
	B22103	20
	B22104	20
	B22145	20
	B22146	20
	B22147	20
	B22148	20
	B22149	20
	B22150	20
	B22151	20
	B22152	20
	B22153	20
	B22154	20

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SSM	B22155	20
	B22156	20
	B22157	20
	B22158	20
	B22159	20
	B22160	20
	B22161	20
	B22162	20
	B22163	20
	B22164	20
	B24323	6.5
	B24324	6.5
	B24325	6.5
	B27255	6.5
	B27256	6.5
	B27257	6.5
	B27258	6.5
	B27259	6.5
	B27260	6.5
	B27261	20
	B27262	20
	B27263	20
	[illegible]	0

Total number of mining claims covered by this report of work: 234 *

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)
Performed on Claim(s): SSM 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 51,000.00	÷	15	=	3400

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

* Cont. Next Page

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: Nov 19/87
Recorded Holder or Agent (Signature): Seymour Sears

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Date Certified: Nov 19/87
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1362 (85/12)

Ministry of Northern Development and Mines
Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

Instructions: – Please type or print.
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– Do not use shaded areas below.

Type of Survey(s): ~~Geology / Geochemistry~~ Assays (SMS)

Township or Area: David Lakes Area

Claim Holder(s): Ruth Ditto

Prospector's Licence No.: A-46909

Address: 1030-609 Granville St., P.O. Box 10339 Pacific Center, Vancouver BC. V7Y 1G5

Survey Company: Sears Barry & Associates

Date of Survey (from & to): 24 06 87 | 08 09 87 (Day Mo. Yr. | Day Mo. Yr.)

Total Miles of line Cut: —

Name and Address of Author (of Geo-Technical report): Seymour M. Sears, P.O. Box 2058, Wawa, Ont. P0S 1K0

Credits Requested per Each Claim in Columns at right

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

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

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

RECEIVED NOV 20 1987 A.M. P.M. 7,8,9,10,11,12,1,2,3,4,5,6

Expenditures (excludes power stripping)

Type of Work Performed: Assays (Geochem)

Performed on Claim(s): 753852 et al

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$ 51,000.00	÷	15	=	3400

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
SSM	827264	20
	827265	20
	827266	20
	827267	6.5
	827268	6.5
	827269	9.0

Total number of mining claims covered by this report of work: 234

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: Nov 19/87

Recorded Holder or Agent (Signature): Seymour Sears

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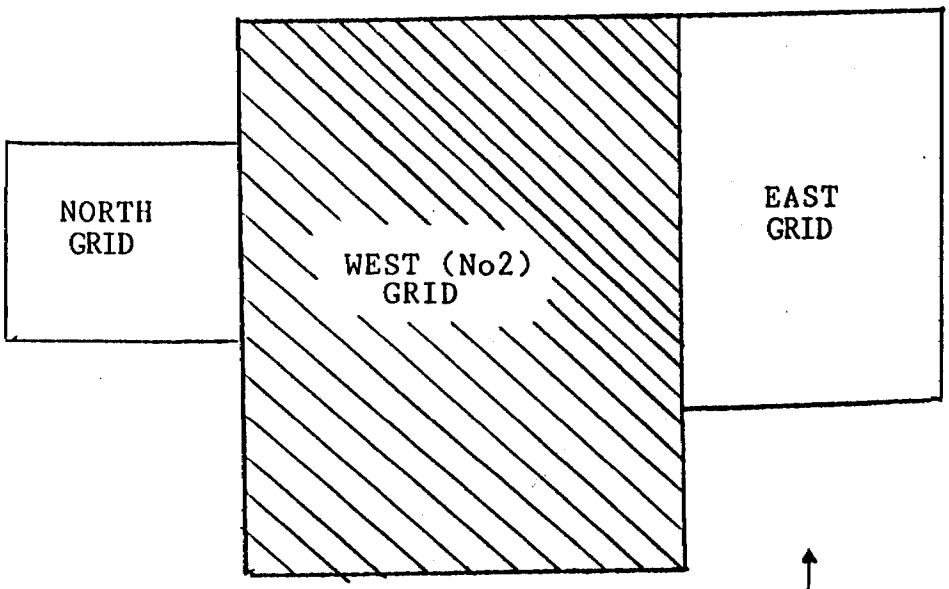
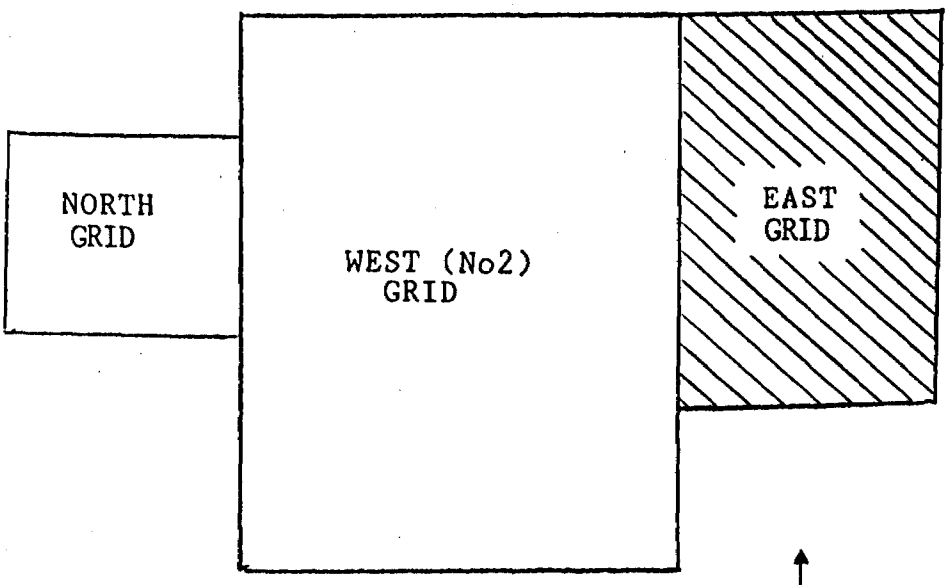
1362 (85/12)



