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MINING LANDS SECTION

ONEIDA RESOURCES INC.

REPORT ON 1988 EXPLORATION PROGRAM

MAPLE LAKE PROPERTY

PILOT HARBOUR, DAVID LAKES AREA, NORTHWESTERN ONTARIO

2.13155

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Sault Ste. Marie, Ontario

Frank Pezzutto M.Sc.
Geologist, Tundra Gold Mines

42C04SE0004 2.13155 DAVID LAKES

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Chapter 1: SUMMARY AND CONCLUSIONS

The Oneida Resources Inc. Maple Lake property, located approximately 60 km west of Wawa, Ontario, underwent an extensive exploration program during the spring, summer and fall of 1988. The program included line cutting, prospecting, trenching, mapping, geophysics, geochemistry and drilling.

A preliminary understanding of the geology of the Oneida Maple Lake property (map at scale 1"=500'), is the result of the interpretation of the mapping, prospecting and drilling program. The property is underlain by an E-W trending succession dominated by metavolcanics and metasediments of the Mishibishu Lake greenstone belt. All metavolcanic and metasedimentary units have been isoclinally folded and regionally metamorphosed to greenschist facies.

The metavolcanics are chiefly composed of mafic to intermediate flows (occasionally porphyritic) and tuffs with interbedded intermediate to felsic flows and pyroclastics. Subordinate metasediments consist of greywacke with lesser amounts of slate, arkose and iron formation. Almost all of the units in the greenstone belt are foliated but some are massive.

Numerous diorite and gabbro plutons intrude into the metavolcanic and metasedimentary assemblages. Granodiorite, syenite and related felsic intrusives are also present, especially near the Peek-a-boo gold showing. These units are likely derived as partial melts from the granite batholiths and are emplaced as marginal facies to the granites situated less than one kilometer to the south.

Diorites have a special significance on the Oneida Maple Lake property because this rock hosts the gold deposit on the adjacent Noranda-Central Crude property. In addition, related felsic intrusives may provide the heat source necessary to drive hydrothermal systems.

A comprehensive drilling program consisting of 49 holes was initiated during the spring of 1988 and was completed by October of 1988. The 1988 diamond drill program results indicated no significant gold mineralization on the Oneida Maple Lake property except for the Peek-a-boo showing. Fourteen holes were drilled at the Peek-a-boo showing with three mineralized intersections. The significant holes are 088-3 with 2.5' assaying 0.095 oz. Au/ton, 088-9 assaying 0.327 oz. Au/ton over a width of 2', and 088-12 assaying 0.294 oz. Au/ton over 2'.

The greatest potential for economic gold mineralization is near the Peek-a-boo gold showing but an IP survey is needed to help delineate the extent and the geometric nature of this showing. In addition , further geophysical (IP, EM) surveys are recommended for E-W trending lineaments that extend onto this property from the Noranda-Central Crude Eagle River property.

Chapter 2: INTRODUCTION

An extensive exploration program (line cutting, trenching, geochemistry, geophysics, mapping, prospecting and diamond drilling) was conducted on the Oneida Resources Inc. Maple Lake property during 1988. Oneida Resources Inc. is a member of the Applegath Group of Companies. Prior to 1988, only a limited amount of mapping and prospecting was conducted in the area. During the summer of 1988, the Oneida Maple Lake camp temporarely hosted a crew of 26 men with three full-time geologists and two drill crews.

An extensive diamond drilling program was initiated in 1988 to test a known gold-bearing zone and to test numerous lineaments, shear zones and mineralized zones. Drilling failed to intercept any gold zones of economic importance but there is still gold potential on the property.

Chapter 3: PROPERTY

The Oneida Maple Lake property is situated on the south limb of the Mishibishu Lake greenstone belt set between the South and Central granite plutons of the Archean Wawa Subprovince of the Superior Province.

The Oneida Maple Lake property consists of 90 contiguous claims and comprises approximately 3600 acres (1,457 hectares). The claims are located near the western margin of the Sault Ste. Marie Mining Division and have been recorded in the Sault Ste. Marie Mining Recorder's Office.

The claims are in good standing for four years from the recording date and are numbered as follows:

Claim Numbers	No. of Claims	Recording Date
894394 to 894395	2	Aug. 21, 1986
894399 to 894404	6	Aug. 21, 1986
946869 to 946882	14	Aug. 21, 1986
946889 to 946903	15	Aug. 21, 1986
946915 to 946932	18	Aug. 21, 1986
946947 to 946964	18	Aug. 21, 1986
946979 to 946995	17	Aug. 21, 1986

The Oneida Maple Lake property is bordered to the east by the Noranda-Central Crude property, to the south by the Oneida Floating Heart block (173 claims), to the west by the Alotta-In-Between property (33 claims), and to the north by the Tundra Jackfish Lake property

(527 claims). Figure 1 provides the location of the Oneida Maple Lake property; Figure 2 shows the areal relationship of the induvidual claims in the Oneida Maple Lake claim block.

Chapter 4: LOCATION AND ACCESS

The Oneida Maple Lake Property is located approximately 60 km west of Wawa, Ontario, (NTS sheet 41N/13, 42C/4). Wawa is 227 km north of Sault Ste. Marie by road.

Access to the property is presently restricted to helicopter transport from Wawa and by boat or barge from Michipicoten Harbour, 3 km southeast of Wawa. The southern claim boundary is 8 km from the Lake Superior shoreline.

An all-weather private road (the Noranda Road) is presently under completion and will eventually link the Noranda-Central Crude property to HWY 17N between the towns of Wawa and White River. Upon completion, this road will be within 3 km of the eastern boundary of the Maple Lake property. This road will greatly facilitate the transport of heavy equipment into the area should the necessity arise.

Chapter 5: TOPOGRAPHY AND VEGETATION

The Oneida Maple Lake property is marked by long, linear E-W trending ridges and escarpments with intervening steep-sided faults. The ridges generally have moderate slopes but steep ridges are common, especially along the northern margin of the property near the granite intrusives.

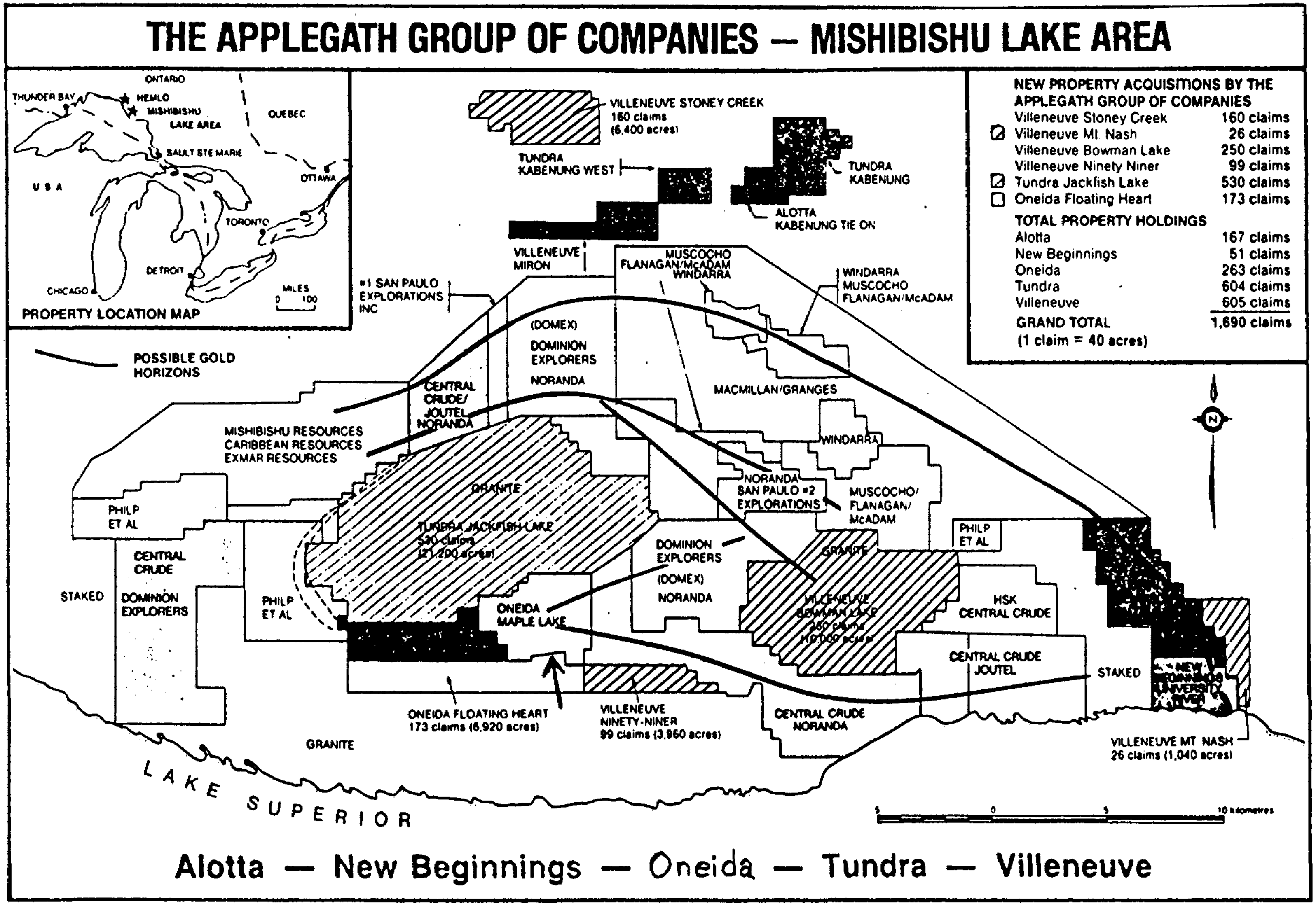

Figure 1. Location of the Oneida Maple Lake property (arrow).

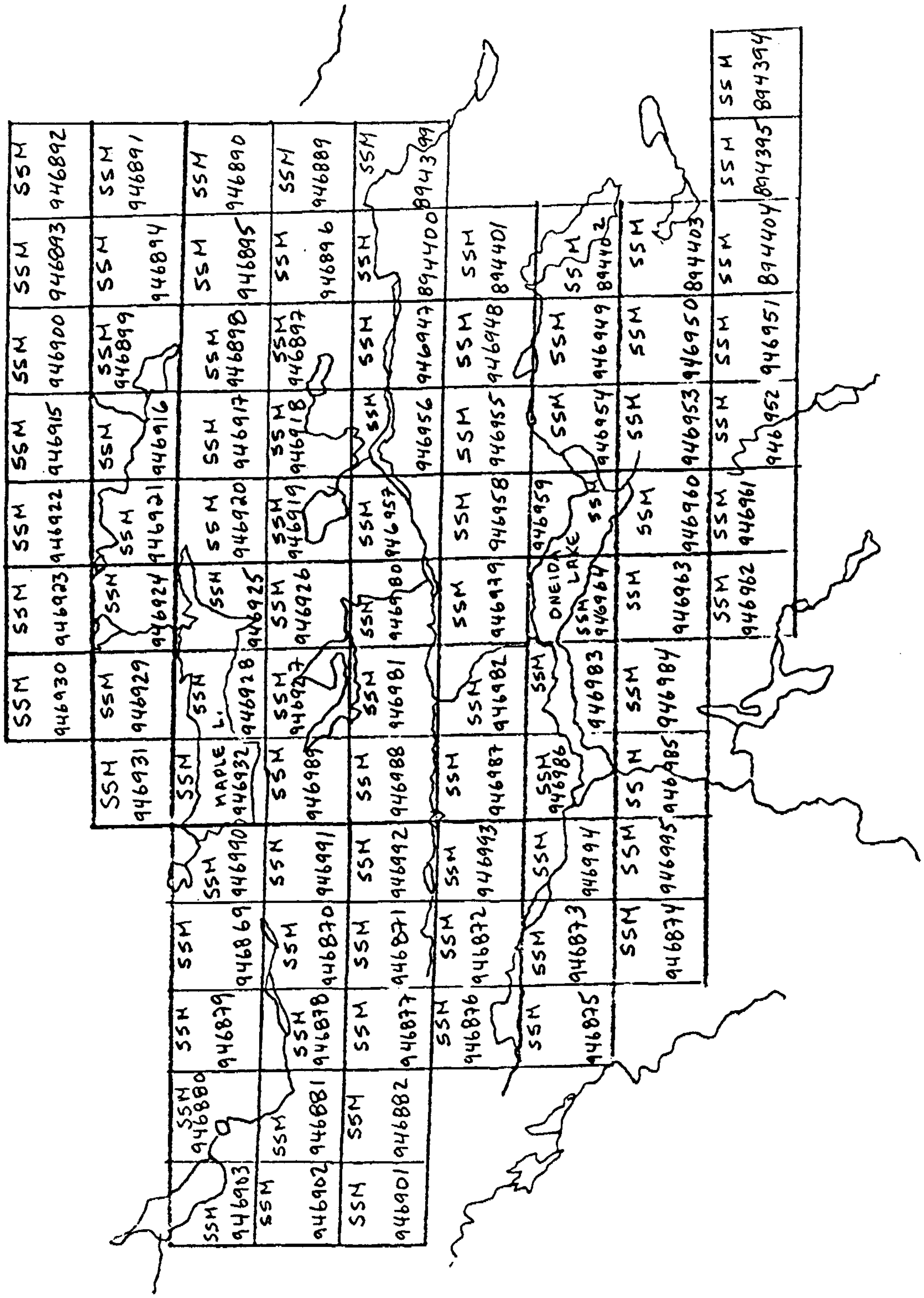

Figure 2. Map showing the areal distribution of the induvidual claims in the Oneida Maple Lake claim block.

Superimposed on the E-W trending ridges is a series of NNW trending lineaments or 'breaks'. The significance of these 'breaks' will be discussed in Chapter 13 dealing with structural geology.

Low-lying areas are represented by lakes, swamps or fens. The minimum elevation on the property is approximately 1230' along the Floating Heart River; the maximum elevation is 1520' northwest of Maple Lake.

Black or white spruce, balsam fir and occasional white pine stands cover most of the property. Steep hillsides support spruce, balsam and birch. Hilltops are covered by maple, mountain-sumac and pin-cherry. Intervening wet areas are marked by thick alder or cedar.

Chapter 6: CLIMATE

The climatic type of the property is typical for that of Northern Ontario: the humid continental type. Summers are short but warm and humid. Most of the precipitation falls in summertime, commonly as heavy showers or thunderstorms. Winters are long and cold with moderate amounts of snow. Snow accumulation in the bush may exeed 3' and may linger until May. Yearly precipitation in the area is in the range of 30 to 35 inches. The mean annual Jaunary temperature is -12 to -20°C, whereas the mean annual July temperature is 16 to 21°C.

Lake Superior has a moderating effect on both seasons. Unfortunately, the presence of the nearby lake also results in periods of intense fog which disrupts air-travel for days at a time.

Chapter 7: POWER

At Mishibishu Lake (12 km NNE of the Oneida Maple Lake property), the Muscocho Group has recently completed a spur-transmission line from the Ontario Hydro Electric Power Commission to their Magnacon mine site.

In the event that the adjacent Noranda-Central Crude property undergoes development, the Muscocho spur-line will likely be extended to serve the new mine-site. In this event, the Oneida Maple Lake property will be in close proximety to electrical power.

Great Lakes Power Ltd. is presently building three hydroelectric dam sites on the Magpie River, 5 km west of Wawa. These projects are expected to be complete by July of 1989 and should supply the burgeoning needs of mining companies in the area.

Chapter 8: WATER

Numerous lakes and ponds are present on the Oneida Maple Lake property. The Floating Heart River crosses the property and Lake Superior is 5 km to the south. There is no shortage of water resources in the area to support all phases of a mining operation.

Chapter 9: ANCILLARY SERVICES

Many supplies and services necessary for exploration can be obtained from Wawa's numerous businesses. Wawa, a town of 5,500 is situated on the Trans-Canada Highway and is less than a 6 hour drive from Thunder Bay, Timmins or Sault Ste. Marie. Wawa features an airport with regular flights to Thunder Bay and Sault Ste. Marie. A spur-line of the Algoma Central Railway is situated near Wawa, and the town is in close proximety to a large fresh-water ship facility at Michipicoten Harbour.

Chapter 10: PROPERTY HISTORY

Very little geologic work has been done in the area prior to that conducted by the Applegath Group of Companies.

Until recently, the best source of information of the area was the Ontario Ministry of Natural Resources Geology of the Pukaskwa River-University River Area with a geologic map at scale 1:63,360 (Bennett and Thurston, 1977). W.J. Wolfe (1976), conducted a regional geochemical (whole rock and stream sediment) survey of the area.

Prior to 1982, no previous assessment work on the property area had been filed. It is generally believed that little exploration has been conducted in the area due to its isolation and rugged terrain. Some work was conducted in the area at the turn of the century by prospectors looking for iron formation. This is evidenced by the presence of an abandoned campsite with a pile of iron formation on the western edge of Oneida Lake.