KEY MAP



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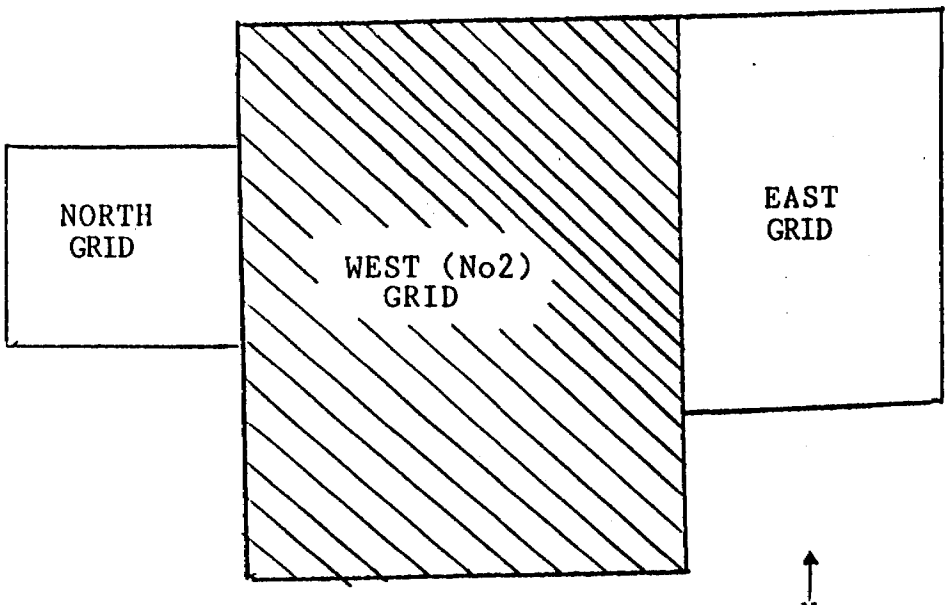

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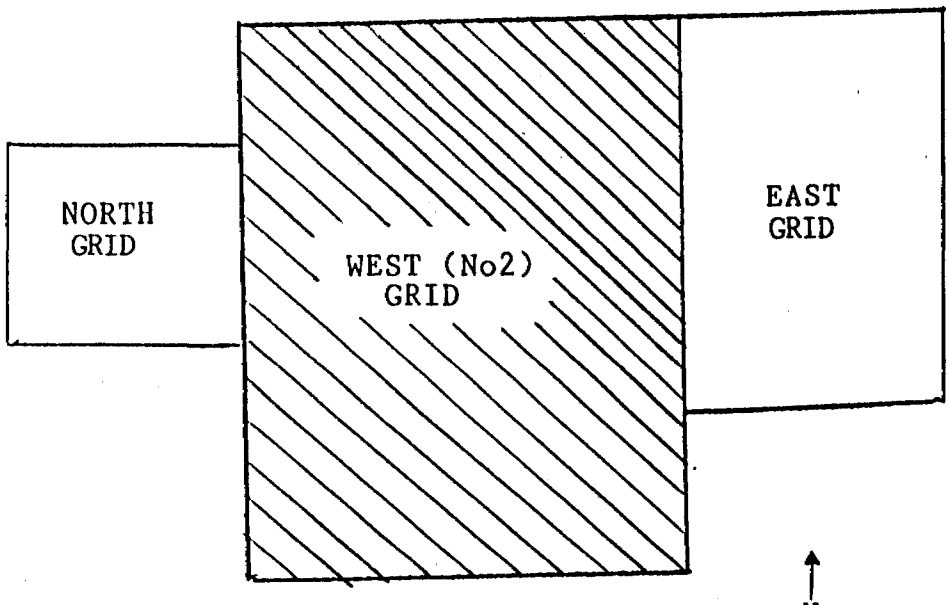

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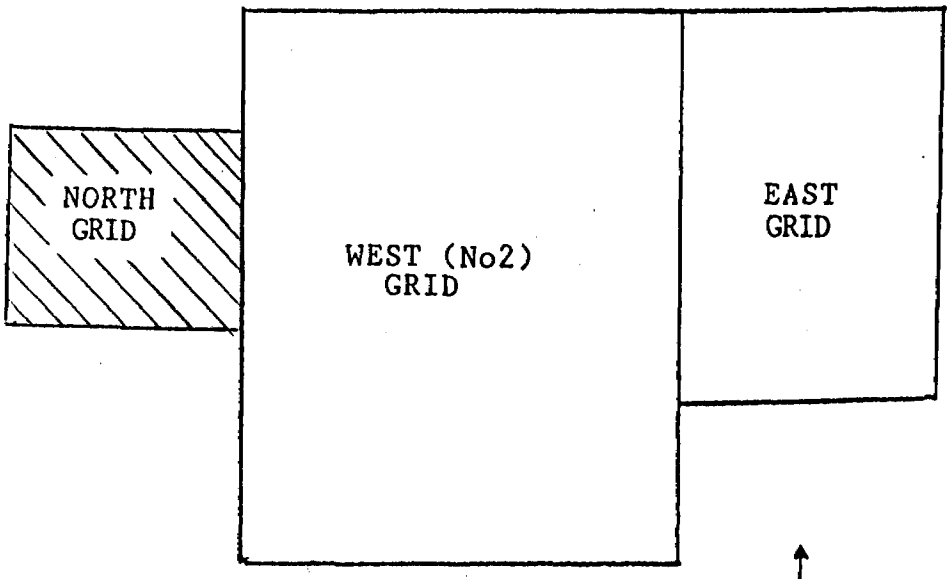

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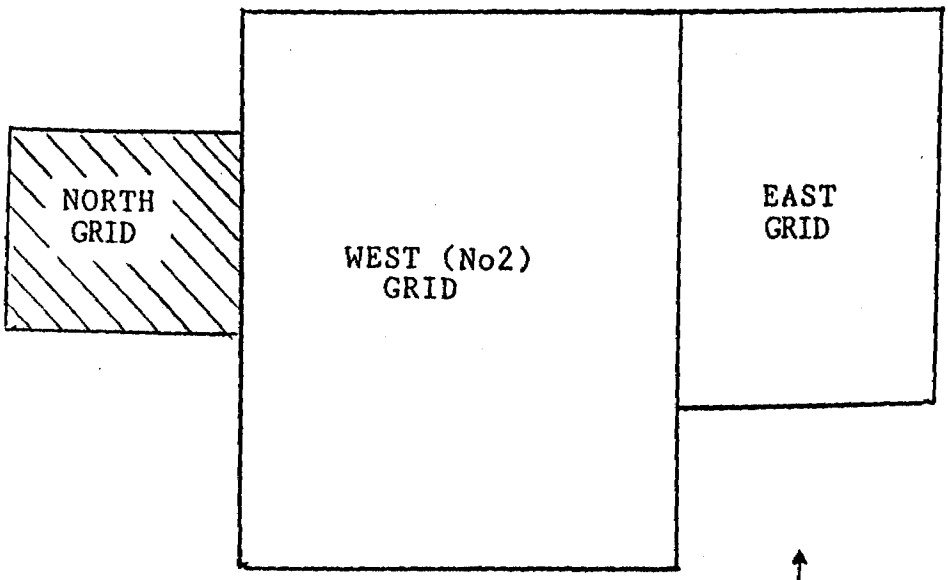