Brass Ring Resources Inc. commenced an exploration program early in 1983. An airborne geophysical survey was done along flight lines 200 metres apart. Ninety-one line kilometers were flown by helicopter equipped with a 3 frequency electromagnetic system, a VLF electromagnetic system and a magnetometer. F. Scott (1983) described the 6 conductors reflected by the survey. Field work from 1983 to 1987 consisted of reconnaissance prospecting, rock sampling and limited mapping. Jean Descarreaux, Ph. D. (1987), wrote a geotechnical report on the Oneida Maple Lake property.

Chapter 11: REGIONAL GEOLOGY

The Oneida Maple Lake property is situated 72 km south of the important gold mines of Hemlo and 12 km southwest of the Muscocho-Magnacon property north of Mishibishu Lake. The property is situated in the central part of the southern limb of the Mishibishu Lake metavolcanic-metasedimentary belt which occupies the southern portion of the Archean Wawa Subprovince of the Superior Province. The arc-shaped Mishibishu Lake greenstone belt has an overall length of 55 km and an average width of 12 to 18 km.

The lithology of the Mishibishu Lake greenstone belt is characterized by a sequence of mafic to intermediate volcanic rocks and related intrusive and hypabyssal rocks. Interbedded greywacke, siltstone, arkose and iron formation are common. Felsic to intermediate metavolcanics occur in narrow E-W trending bands. Conglomerate is found locally but has not been recognized on the Oneida Maple Lake property.

Three small batholiths of granite intrude the greenstone belt and consist mainly of trondhjemite, and quartz monzonite with diorite and granodiorite phases. Olivine diabase dykes transect all lithologic units and are best exposed along the lake Superior shoreline.

Much of the Oneida Maple Lake property is overlain by thin deposits of gravel and sand of Pleistocene age. Outcrops are generally abundant.

Chapter 12: PROPERTY GEOLOGY

The Oneida Maple Lake claim block consists dominantly of an E-W trending sequence of metamorphosed and folded volcanics and sedimentary rocks set between two granite batholiths. The thickness of the greenstone belt on the property ranges from 1 km on the western boundary to 2 km along the eastern boundary. The majority of exploration took place in the greenstone belt and will therefore be the main topic of this report.

METAVOLCANICS

The metavolcanics are divided into two main groups: mafic to intermediate and intermediate to felsic. The division between these two was established primarily on the basis of colour and recognizable original constituents (if present) because almost all of the rock units have been chloritized and silicified. Therefore there is an arbitrary division of rocks which have a large compositional range and the two subdivisions are complexely interrelated and distributed.

12.1: Mafic to Intermediate Metavolcanics

The mafic to intermediate metavolcanics are subdivided into a number of different categories depending upon rock fabric.

Volumetrically the most important rock types found on the property are mafic to intermediate flows. These units are typically dark green-grey to black (depending upon the amount of chlorite, grain-size and chemistry), medium-to fine-grained, massive or foliated. A weathered zone one to two cm deep is considerably lighter in colour than fresh surfaces.

Flow contacts were occasionally observed and are marked by subtle changes in colour and by rare interflow sediments or flow breccias. Occasional cumulative texture is visible in drill-core.

Porphyritic metabasalt is common throughout the Oneida Maple Lake property. This lithology contains beige or dark green plagioclase phenocrysts 0.2 to 0.5 cm long. The porphyries are commonly mixed with fine-to medium-grained metagabbro and metadiorite, some of which look hypabyssal in nature.

Pillowed flows are not abundant but occur throughout the Oneida Maple Lake property and are associated with massive flows. The best exposures are on the southeast shore of Line Cutter Lake near the western property margin. The deformed pillows are 30 to 80 cm long and 10 to 25 cm high. Top determinations were difficult to ascertain but appear to be to the north.

Mafic to intermediate tuffs were distinguished from flows by the presence of faint and irregular colour banding, strong foliation, and in rare cases, by small rock fragments (<2 mm). The mafic tuffs are generally lighter in colour than flows likely due to their susceptibility to alteration. The tuffs are usually thin and intercalated with flows.

Interflow sediments were observed in several volcanic packages.

The sediments are extremely fine grained and light grey in colour. Exposures are too small to be presented on the geologic map of the property.

Amphibolites are restricted to the granite pluton contacts. Most amphibolites are dark green and medium-to coarse-grained and weakly foliated. Amphibolites and migmatites are spatially associated with granites and represent partial assimilation of the greenstone belt.

12.2: Intermediate to Felsic Metavolcanics

The intermediate to felsic metavolcanics are subdivided into a number of different categories depending on the dominant rock fabric. Four different rock types are grouped into this subdivision. These rocks are subordinate to mafic volcanics in volume.

Intermediate to felsic flows are present and are characterized by an aphanitic texture and occasional quartz and feldspar phenocrysts (<2 mm). Intermediate to felsic flows are typified by green-grey colour and distinct foliation. Felsic flows were rarely observed but are recognized by a buff to pink colour and small potassic feldspar phenocrysts. Almost all of the intermediate to felsic flows have been chloritized and silicified.

Rare intermediate to felsic tuffs are distinguished from flows by the presence of faint, irregular colour banding, strong foliation and crystal fragments. The tuffs range in colour from off-white to greenish-grey on fresh surfaces and brownish-grey on weathered surfaces. Chlorite and epidote(?) tend to be concentrated into bands which parallel the rock formation. The identification of individual clasts was impossible due to their small size, deformation and metamorphism.

Intermediate porphyries are common on the Oneida Maple Lake property, especially along the western margin. Intermediate porphyries are dark green on fresh surfaces and light grey on weathered surfaces. Approximately 15 to 20% of the rock volume consists of irregular 0.2 to 0.4 mm beige to light brown plagioclase phenocrysts set in a dark green, slightly foliated matrix of chlorite, biotite and pyroxene. The porphyries are definetily volcanic in origin.

Rhyolite-dacite was rarely observed in the field. These units are narrow (usually less than 2' wide), and have short strike lengths. Most of the rhyolite-dacite units contain phenocrysts of quartz, light-coloured feldspar and hornblende set in a foliated quartz and chloritic matrix. Due to their limited areal distribution, the presence of rhyolite-dacite may represent a minor felsic phase of mafic volcanism in the area.

12.3: Metasediments

Metasediments in the Mishibishu Lake greenstone belt are divided into two main groups: chemical metasediments and clastic metasediments. These rocks are mainly limited to the northern margin of the Oneida Maple Lake property; a small sliver of metasediments occur near the western edge of the property southeast of Line Cutter Lake.

Wacke and mudstones are the dominant metasediments and occur in an east-west trending belt running through Maple Lake. Weathered surfaces are light grey or light brown in colour, whereas fresh surfaces are grey to black, depending upon the mud content. Greywacke with interbedded slate form the majority of the clastic sediments. Bedding is difficult to observe because of intense foliation and metamorphism. When visible, bedding in the greywacke ranges from 4 to 20 cm and is considerably less for slate. The ratio of wacke to mudstone is variable although the wacke component is usually dominant. Grain size ranges from coarse sand at the base of beds to very fine sand and mud at the tops. Bouma sequences could not be distinguished although many 'A' bases were observed. The identification of clasts is impossible without petrographic study but likely consists of a typical Archean greywacke assemblage of volcanic and plutonic quartz, plagioclase and rock fragments set in a fine grained matrix.

Two types of iron formation were observed by the author. One is a low-grade oxide-facies (magnetite) iron formation associated with metasediments. The other is a pyrite-pyrrhotite rich iron formation associated with mafic volcanics.

Oxide facies iron formation are best observed along the western edge of Maple Lake. Airborne EM surveys trace this iron formation across the entire northern portion of the property. Magnetite is banded on a mm scale in a cherty horizon tens of feet thick. The iron formation is interbedded in a thick metagreywacke package.

Several pyrite-pyrrhotite iron formations were uncovered on the property. This type of iron formation is rarely laterally extensive and was not observed to exceed 4' in thickness. The total percentage of sulphides range from 15 to 40%, the majority of which is usually pyrite. Occasional chalcopyrite, in quantities of 1 to 4% in the iron formation, has necessitated assaying for associated gold but with disappointing results. Pyrite-pyrrhotite rich iron formations appear to be invariably sheared and interbedded with mafic volcanics. They are thought to have an exhalative origin.

12.4 Basic-Ultramafic Intrusives

Small and spherical outcrops ranging from mafic diorite, gabbro and rare ultramafics occur sporadically throughout the Oneida Maple Lake property but are most common along the southern granite boundary. Mafic diorite is medium-to coarse-grained with beige or light brown coloured plagioclase as the dominant mineral. Pyroxene, hornblende and small amounts of biotite and chlorite are the chief mafic minerals. Textures are usually granitic but are occasionally poikilitic or porphyritic.

Mafic diorites have a markedly higher colour index (>35%) than the 'regular' diorites classifed as felsic intrusives in this report. Pyroxene is the dominant mafic mineral and there is no modal quartz visible.

Mafic diorites and gabbros are generally found on the Oneida Maple Lake property as member bodies of batholiths or as small discrete marginal facies of siliceous plutons. It is the author's belief that the majority of the mafic diorites, gabbros and ultramafic outcrops formed as hybrid subordinate marginal facies to the granite batholiths found along the southern greenstone belt boundary. Some of the larger gabbro bodies may be subvolcanic intrusives.

12.5: Felsic Intrusives

The greatest concentration of porphyritic diorite outcrops is situated near the Peek-a-boo gold showing occurring as small outcrops and as discrete granitic 'satellites'. Andesine or calcic oligoclase is the dominant phenocryst. Hornblende is the common mafic mineral although biotite and occasional pyroxene is found in more mafic varieties. The presence of diorite on the Oneida Maple Lake property is significant due to its spatial distribution to the Peek-a-boo showing; it may be a heat source for hydrothermal fluids. In addition, diorite is the host rock for the Noranda-Central Crude property. Diorite fractures well and creates many dilatant zones suitable for the injection of economic gold deposits.

Almost equal in abundance to diorite on the Oneida Maple Lake property are granodiorites. The granodiorites are marked by roughly equal percentages of pink orthoclase and beige plagioclase. Also present is quartz, hornblende, accessory biotite and chlorite.

Medium grained pink to orange syenite was rarely observed on the Maple Lake property, usually occurring with felsic intrusives.

12.6: Batholithic Rocks

Granite batholiths are situated to the north (Central Pluton) and to the south (South Pluton) of the Oneida Maple Lake property. The rocks are polyphase types ranging from adamellite to hornblende trondhjemite. Other rock types identified include quartz monzonite, granodiorite, and numerous porphyritic hybrid phases. The granite-greenstone belt margins are marked by migmatites and occasional amphibolite-grade metavolcanics.

12.7: Late Mafic Intrusive Rocks-Diabase

Post-granite diabase dykes of Late Precambrian age are common and cut all lithologies. The olivine-rich dykes range in thickness from a few inches to 40'. There appears to be two preferred strike directions: NNW and NNE. Diabase dykes are best exposed along the Lake Superior shoreline.

12.8: Pleistocene Deposits

The Precambrian rocks of the Oneida Maple Lake property are covered in part by a Pleistocene veneer of sand and gravel. Thickest deposits are confined to topographic lows as well as recent lakes and swamps. Hilltops are generally devoid of cover except for moss and lichen.

Chapter 13: STRUCTURAL GEOLOGY

13.1: Foliation

The parallel alignment of phyllosilicates (chlorite, biotite and sericite) and the preferred dimensional orientation of clasts in sedimentary rocks imparts a distinct foliation in most of the volcanic-sedimentary assemblage in the Mishibishu Lake greenstone belt. Foliation is generally parallel to the strike and dip of the isoclinally folded units: the foliation is axial planar except in areas of complex folding. Foliation is generally E-W trending and dips within 20° from vertical.

13.2: Minor Folds

No major folds were observed in the field. Numerous small folds were observed and are the result of the same episode of deformation responsible for the major folds as indicated by the presence of S_1 cleavage which is axial planar to the minor folds. With the understanding of the relationship between bedding and cleavage, local bedding-cleavage relationships found in S, Z, M or W folds helps to indicate the position of major folds in the area.

Kinks and and small chevron folds are occasionally present in finely laminated rocks such as sediments and tuffs. The development of these structures may be the result of a component of compressive stress acting upon the layering in the rock with a previously developed anisotropy. In these structures, the schistosity is folded about steeply dipping axial fold surfaces.

13.3: Faults and Lineaments

Numerous E-W trending faults and lineaments are visible on the Oneida Maple Lake property from the study of air photographs. Two strong lineaments extend westward from the Noranda-Central Crude property and are marked by strong linear features situated north and south of Oneida Lake. They provide possible targets for gold exploration because it is believed that they may host an extention of the Noranda-Central Crude gold deposit.

Displacement, if any, along the lineaments, faults and shear zones on the Oneida Maple Lake property is difficult to ascertain due to lack of marker units and cover.

Superimposed on the E-W lineaments is another series of NNW trending lineaments, some of which are marked by gullies and lakes. The displacement of mapable units, especially on the adjacent Alotta-In-Between property indicates them to be sinistral faults.

Chapter 14: METAMORPHISM

Generally the volcanic-sedimentary Mishibishu Lake greenstone belt has been metamorphosed under the greenschist facies condition of regional metamorphism. Metamorphic assemblages consist of chlorite+/-sericite+/-quartz+/-biotite. Other metamorphic minerals common are albite, K-spar, calcite and tourmaline. Along the northern and southern boundaries adjacent to the granite batholiths, the metavolcanics have been metamorphosed to amphibolite grade.

Chapter 15: 1988 PROGRAM

15.1: Line cutting

The majority of linecutting on the Oneida Maple Lake property took place during the winter of 1987-1988 and was completed by July of 1988. Two baselines were established as well as the cutting of a grid with 400 foot space lines and 100 foot station intervals. Virtually the entire 90 claim block has an established grid except for isolated rugged areas. A map with the location of cut-lines (Map #1) is included with this report.

15.2: Geochemistry

The entire Oneida Maple Lake property was soil sampled along lines 400' apart. 'B' horizon samples were taken at 100' intervals.

Anomalous areas with repect to gold were sampled at 50 foot intervals on lines 200' apart. Bondar-Clegg of Ottawa screened the samples at -20 +80 mesh. The elements analized were gold, copper, lead, zinc and arsenic. Several gold anomalies were investigated and this led to the discovery of several large quartz vein systems. They will be discussed in Chapter 16 which is entitled Mineralization. All geochemical maps are included with this report (Maps 2, 3, 4 and 5).

15.3: Prospecting

Hundreds of man-days were employed in thorougly prospecting the Oneida Maple Lake property. The prospecting was conducted by Bill Miron, Henry Hyla, Fernando Costa and Jerry Kronig, all of whom are prospectors. Much prospecting was also conducted by the resident geological staff situated at the Oneida camp. The area north and east of the Peek-a-boo gold showing was subjected to most of the prospecting because this area was along strike of the Noranda-Central Crude Eagle River gold discovery.

15.4: Trenching

Approximately 18 trenches were excavated on the Oneida Maple Lake property, mainly to remove overburden which obscurred quartz veins, shear zones and zones of sulphide mineralization. Some trenches were needed to sample mineralization at depth. 'Borderline Trench' is the most noteworthy and parallels the eastern boundary for a distance of 1400'.

15.5: Geologic Mapping

The entire Oneida Maple Lake property was mapped during the summer of 1988. The result is the definitive lithologic map for the Maple

Lake area. The geologic map is the compound result of two months of work by G.Giga, P. McEachern and the author. Mapping was generally conducted along grid lines for control but much reconnaissance mapping took place using air photos for reference.

15.6: Geophysics

Geophysical surveys were carried out on selected grids situated on the Oneida Maple Lake property by H. Ferderber Geophysics Ltd. of Val d'Or during the winter of 1987-88. Final drafting was done by H. Ferdeber Geophysics Ltd. during February of 1988.

The magnetic survey was carried out using a GEM GSM-8 proton procession magnetometer with an accurracy of +/- 10 gammas. The VLF-EM survey was conducted with a Geonics EM-16. The geophysical surveys are itemized in the following:

Type of Survey	Grid	Total Distance
Magnetic survey GEM GSM-8	'G'	4.5 miles
Magnetic survey GEM GSM-8	'F'	5.0 miles
VLF-EM survey	'G'	4.5 miles
VLF-EM survey	'F'	5.0 miles
VLF-EM survey	'A'	3.3 miles
VLF-EM survey	'B'	3.5 miles

A total of 9.5 miles of magnetic surveys were conducted; VLF-EM surveys totaled 16.3 miles.