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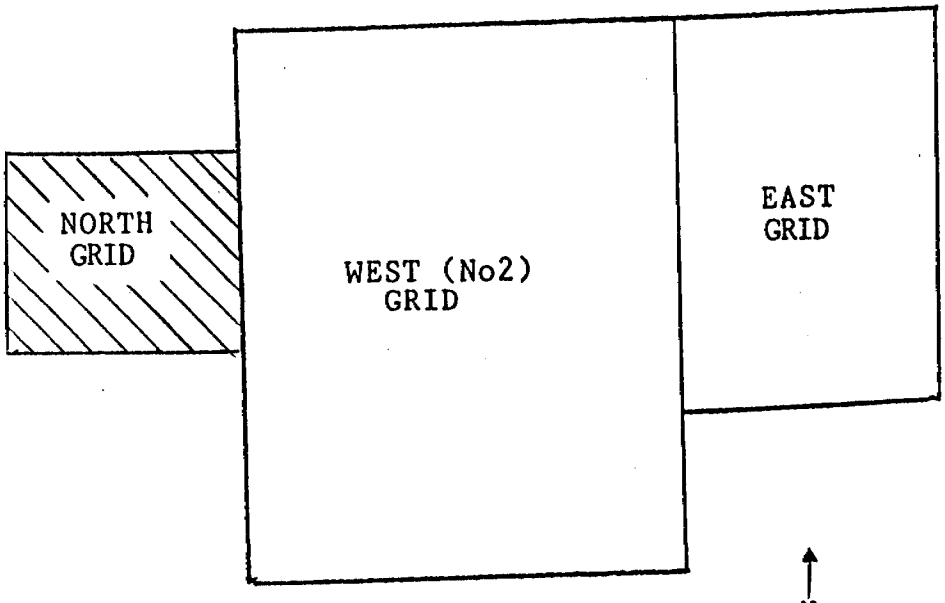

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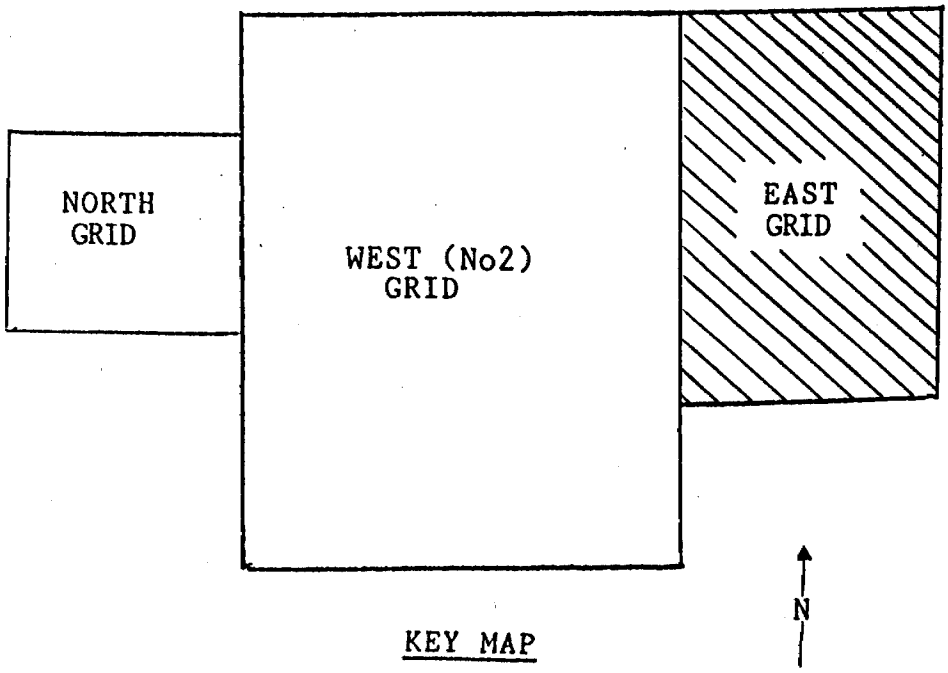

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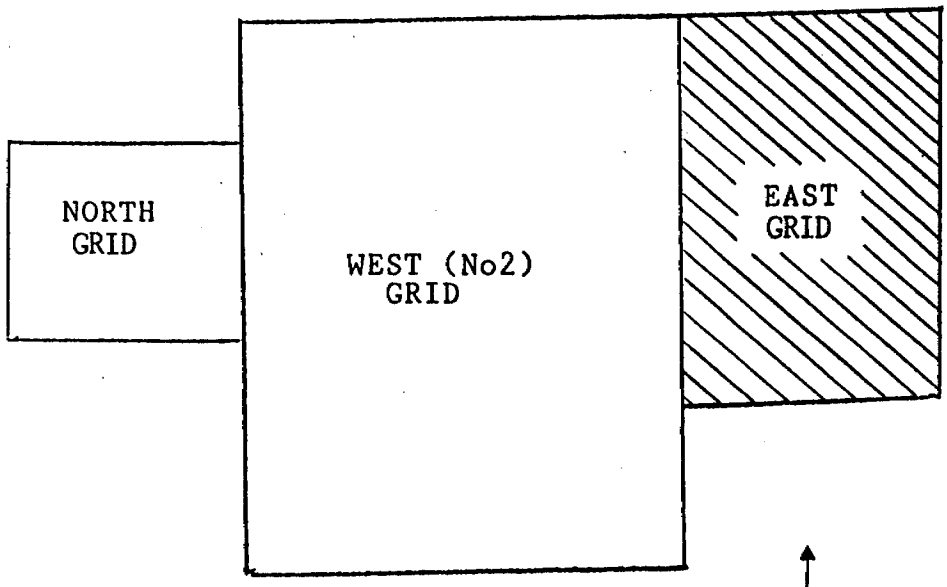


KEY MAP

AREA OF

DAVID LAKES

DISTRICT OF
THUNDER BAY

SAULT STE. MARIE
MINING DIVISION

SCALE : 1-INCH = 40 CHAINS

LEGEND

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

NOTES

400' Surface Rights Reservation around all lakes & rivers.

Mining claims Y502 to Y510 inclusive, and claims Y512, Y513 are laid down on this map to Local Topography and survey field notes.