15.7: Outcrop Washing and Stripping

Approximately 100 man-days were employed in washing and stripping outcrops on the property. Three mineralized zones were washed, the most noteworthy is the 1400' long Borderline Trench situated along the eastern claim boundary adjacent to the Central-Crude Eagle River gold discovery.

15.8: Diamond Drill Program

A diamond drill program on the Oneida Maple Lake property was conducted from April 1988 to October of 1988 and consisted of 49 holes. In all, 15,943.5 feet of BQ core (1 7/16") was drilled. Drilling was conducted by Drillcor Ltd. and Olympic Drilling Ltd. both from Vancouver, B.C. Drill moves were helicopter supported. Table 1 summarizes the 1988 drilling program on the Oneida Maple Lake property. Complete drill logs are included in the Appendix. Map 7 provides the location of all drill holes. Map 8 is the drill plan for the Peek-a-boo showing.

Ch. 16: MINERALIZATION

16.1: Peek-a-boo

The Peek-a-boo gold showing is situated at approximately Line 8+00E, 4+00S on the 'G' grid of the Oneida Maple Lake property. The area was stripped and washed during the month of June to fully expose the gold-bearing quartz vein. The showing consists of a 4 to 24" wide rusty quartz vein which strikes 300^{0} and has a shallow dip to the NE. Three generations of quartz appear to be present. The first is grey chert adjacent to the footwall. White or blue (sugary) and clear quartz comprise the next two generations of quartz. It is unclear which of the two is older. Visible gold appears in the white or blue

Table 1 SUMMARY OF 1988 DIAMOND DRILL PROGRAM CONT.

HOLE #	LOCATION	DIP	BEARING	DEPTH	COLLARED/COMP.	CORE
088-26	28+00NW, 16SW	-45°	180°	300'	May 18-19, 1988	BQ
088-27	32+00E, 14+00N	-45°	360°	367'	May 20-22, 1988	BQ
088-28	32+00E, 14+00N	-65°	360°	537'	May 22-24, 1988	BQ
088-29	31+45E, 15+15N	-50°	180°	252'	May 25-26, 1988	BQ
088-30	20+20E, 13+80N	-45°	360°	302'	May 27-28, 1988	BQ
088-31	Chalced. Zone	-45°	360°	302'	May 29-30, 1988	BQ
088-32	8+50NW, 0+80SW	-45°	200°	502'	June 1-3, 1988	BQ
088-33	16+00NW, 27SW	-45°	360°	501'	June 4-11, 1988	BQ
088-34	24+00E, 28+00N	-45°	180°	427'	June 11-13, 1988	BQ
088-35A	31+00E, 17+00N	-45°	180°	501'	June 15-17, 1988	BQ
OY1-1	0+530NW, 0+170NE	-45°	200°	499'	June 5-8, 1988	BQ
OY1-2	0+890NW, 0+020NE	-50°	200°	599'	June 10-12, 1988	BQ
OY1-3	16+00NW, 9+15SW	-50°	220°	489'	June 14-16, 1988	BQ
OY1-4	4+00E, 31+00N	-50°	180°	599'	June 17-22, 1988	BQ
OY1-5	0+95NE, 0+260NW	-45°	200°	509'	June 23-25, 1988	BQ
OY1-6	38+55E, 11+50S	-45°	180°	499'	June 26-28, 1988	BQ
OY1-7	32+50E, 2+00S	-45°	180°	279'	June 29-July 1/88	BQ
OY1-8	36+00E, 6+70S	-45°	180°	469'	Aug. 8-10, 1988	BQ
OY1-9	40+40E, 16+85N	-45°	200°	467'	Aug. 10-12, 1988	BQ
ON-1-88	6+30W, 11+75N	-45°	180°	329'	Oct. 5-7, 1988	BQ
ON-2-88	6+30W, 11+75N	-65°	180°	419'	Oct. 8-10, 1988	BQ
ON-3-88	7+80W, 12+50N	-45°	180°	431'	Oct. 11-13, 1988	BQ
ON-4-88	9+00E, 0+75N	-45°	225°	437'	Oct. 13-16, 1988	BQ
ON-5-88	9+00E, 0+75N	-65°	225°	479'	Oct. 16-18, 1988	BQ

Table 1 SUMMARY OF 1988 DIAMOND DRILL PROGRAM CONT.

HOLE #	LOCATION	DIP	BEARING	DEPTH	COLLARED/COMP.	CORE
088-1	8+35E, 2+98S	-45^{0}	348^{0}	100'	Apr. 7-8, 1988	BQ
088-2	8+35E, 2+98S	-75^{0}	348^{0}	106'	Apr. 8, 1988	BQ
088-3	8+41E, 2+30S	-45^{0}	225^{0}	162'	Apr. 9-10, 1988	BQ
088-4	0+51SE, 0+42SW	-41^{0}	045^{0}	128'	Apr. 10-11, 1988	BQ
088-5	0+51SE, 0+42SW	-70^{0}	045^{0}	201'	Apr. 11-12, 1988	BQ
088-6	1+00SE, 0+40SW	-41^{0}	045^{0}	101.5'	Apr. 13-14, 1988	BQ
088-7	4+10NW, 0+100NE	-41^{0}	225^{0}	247'	Apr. 15-16, 1988	BQ
088-8	2+00NW, 1+00NE	-45^{0}	225^{0}	147'	Apr. 16-17, 1988	BQ
088-9	0+08NW, 1+62NE	-45^{0}	225^{0}	187'	Apr. 17-18, 1988	BQ
088-10	0+48SE, 0+47NE	-41^{0}	210^{0}	42'	Apr. 20, 1988	BQ
088-11	0+48SE, 0+47NE	-70^{0}	210^{0}	52'	Apr. 20, 1988	BQ
088-12	0+10SE, 2+90NE	-41^{0}	225^{0}	352'	Apr. 21-23, 1988	BQ
088-13	5+82SE, 0+65NE	-41^{0}	225^{0}	152'	Apr. 23-24, 1988	BQ
088-14	5+82SE, 0+65NE	-65^{0}	225^{0}	251'	Apr. 24-25, 1988	BQ
088-15	0+35W, 4+21S	-41^{0}	245^{0}	67'	Apr. 25, 1988	BQ
088-16	0+35W, 4+21S	-70^{0}	245^{0}	142'	Apr. 25-26, 1988	BQ
088-17	13+40N, 21+00E	-41^{0}	360^{0}	396'	Apr. 26-28, 1988	BQ
088-18	6+00W, 15+80N	-41^{0}	225^{0}	144'	Apr. 29-30, 1988	BQ
088-19	6+00W, 15+80N	-55^{0}	225^{0}	402'	Apr. 30-May 2/88	BQ
088-20	10+42E, 0+00	-45^{0}	225^{0}	396'	May 3-6, 1988	BQ
088-21	9+80E, 2+06S	-45^{0}	225^{0}	352'	May 6-8, 1988	BQ
088-22	8+00E, HS	-45^{0}	225^{0}	332'	May 10-11, 1988	BQ
088-23	28+00E, 10+00N	-45^{0}	180^{0}	302'	May 11-13, 1988	BQ
088-24	34+00E, 9+50S	-45^{0}	360^{0}	362'	May 13-15, 1988	BQ
088-25	30+50E, 4+47N	-45^{0}	180^{0}	302'	May 16-18, 1988	BQ

sugary quartz and is generally concentrated along pyrite-rich shear planes marked by green sericite. The shear planes contain 1 to 5% pyrite and minor amounts of bornite. Visible gold is also scattered throughout the sugary quartz, especially where the quartz is rusty coloured.

The footwall rock consists of finely laminated, light to medium grey metasediments(?). The hangwall appears to be green-grey in colour, fine grained, intermediate to mafic volcanic flows. The origin of the Peek-a-boo vein is contentuous and numerous hypotheses have been suggested by visitors to the site. Some believe that that the vein is related to numerous granitic intrusives in the vicinity; others have suggested that the vein is a quartz injection emplaced during isoclinal folding of the greenstone belt. The author proposes an exhalative origin due to its nonintrusive appearance and spatial association with cherty quartz and metasediments.

Fourteen holes were drilled in the Peek-a-boo area in order to test it at depth and along strike. Only three holes returned gold values. They are as follows:

Hole #	Dip	Width	Oz. Au/ton
088-3	-45^{o}	2.5'	0.095
088-9	-45^{o}	2.0'	0.327
088-12	-45^{o}	2.0	0.294

A fence drilling program was initiated in October of 1988 in order to intersect any gold mineralization between the Peek-a-boo Quartz Vein and the Catherine Vein situated 1600' to the north but results returned negative values.

16.2: Catherine Vein

The Catherine Vein is situated at approximately Line 12+00N, 7+00W on the 'G' grid of the Oneida Maple Lake property. The quartz vein was trenched in order to sample it at depth. The Catherine Vein consists of a 3 to 5' wide quartz vein which trends E-W for an exposed distance of 200'. The quartz vein consists dominantly of sugary white quartz with local bluish and rusty quartz zones. Some sections of the vein have a sheeted appearance. The host rock is a series of intermediate to mafic flows. Pyrite (1 to 4%) is the common sulphide mineral and is concentrated as stringers in the blue quartz. Pyrrhotite and chalcopyrite is also present in quantities of less than 1%. The Catherine Vein is striking in its similarity to the Peek-a-boo showing in terms of mineralogy.

The Catherine Vein is also interesting because it is situated along an E-W trending lineament which extends onto the Oneida Maple Lake property from the Norand-Central Crude propery. The area in the vicinity of the Catherine Vein was extensively prospected but results failed to find drill targets. A 4' wide pyrite-pyrrhotite iron formation (Catherine Sulphide Zone) was discovered 200' to the west and along strike. This sulphide zone was situated in an E-W trending shear zone (probably the same shear that hosts the Catherine Vein), and contained 1 to 4% chalcopyrite. All assays for both the Catherine Vein and the Catherine Sulphide Zone returned trace gold values.

Three holes were drilled on the Catherine Vein but all assays also returned trace gold values. The quartz vein appears to pinch-out at depth.

16.3: Right Boot Vein

The Right Boot Vein which is situated from Line 45+00 to 53+00W, 44+10N on the Oneida Maple Lake grid, was discovered while investigating a gold geochemical anomaly at 42+00N on Lines 44+00 and 48+00W. The 800' long quartz vein is not exposed over the entire strike length but has an average width of 1 to 3'. The vein has an E-W strike and dips steeply to the north. Much trenching was conducted along the strike length to remove overburden and to sample it.

The Right Boot Vein consists dominantly of glassy or white quartz with zones of blue or grey quartz. Some sections of the vein are rusty coloured and contain 1 to 3% pyrite, 1% chacopyrite and malachite. The host rock is a series of mafic flows and associated medium grained mafic intrusives. All assays returned trace amounts of gold and silver. One sample contained 0.58% copper. An intersting zone of hydrothermal alteration was discovered in the footwall rock at approximately Line 48+00W and warrants more study.

16.4: Borderline Trench

Borderline Trench is a 1400' long trench situated from 9+00N to 23+00N on Line 41+00E and is parallel to the eastern boundary of the Norana-Central Crude Eagle River property. Overburden along the claim boundary was removed and outcrops washed in order to study structural elements and the lithologic units in the area. The Borderline Trench was excavated with the hope of intersecting gold bearing horizons or interesting lineaments extending westward from the adjacent Eagle River gold discovery. Zones of interest include several iron formations, a 15' wide chlorite-talc shear zone and numerous sulphide rich horizons. No samples along the trench ran anomalous gold values. Diorite, the host rock for the Eagle River gold discovery was not encountered. The Borderline Trench area is underlain by a sequence of intermediate to mafic flows and porphyries.

One hole (OY1-9) was drilled at Line 40+40 W, 16+85 N, but all assays returned trace amounts of gold.

Ch. 17: RECOMMENDATIONS

Although prospecting and drilling results on the Oneida Maple Lake property during 1988 were generally disappointing, the author feels that there is a great deal of potential for economic gold deposits in the area. The Peek-a-boo gold showing indicates irrefutably that there is gold in the 'plumbing system' and there exists the possibility of a major ore body on the property.

Diorites similar in size to those which host the Noranda-Central Crude Eagle River gold discovery were not encountered on the Oneida Maple Lake property and therefore cannot be used as a guide for gold exploration. However, two distict E-W trending lineaments extend westward from the Eagle River property and it is possible that the lineaments are shears with dilatant quartz-filled zones or with gold-bearing horizons. Therefore, the author recommends a EM and magnetic survey for the eastern half of the property, especially in the areas of the Peek-a-boo showing and the Catherine Vein. In addition, an IP survey is necessary to enhance our understanding of the stratigraphy on the property. Should any favourable zones be encountered, diamond drilling is recommended.

Ch. 18: CERTIFICATE OF QUALIFICATIONS

I, Frank Pezzutto, of 669 Albert St. W., Sault Ste. Marie, Ontario, P6A 1C7, do hereby certify that:

1. I am a geologist employed by the Applegath Group of Companies.

2. I am a graduate of the University of Minnesota, Duluth, holding a Masters of Science degree in Geology (1988).

3. I have been practicing my profession as a geologist since 1985.

4. I do not have, nor do I expect to receive either directly or indirectly any interest in this property of Oneida Resources Inc.

Frank Pezzutto

Sault Ste. Marie, Ontario

Frank Pezzutto M. Sc.

Qual. 2.12387

Ch. 19: REFERENCES

Bennet, G., and Thurston, P.C., 1977: Geology of the Pukaskwa River-University River Area, Districts of Algoma and Thunder Bay; Ontario Division of Mines, GR 153, 60 p. Accompanied by Maps 2332 and 2333, scale 1: 63,360 or 1 inch to 1 mile.

Descarreaux, J., 1987: Geotechnical Report on the Maple Lake Property of Oneida Resources Inc., unpublished.

Scott, F., 1983: Report on an airborne geophysical survey on the Maple Lake property by Aerodat Ltd., unpublished.

Wolfe, W.J., 1976: Regional Geochemical Reconnaissance of Archean Metavolcanic-Metasedimentary Belts in the Pukaskwa Region, Ontario Ministry of Natural Resources, maps at 1:63,360.

Chapter 19: PERSONNEL

Frank Pezzutto
Geological Consultant
669 Albert St. W.
Sault Ste. Marie, Ontario
P6A 1C7

Herb Wahl
Geological Consultant
RR 4 Gower Point Road
Gibson, B.C.
VON 1V0

George Giga
Geologist
6954 Molson
Montreal, P.Q.
H2A 3K1

Ray Garvey
Geological Consultant
Toronto, Ontario

Peter MacEachern
Geologist
600 Boundary Road
Sault Ste. Marie, Ontario
P6A 5C6

P. Bud Harrington
Camp Manager
66 Fourth St.
Kirkland Lake, Ontario
P2N 1T1

Martyn S. Harrington
Geological Assistant and Mechanical Engineer
66 Fourth St.
Kirkland Lake, Ontario
P2N 1T1

P. Micheal Harrington
Geological Assistant
17 Foss Lane
Kirkland Lake, Ontario
P2N 1T1

Tracy Nixon
Geological Assistant
Sault Ste. Marie, Ontario

Tim Kelemen
Geological Assistant
#41 Point McKay Cresent
N.W. Calgary, Alberta
T3B 5C3

Phillipe Lemire
Geological Assistant
520 Place Juges de Noyer
Laval, Quebec
H7G 4X1

Gregory Wahl
Geological Assistant
RR 4 Gower Point Road
Gibson, B.C.
VON 1VO

Kelly Cross
Geological Assistant
9820 Ashwood Drive
Richmond, B.C.
V6Y 2Z6

W9005·055

Ministry of Northern Development and M[illegible]

Ontario

DOCUMENT No. W9005·055

2.131

42C04SE0004 2.13155 DAVID LAKES 900

Mining Act

Report of Work (Geophysical, Geological and Geoche[mical])

Type of Survey(s)	Mining Division	Township or Area
MAPPING / SOIL GEOCHEMISTRY	SSM	PILOT HARBOR / DAVID LAKE

Recorded Holder(s)	Prospector's Licence No.
~~ONEIDA RESOURCES INC.~~ PLACER DOME INC.	~~T 5022~~ T.837

Address	Telephone No.
188 PERREAULT, VAL D'OR, QUEBEC J9P 2H5	(819) 825-4343

Survey Company
ONEIDA RESOURCES INC.

Name and Address of Author (of Geo-Technical Report)	Date of Survey (from & to)
F. PEZZUTTO, 669 ALBERT ST.W., SAULT STE.MARIE, ONT. P6A 1C7	01 Day 06 Mo. 88 Yr. / 30 Day 10 Mo. 88 Yr.

Credits Requested per Each Claim in Columns at right

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

Total miles flown over claim(s).

Date	Recorded Holder or Agent (Signature)
05/03/90	Zoran Madon

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Mining Claim Prefix	Number	Mining Claim Prefix	Number
	see attached list:				
	ONEIDA RESOURCES -				
	MAPLE LAKE PROPERTY				

RECEIVED
MAR 16 1990
MINING LANDS SECTION

RECORDED
MAR 8 1990
Receipt No.