CL 2526
SURFACE & MINING RIGHTS AT DAVID LAKES UNDER SECTION 56 OF MINING ACT
PUKASKWA NATIONAL PARK O.C. 170-78
EXCEPT

No Open Ground

no open ground

DATE OF ISSUE

SAULT STE MARIE
MINING RECORDER'S OFFICE

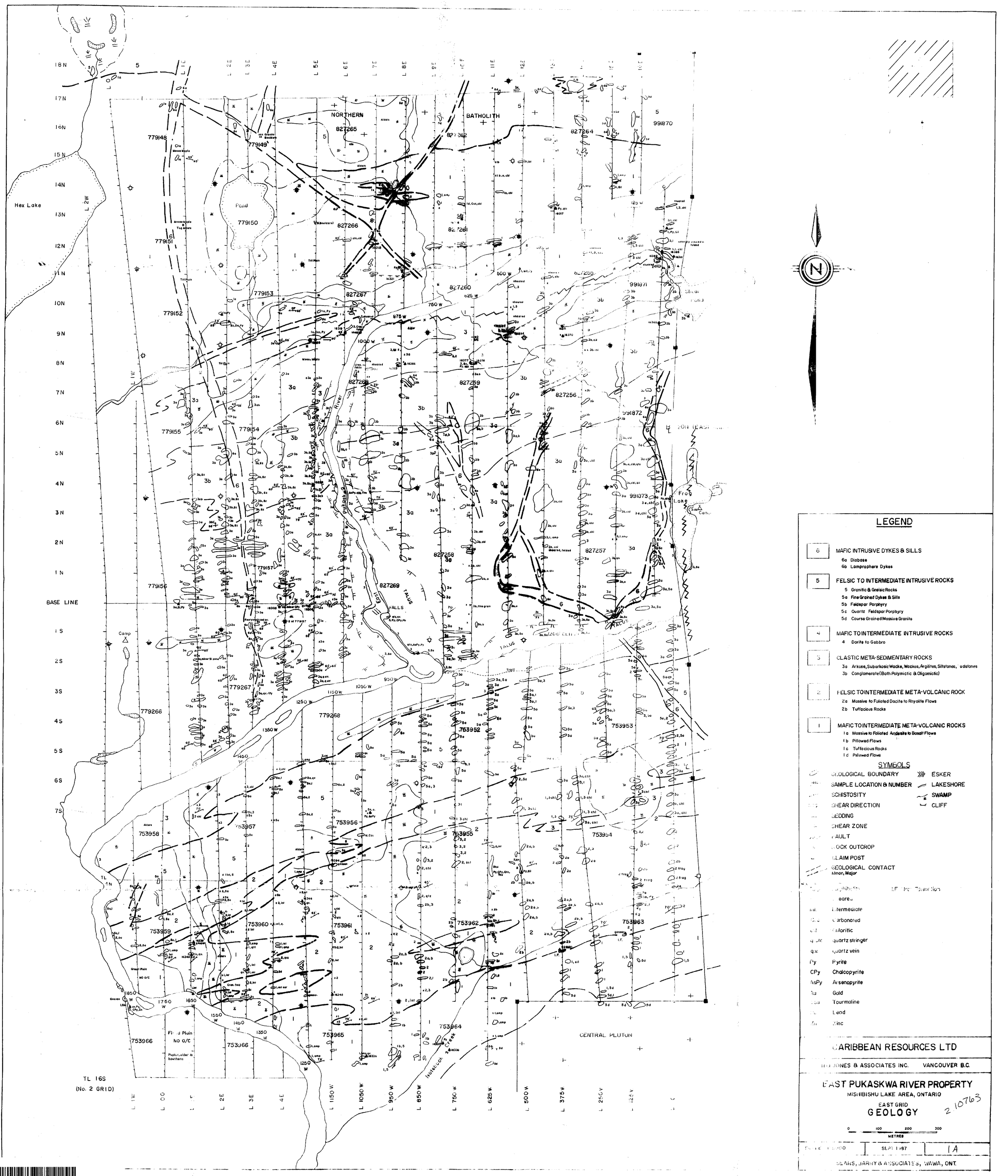
NATIONAL TOPOGRAPHIC SERIES 42 O 4

PLAN NO. -M-12.

MINISTRY OF NATURAL RESOURCES

42O4SE0041 2.10763 DAVID LAKES

200



LEGEND

- 6 MAFIC INTRUSIVE DYKES & SILLS
  - 6a Diabase
  - 6b Lamprophere Dykes
- 5 FELSIC TO INTERMEDIATE INTRUSIVE ROCKS
  - 5 Granitic & Gneisic Rocks
  - 5a Fine Grained Dykes & Sills
  - 5b Feldspar Porphyry
  - 5c Quartz Feldspar Porphyry
  - 5d Course Grained Massive Granite
- 4 MAFIC TO INTERMEDIATE INTRUSIVE ROCKS
  - 4 Dorite to Gabbro
- 3 CLASTIC META-SEDIMENTARY ROCKS
  - 3a Arkose, Subarkosic Wacke, Wackes, Argilites, Siltstones, udstones
  - 3b Conglomerate (Both Polymictic & Oligomictic)
- 2 FELSIC TO INTERMEDIATE META-VOLCANIC ROCK
  - 2a Massive to Foliated Dacite to Rhyolite Flows
  - 2b Tuffacious Rocks
- 1 MAFIC TO INTERMEDIATE META-VOLCANIC ROCKS
  - 1a Massive to Foliated Andesite to Basalt Flows
  - 1b Pillowed Flows
  - 1c Tuffacious Rocks
  - 1d Pillowed Flows

SYMBOLS

- GEOLOGICAL BOUNDARY
- SAMPLE LOCATION & NUMBER
- SCHISTOSITY
- SHEAR DIRECTION
- BEDDING
- SHEAR ZONE
- FAULT
- ROCK OUTCROP
- CLAIM POST
- GEOLOGICAL CONTACT Minor, Major
- ESKER
- LAKESHORE
- SWAMP
- CLIFF

sheared
Int. Intermediate
carb. Carbonated
chl. Chloritic
qtz. Quartz stringer
q.v. Quartz vein
Py Pyrite
CPy Chalcopyrite
AsPy Arsenopyrite
Au Gold
Tour. Tourmaline
Pb Lead
Zn Zinc

CARIBBEAN RESOURCES LTD

E.G. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

EAST GRID

GEOLOGY

2.10763

0 100 200 300 METRES

SCALE 1:2000 | SEPT 1987 | 1A

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

NORTHERN BATHOLITH

Floating Boy Pond

Aardvark Lake

Devil Lake

Bridge

Camp

Road

East Pukaskwa River

TL 12 N

TL 12 S

TL 4 N (East Grid)