Total number of mining claims covered by this report of work. 90

Certification Verifying Report of Work

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

Name and Address of Person Certifying			
Z. MADON 188 PERREAULT, VAL D'OR, QUEBEC J9P 2H5	Telephone No. (819)825-4343	Date 05/03/90	Certified By (Signature) Zoran Madon

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
5,400	March 8/90.	[signature]
	Date Approved as Recorded	Provincial Manager, Mining Lands
	See revised work statement	

Received S[tamp]
SAULT STE. MARIE MINING DIV.
RECEIVED
MAR - 8 1990
A.M. P.M.
7,8,9,10,11,12,1,2,3,4,5,6

1362 (89/06)

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894394	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894395	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894399	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894400	1
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MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946929	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946930	1

03/03/90 ONEIDA RESOURCES - MAPLE LAKE PROPERTY

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946931	1
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MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946995	1

90*

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

Tel: (416) 965-4888

Your File: W9005.055
Our File: 2.13155

June 6, 1990

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

Dear Sir/Madam:

Re: Notice of Intent dated May 2, 1990 for Geological and Geochemical Survey submitted on Mining Claims SSM 894394 et al in the Pilot Harbour/David Lakes.

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
Provincial Manager, Mining Lands
Mines & Minerals Division

JS:zm
Encl:

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

Placer Dome Inc.
Val D'Or, Quebec

Resident Geologist
Wawa, Ontario

F. Pezzutto
Sault Ste. Marie

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File
2.13155

Date	Mining Recorder's Report of Work No.
May 2, 1990	W9005.055

Recorded Holder
PLACER DOME INC.

Township or Area
PILOT HARBOUR & DAVID LAKES

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	See attached list
Electromagnetic ______ days	
Magnetometer ______ days	
Radiometric ______ days	
Induced polarization ______ days	
Other ______ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ______ days	
Geochemical 17.7 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

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ insufficient technical data filed

SSM 946929 to 932 incl.

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

828 (85/12)

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894394	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894395	1
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MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946875	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946876	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946877	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946878	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946879	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946880	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946881	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946882	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946889	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946890	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946891	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946892	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946893	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946894	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946895	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946896	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946897	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946898	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946899	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946900	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946901	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946902	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946903	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946915	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946916	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946917	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946918	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946919	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946920	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946921	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946922	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946923	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946924	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946925	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946926	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946927	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946928	1

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946947	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946948	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946949	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946950	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946951	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946952	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946953	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946954	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946955	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946956	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946957	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946958	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946959	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946960	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946961	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946962	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946963	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946964	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946979	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946980	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946981	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946982	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946983	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946984	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946985	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946986	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946987	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946988	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946989	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946990	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946991	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946992	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946993	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946994	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946995	1

90*

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File
2.13155

Date	Mining Recorder's Report of Work No.
May 2, 1990	W9005.055

Recorded Holder: PLACER DOME INC.

Township or Area: PILOT HARBOUR/DAVID LAKES

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM 894394-95, 894399, 894401, 894403-4
Electromagnetic ____ days	946869 to 879 incl.
Magnetometer ____ days	946881-2, 946889-90, 946892
Radiometric ____ days	946894 to 897 incl., 946901-2
Induced polarization ____ days	946917 to 921 incl., 946924, 946926
Other ____ days	946929, 946931, 946947 to 955 incl.
Section 77 (19) See "Mining Claims Assessed" column	946957-8, 946960 to 963 incl.
Geological 40 days	946979 to 982 incl., 946984 to 987 incl.
Geochemical ____ days	946990 to 995 incl.
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

30 days geological - SSM 946903, 946925, 946959, 946983

20 days geological-SSM 894402, 946880, 946891, 946898, 946916, 946923, 946964, 946988.

10 days geological - SSM 894400, 946899, 946930, 946932, 946956, 946989.

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ insufficient technical data filed

SSM 946893, 946900, 946915, 946922, 946927, 946928

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

626 (85/12)

Ministry of Northern Development and Mines
Ontario

Mining Act

Report of Work
(Geophysical, Geological and Geochemical Surveys)

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

Type of Survey(s)	Mining Division	Township or Area
MAPPING / SOIL GEOCHEMISTRY	SSM	PILOT HARBOR / DAVID LAKE

Recorded Holder(s): ONEIDA RESOURCES INC. **2.13155**

Prospector's Licence No.: T5022

Address: 188 PERREAULT, VAL D'OR, QUEBEC J9P 2H5

Telephone No.: (819) 825-4343

Survey Company: ONEIDA RESOURCES INC.

Name and Address of Author (of Geo-Technical Report): F. PEZZUTTO, 669 ALBERT ST. W., SAULT STE. MARIE, ONT. P6A 1C7

Date of Survey (from & to): 01 06 88 — 30 10 88 (Day Mo. Yr. Day Mo. Yr.)

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:	- Other	
Enter 20 days (for each)	Geological	40
	Geochemical	20
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Other	

Total miles flown over claim(s).

Date: 05/03/90 — Recorded Holder or Agent (Signature): Zoran Madon

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Mining Claim Prefix	Number	Mining Claim Prefix	Number
	See attached list:				
	ONEIDA RESOURCES				
	MAPLE LAKE PROPERTY				

RECEIVED
MAR 06 1990
MINING LANDS SECTION

Total number of mining claims covered by this report of work: 90

PY

Certification Verifying Report of Work

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

Name and Address of Person Certifying: Z. MADON 188 PERREAULT, VAL D'OR, QUEBEC J9P 2H5

Telephone No.: (819)825-4343 — Date: 05/03/90 — Certified By (Signature): Zoran Madon

Received Stamp

For Office Use Only

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

1362 (89/06)

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO		C G	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894394	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894395	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894399	-½	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894400	-¼	-¾	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894401	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894402	-½	-½	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894403	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 894404	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946869	-¼	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946870	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946871	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946872	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946873	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946874	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946875	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946876	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946877	-¼	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946878	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946879	-¼	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946880	-½	-½	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946881	-½	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946882	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946889	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946890	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946891	✓	-½	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946892	✓	✓	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946893	-¼	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946894	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946895	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946896	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946897	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946898	-½	-½	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946899	✓	-¾	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946900	-¾	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946901	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946902	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946903	-¼	-¼	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946915	-½	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946916	✓	-½	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946917	✓	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946918	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946919	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946920	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946921	-½	✓	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946922	-½	0	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946923	0	-½	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946924	-½	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946925	✓	-¼	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946926	✓	✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946927	-¼	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946928	-½	0	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946929	0	✓	1
MAPLE LAKE	SSM	DAVID LAKE	SSM 946930	0	-¾	1

PROJ NAME	MINE DISTR	TOWNSHIP	TAG NO	#OF CLAIMS
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946931 0 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946932 0 -3/4	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946947 -1/2 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946948 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946949 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946950 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946951 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946952 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946953 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946954 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946955 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946956 -3/4 -3/4	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946957 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946958 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946959 -1/4 -1/4	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946960 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946961 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946962 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946963 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946964 -1/2 -1/2	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946979 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946980 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946981 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946982 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946983 -1/4 -1/4	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946984 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946985 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946986 -1/4 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946987 -1/2 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946988 ✓ -1/2	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946989 -1/2 -3/4	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946990 ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946991 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946992 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946993 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946994 ✓ ✓	1
MAPLE LAKE	SSM	PILOT HARBOUR	SSM 946995 ✓ ✓	1