TL 16 S

TL 25 S

L 20 E (North Grid)

BL 00 (No. 2 Grid)

BL 2 S

BL 3 S

KEY MAP

NORTH GRID

WEST (No.2) GRID

EAST GRID

N

LEGEND

6 MAFIC INTRUSIVE DYKES & SILLS
- 6a Diabase
- 6b Lamprophyre Dykes

5 FELSIC TO INTERMEDIATE INTRUSIVE ROCKS
- 5 Granitic & Gneissic Rocks
- 5a Fine Grained Dykes & Sills
- 5b Feldspar Porphyry
- 5c Quartz - Feldspar Porphyry
- 5d Course Grained Massive Granite

4 MAFIC TO INTERMEDIATE INTRUSIVE ROCKS
- 4 Dorite to Gabbro

3 CLASTIC META-SEDIMENTARY ROCKS
- 3a Arkose, Subarkosic Wacke, Wackes, Argilites, Siltstones, Mudstones
- 3b Conglomerate (Both Polymictic & Oligomictic)

2 FELSIC TO INTERMEDIATE META-VOLCANIC ROCKS
- 2a Massive to Foliated Dacite to Rhyolite Flows
- 2b Tuffaceous Rocks

1 MAFIC TO INTERMEDIATE META-VOLCANIC ROCKS
- 1a Massive to Foliated Andesite to Basalt Flows
- 1b Pillowed Flows
- 1c Tuffaceous Rocks
- 1d Pillowed Flows

SYMBOLS

- GEOLOGICAL BOUNDARY
- SAMPLE LOCATION & NUMBER
- FOLIATION
- SHEAR DIRECTION
- BEDDING DIRECTION
- SHEAR ZONE
- FAULT
- ROCK OUTCROP
- CLAIM POST
- GEOLOGICAL CONTACT Minor, Major
- ESKER
- LAKESHORE
- SWAMP
- CLIFF

Amp Amphibolite
Sz Sheared
Int. Intermediate
Ccc Carbonated
chl Chloritic
q.str quartz stringer
q.v quartz vein
Py Pyrite
CPy Chalcopyrite
AsPy Arsenopyrite
Au Gold
Tou Tourmaline
Pb Lead
Zn Zinc

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H.M. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

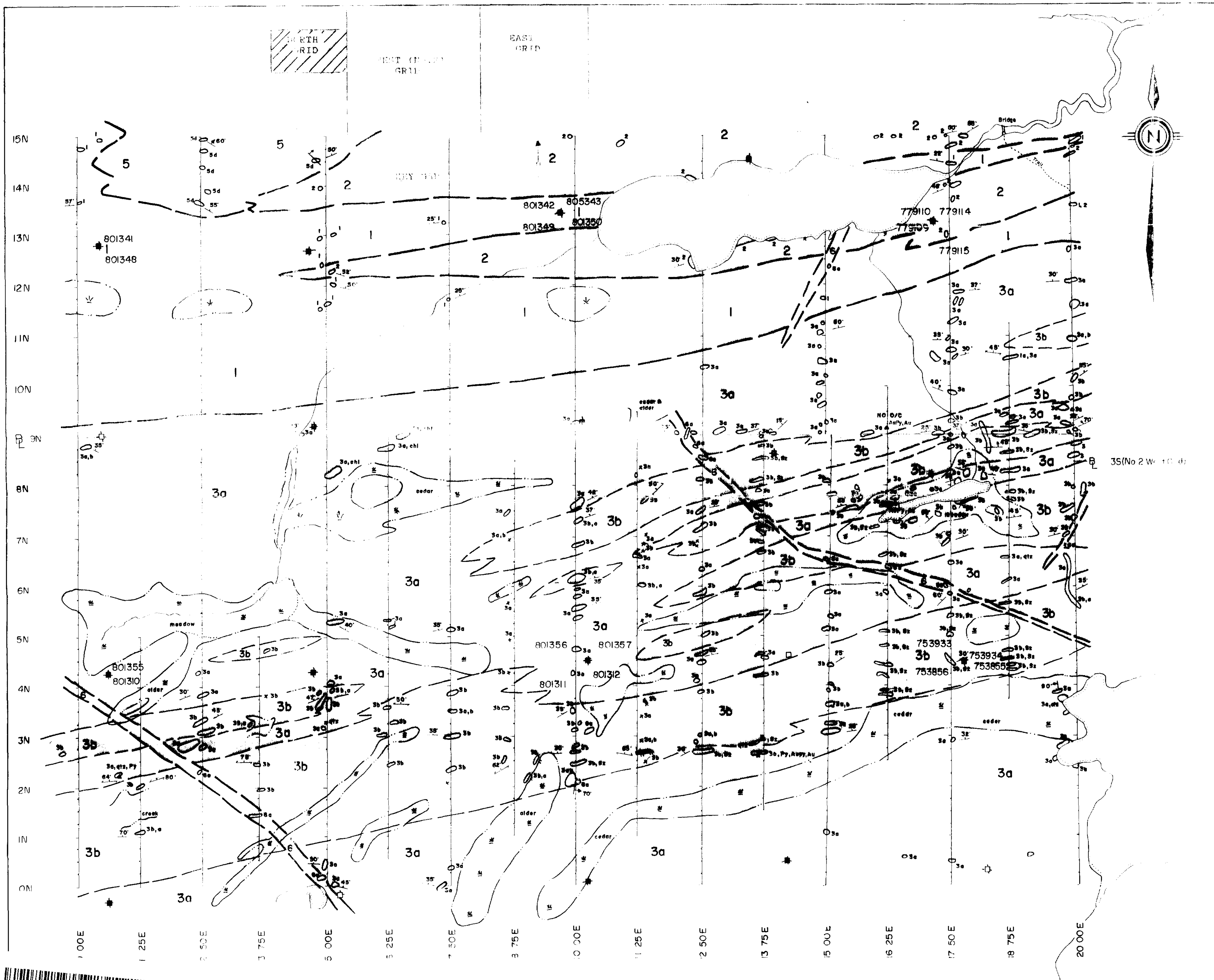
MISHIBISHU LAKE AREA, ONTARIO
No. 2 (WEST) GRID
GEOLOGY

0 100 200 300 METRES

SCALE 1:5000 | SEPT 1987 | 18

2.10763

BEARS, BARRY & ASSOCIATES, WAWA, ONT.



LEGEND

6	MAFIC INTRUSIVE DYKES & SILLS 6a Diabase 6b Lamprophere Dykes
5	FELSIC TO INTERMEDIATE INTRUSIVE ROCKS 5 Granitic & Gneisic Rocks 5a Fine Grained Dykes & Sills 5b Feldspar Porphyry 5c Quartz Feldspar Porphyry 5d Course Grained Massive Granite
4	MAFIC TO INTERMEDIATE INTRUSIVE ROCKS 4 Dorite to Gabbro
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SYMBOLS

- GEOLOGICAL BOUNDARY
- SAMPLE LOCATION & NUMBER
- SCHISTOSITY
- SHEAR DIRECTION
- BEDDING
- FRACTURE
- CLAIM POST
- SHEAR ZONE
- FAULT
- GEOLOGICAL CONTACT Minor, Major
- ESKER
- LAKESHORE
- SWAMP
- CLIFF
- ROCK OUTCROP

Amp	Amphibolite	Py	Pyrite
Sz	Sheared	CPy	Chalcopyrite
Int	Intermediate	AsPy	Arsenopyrite
Ccc	Carbonated	Au	Gold
chl	Chloritic	Tou	Tourmaline
q.str.	quartz stringer	Pb	Lead
q.v.	quartz vein	Zn	Zinc

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H.M. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO
NORTH GRID

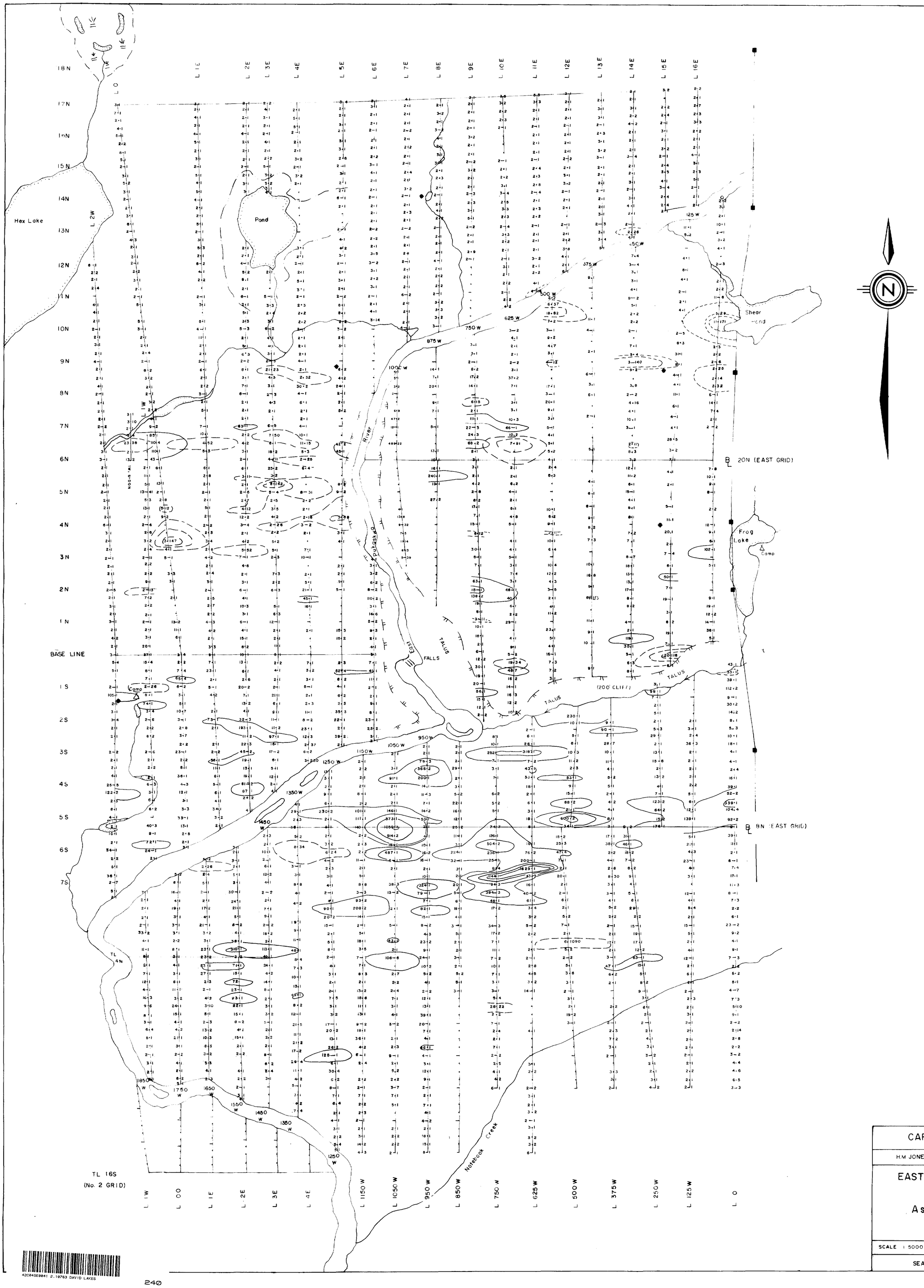
GEOLOGY

2.10763

0 100 200 300
METRES

SCALE 1:5000	NOV. 1987	1C

SEARS, BARRY & ASSOCIATES, WAWA, ONT.



LEGEND

- LAKE OR POND
- SWAMP
- As 40, 250, 500, 1000 ppm
- Au 10, 50, 100, 500 ppb
- 23|30 As, Au

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H.M JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

EAST GRID

As, Au GEOCHEMISTRY

2.10763

0 100 200 300 METRES

SCALE 1:5000	SEPT. 1987	#2-A

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

Floating Bog Pond

Hex Lake

Aardvark Lake

Devil Lake

Bridge

Camp

East Pukaskwa River

L 28 W L 27 W L 26 W L 25 W L 24 W L 23 W L 22 W L 21 W L 20 W L 19 W L 18 W L 17 W L 16 W L 15 W L 14 W L 13 W L 12 W L 11 W L 10 W L 9 W L 8 W L 7 W L 6 W L 5 W L 4 W L 3 W L 2 W L 1 W

L 20 E (North Grid)

TL 12 N

TL 25 S

17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 5N 4N 3N 2N 1N 00 (No 2 Grid) 1S 2S 3S 4S 5S 6S

TL 4N (East Grid)

TL 12S

TL 16S

17S 18S 19S 20S 21S 22S 23S 24S

LEGEND

- LAKE OR POND
- SWAMP
- As >40 ppm
- Au >15 ppb
- 23|30 As, Au

EXMAR RESOURCES LTD.
RED BARN DISTRIBUTION CENTRES LTD

HM JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

No. 2 (WEST) GRID

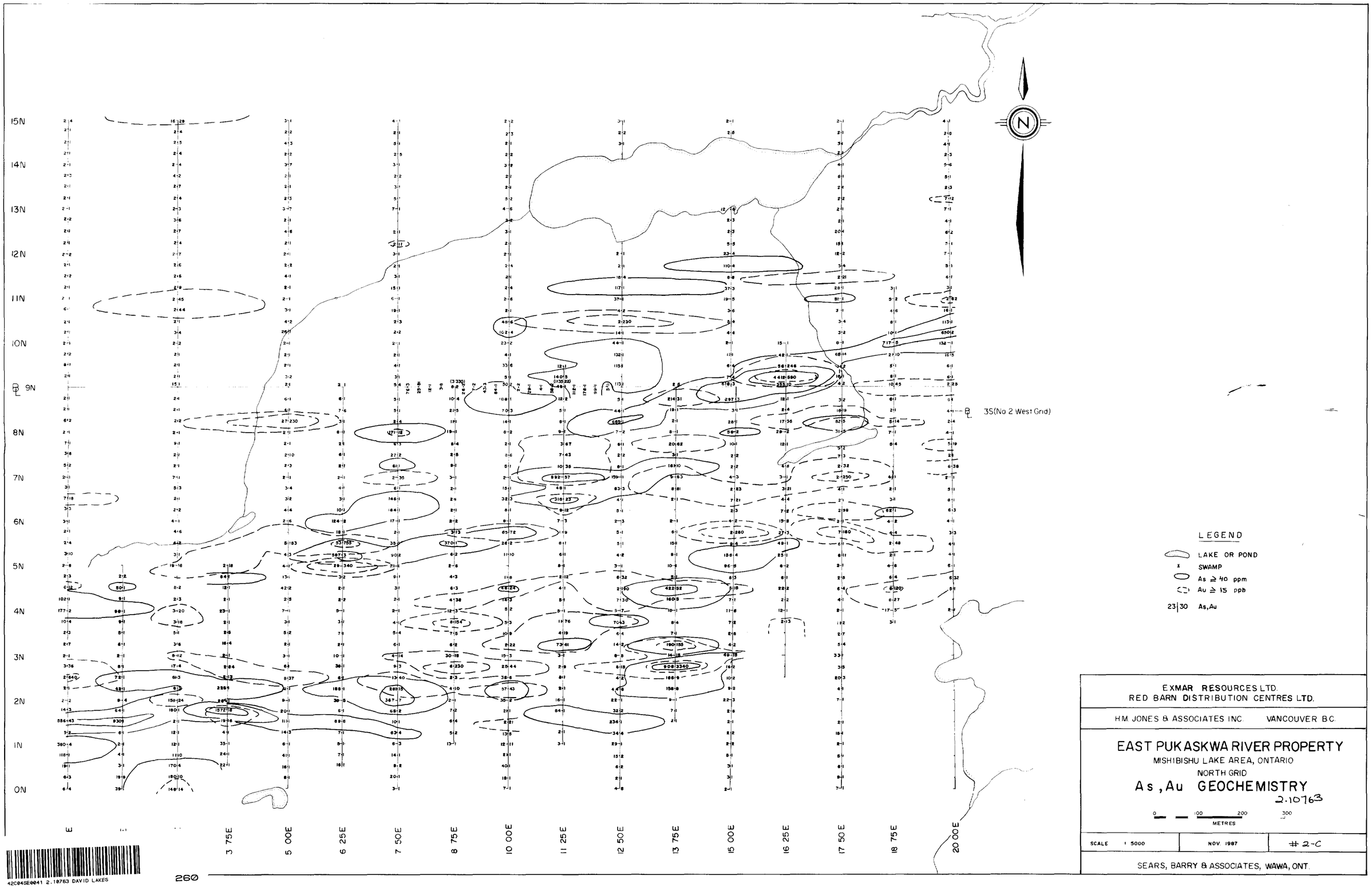
As, Au GEOCHEMISTRY

2.10763

0 100 200 300 METRES

SCALE 1:5000 | SEPT 1987 | # 2-B

SEARS, BARRY & ASSOCIATES, WAWA, ONT.



LEGEND

- LAKE OR POND
- SWAMP
- As ≥ 40 ppm
- Au ≥ 15 ppb
- 23|30 As,Au

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RED BARN DISTRIBUTION CENTRES LTD.

H.M. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

NORTH GRID

As, Au GEOCHEMISTRY

2.10763

0 100 200 300
METRES

SCALE 1:5000	NOV. 1987	# 2-C

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

CARIBBEAN RESOURCES LTD

H.M. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

EAST GRID

Pb, Zn GEOCHEMISTRY

2.10763

0 100 200 300 METRES

SCALE 1:5000 | SEPT. 1987 | #3-A

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

42C04SE0041 2.10763 DAVID LAKES

Floating Bog Pond

Hex Lake

Aardvark Lake

Devil Lake

Bridge

Camp

Pond

Lower Pukaskwa River

TL 12 N

TL 4N (East Grid)

TL 12 S

TL 25 S

TL 16S

BL 00 (No. 2 Grid)

BL 00 2S

BL 3S

BL 12S

L 20E (North Grid)

L 28 W L 27 W L 26 W L 25 W L 24 W L 23 W L 22 W L 21 W L 20 W L 19 W L 18 W L 17 W L 16 W L 15 W L 14 W L 13 W L 12 W L 11 W L 10 W L 9 W L 8 W L 7 W L 6 W L 5 W L 4 W L 3 W L 2 W L 1 W L 0

17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 5N 4N 3N 2N 1N 1S 2S 3S 4S 5S 6S 17S 18S 19S 20S 21S 22S 23S 24S

LEGEND

- LAKE OR POND
- SWAMP
- Pb ≥40 ppm
- Zn ≥75 ppm
- 4|15 Pb,Zn

EXMAR RESOURCES LTD.
RED BARN DISTRIBUTION CENTRES LTD

HM JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

No. 2 (WEST) GRID

Pb, Zn GEOCHEMISTRY

2.10763

0 100 200 300 METRES

SCALE 1:5000 | SEPT 1987 | # 3-B

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

15N
14N
13N
12N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
0N

00E 25E 50E 3 75E 5 00E 6 25E 7 50E 8 75E 10 00E 11 25E 12 50E 13 75E 15 00E 16 25E 17 50E 18 75E 20 00E

B 35(No. 2 West Grid)

N

LEGEND

- LAKE OR POND
- SWAMP
- Pb ≥ 40 ppm
- Zn ≥75 ppm
- 4|15 Pb, Zn

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RED BARN DISTRIBUTION CENTRES LTD.

H.M JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

NORTH GRID

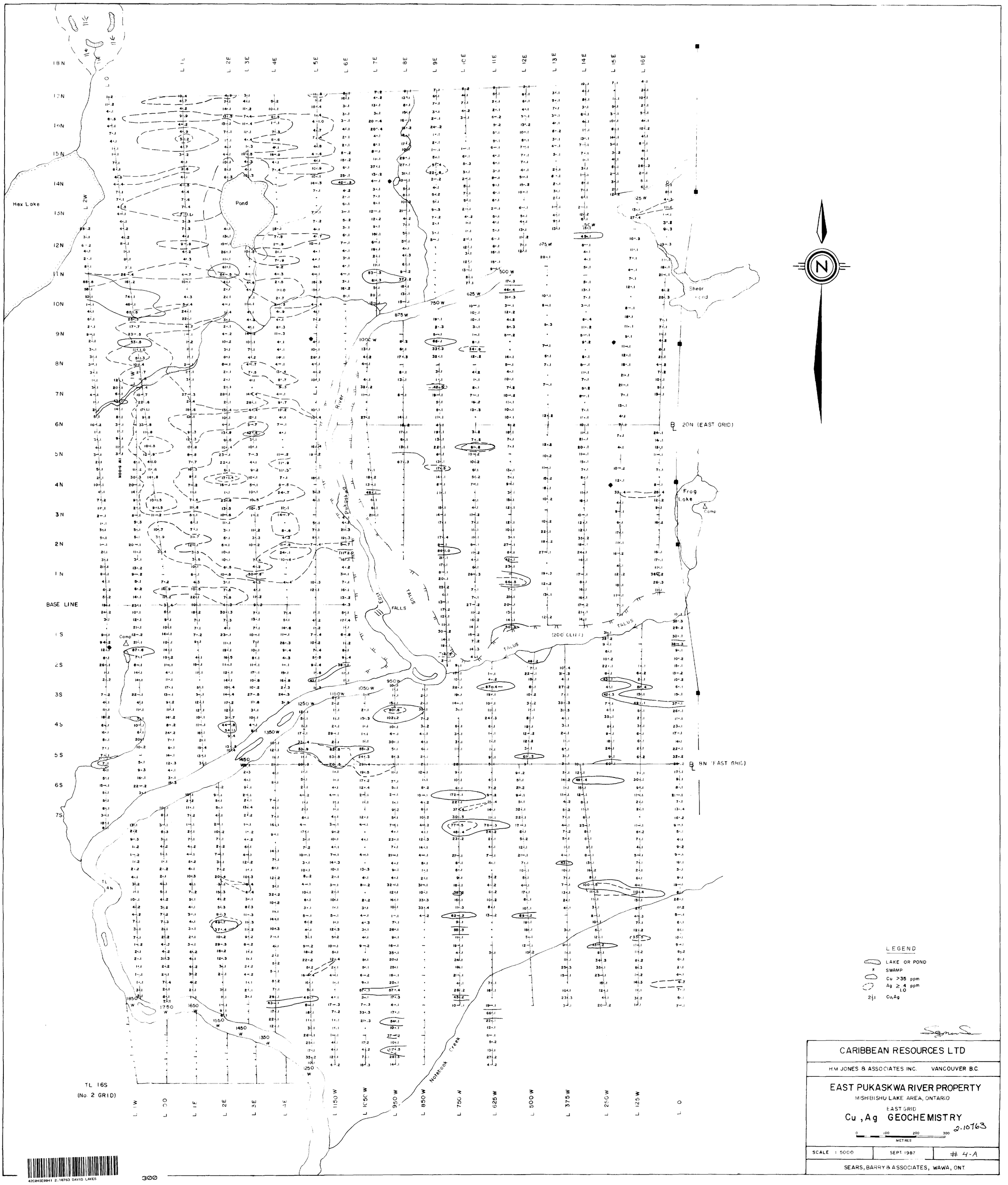
Pb, Zn GEOCHEMISTRY

2.10763

0 100 200 300
METRES

SCALE 1 5000	NOV. 1987	# 3-C

SEARS, BARRY & ASSOCIATES, WAWA, ONT.



Floating Bog Pond

Hex Lake

Aardvark Lake

Devil Lake

Bridge

Camp

East Pukaskwa River

L 0

L 2 W

L 3 W

L 4 W

L 5 W

L 6 W

L 7 W

L 8 W

L 9 W

L 10 W

L 11 W

L 12 W

L 13 W

L 14 W

L 15 W

L 16 W

L 17 W

L 18 W

L 19 W

L 20 W

L 21 W

L 22 W

L 23 W

L 24 W

L 25 W

L 26 W

L 28 W

L 20 E (North Grid)

TL 12 N

TL 12 S

TL 4 N (East Grid)

TL 16 S

TL 25 S

BL 00 (No. 2 Grid)

BL 00S

BL 2S

BL 3S

17N
16N
15N
14N
13N
12N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S
15S
16S
17S
18S
19S
20S
21S
22S
23S
24S

LEGEND

- LAKE OR POND
- SWAMP
- Cu > 35 ppm
- Ag > 4 ppm
- Cu,Ag

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HM JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO

No. 2 (WEST) GRID

Cu, Ag GEOCHEMISTRY

2.10763

0 100 200 300 METRES

SCALE 1:5000 | SEPT 1987 | # 4-B

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

15N
14N
13N
12N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
0N

E
3 75E
5 00E
6 25E
7 50E
8 75E
10 00E
11 25E
12 50E
13 75E
15 00E
16 25E
17 50E
18 75E
20 00E

3S(No 2 West Grid)

N

LEGEND

- LAKE OR POND
- SWAMP
- Cu ≥ 35 ppm
- Ag ≥ 4 ppm
- 21.1 Cu,Ag

EXMAR RESOURCES LTD.
RED BARN DISTRIBUTION CENTRES LTD.

H.M. JONES & ASSOCIATES INC. VANCOUVER B.C.

EAST PUKASKWA RIVER PROPERTY

MISHIBISHU LAKE AREA, ONTARIO
NORTH GRID

Cu, Ag GEOCHEMISTRY

2.10763

0 100 200 300
METRES

SCALE 1 5000 | NOV 1987 | # 4-C

SEARS, BARRY & ASSOCIATES, WAWA, ONT.

42C04SE0041 2.10763 DAVID LAKES