Pr. 11 3/4 90*

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

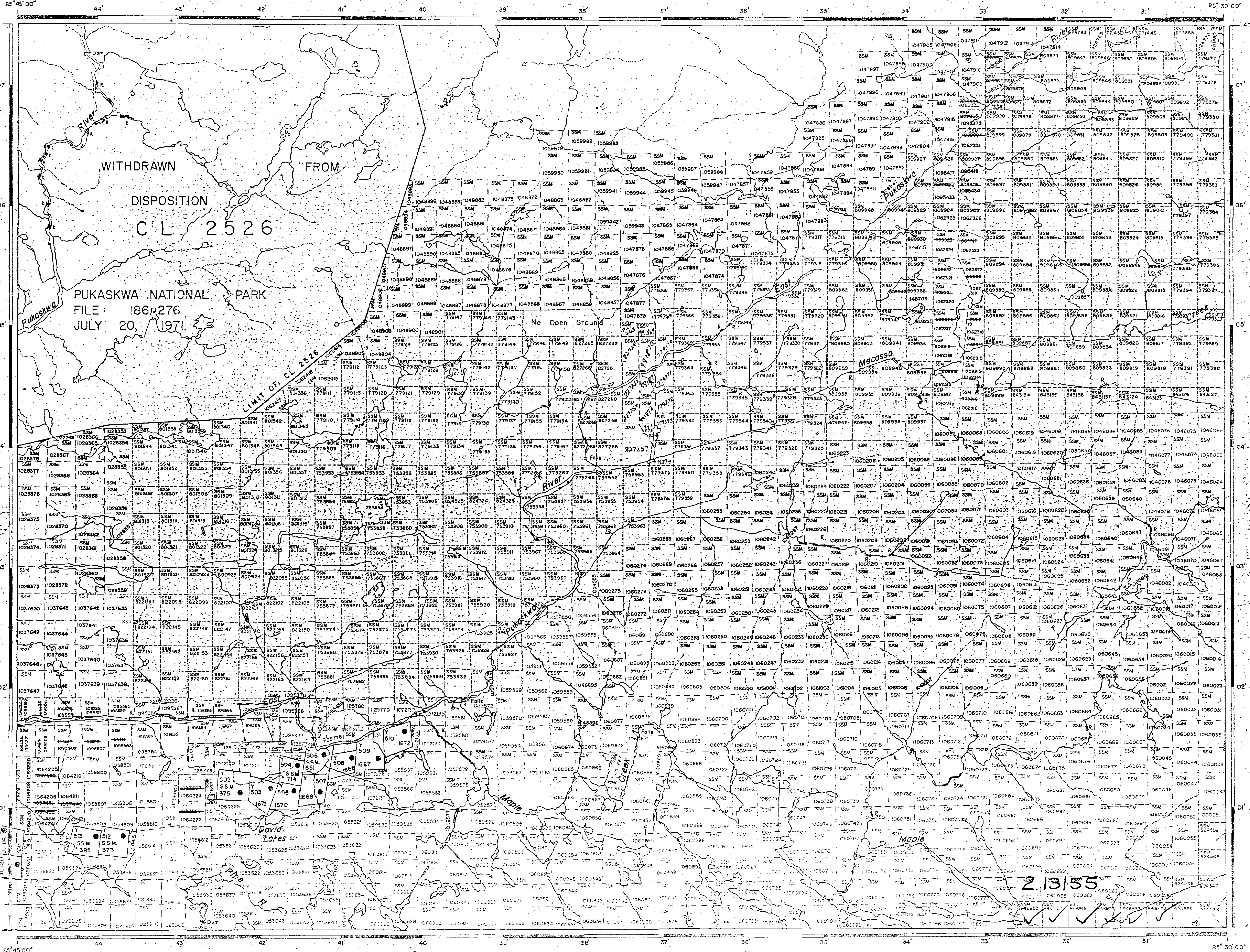
M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R)	W SSM 6/89 NER	JULY 31, 1989	MINING AND SURFACE RIGHTS	
	O SSM 6/89 NER	AUGUST 16, 1989	MINING AND SURFACE RIGHTS	

42C04SE0004 2.13155 DAVID LAKES

MAR 25

200



REFERENCES

MAY 4
SAULT STE. MARIE
MINING RECORDER'S OFFICE

LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	◓
MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	⬒
MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	(R)
CANCELLED	⊗
SAND & GRAVEL	(S)

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

SCALE: 1 INCH = 40 CHAINS

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

AREA
DAVID LAKE

M.N.R. ADMINISTRATIVE DISTRICT
WAWA

MINING DIVISION
SAULT STE. MARIE

LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

Date DECEMBER, 1986

Number G-3765

NOTES

LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKING BY ORDER OF COUNCIL, DATED APRIL 30, 1912.

LEGEND

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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

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

AREA

PILOT HARBOUR

M.N.R. ADMINISTRATIVE DISTRICT

WAWA

MINING DIVISION

SAULT STE. MARIE

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

Ministry of Natural Resources — Ministry of Northern Development and Mines — Ontario

Date JULY 1986

Number G-2700

TUNDRA GOLD MINES

ONEIDA RESOURCES

MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT

PROPERTY GRID MAP
SHOWING
CLAIMS

WORK BY: G. GIGA, F. PEZZUTO		SCALE: 1" = 500 ft
DATE: AUG./88	DRWN: K.B.C.	MAP NO.: 1 of 8

220


TUNDRA GOLD MINES
ONEIDA RESOURCES
MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT.
2.13155
SOIL GEOCHEMISTRY
GOLD IN PPB
WORK BY: G. GIGA, F. PEZZUTO
SCALE: 1" = 500 ft
DATE: AUG./88
DRWN: K.B.C.
MAP NO: 2 of 8
FT. 200 100 0 50 100 200 300 400 500 600 FT.
Scale : 1" = 500'
LEGEND
GRID "A"
GRID "B"
GRID "C"
GRID "E"
GRID "G"
SNOOPY L.
HORSESHOE L.
MAPLE L.
ONEIDA L.
BORDER L.
PUMP L.
MIPON
230

SNOOPY L.
HORSESHOE L.
MAPLE L.
ONEIDA L.
BORDER L.
PUMP L.
MIRON L.
GRID "A"
GRID "B"
GRID "C"
GRID "E"
GRID "F"
GRID "G"
LEGEND
FT. 200 100 0 50 100 200 300 400 500 600 FT.
Scale : 1" = 500'
TUNDRA GOLD MINES
ONEIDA RESOURCES
MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT.
2.13155
SOIL GEOCHEMISTRY
LEAD IN PPM
WORK BY: G.GIGA, F PEZZUTO
SCALE: 1" = 500 ft
DATE: AUG./88
DRWN: K.B.C.
MAP NO: 3 of 8
240


TUNDRA GOLD MINES
2.13155
ONEIDA RESOURCES
MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT.
SOIL GEOCHEMISTRY
ZINC, COPPER IN PPM
WORK BY: G. GIGA, F. PEZZUTO
SCALE: 1" = 500 ft
DATE: AUG/88
DRAWN: K.B.C.
MAP NO. 4 of 8
LEGEND
43, 29 ZINC (ppm), COPPER (ppm)
GRID "A"
GRID "B"
GRID "C"
GRID "E"
GRID "G"
SNOOPY L.
HORSESHOE L.
MAPLE L.
ONEIDA L.
BORDER L.
250


GRID "A"
GRID "B"
GRID "C"
GRID "E"
GRID "F"
GRID "G"
SNOOPY L.
HORSESHOE L.
MAPLE L.
ONEIDA L.
BORDER L.
MIRON L.
PUMP L.
LEGEND
TUNDRA GOLD MINES
ONEIDA RESOURCES
MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT
GEOCHEMISTRY SURVEY
2.13155
ARSENIC IN P.P.M
WORK BY: G.GIGA, F.PEZZUTO
SCALE: 1" = 500 ft
DATE: AUG./88
DRWN: K.B.C.
MAP NO: 5 of 8
260

LEGEND

10	KEWATIN VOLCANICS	
9	DORE SERIES SEDIMENTS	
8	DIABASE	
7	BATHOLITHIC ROCKS	a) GRANITES & GNEISS b) MIGMATITES
6	FELSIC INTRUSIVES	a) PORPHYRITIC DIORITE b) GRANODIORITE c) SYENITE d) MAFIC DIORITE
5	BASIC ; ULTRAMAFIC INTRUSIVES	a) GABBRO, DIORITE b) PERIDOTITE, KIMBERLITE, LAMPROPHYRE
4	POLYMICTIC CONGLOMERITE	
3	SEDIMENTS	a) GREYWACKE, SLATE b) SLATE ARGILLITE c) IRON FORMATION d) ARKOSE
2	FELSIC-INTERMEDIATE VOLCANICS	a) FLOWS b) PORPHYRITIC c) TUFF-AGGLOMERATE (chl. rich & occasionally mafic) d) RHYODACITE
1	INTERMEDIATE MAFIC VOLCANICS	a) MASSIVE FLOWS, ASH TUFF b) PILLOWED c) AMPHIBOLITE (mafic metadronite) d) SCHISTOSE e) CARBONITIZED f) SILICIFIED

TUNDRA GOLD MINES

ONEIDA RESOURCES

MAPLE LAKE PROJECT

PILOT HARBOUR AREA, ONT.

2.13155

GEOLOGY

WORK BY: G. GIGA, F. PEZZUTO	SCALE: 1" = 500 ft
DATE: AUG./88	DRWN: K.B.C.
MAP NO: 6 of 8	

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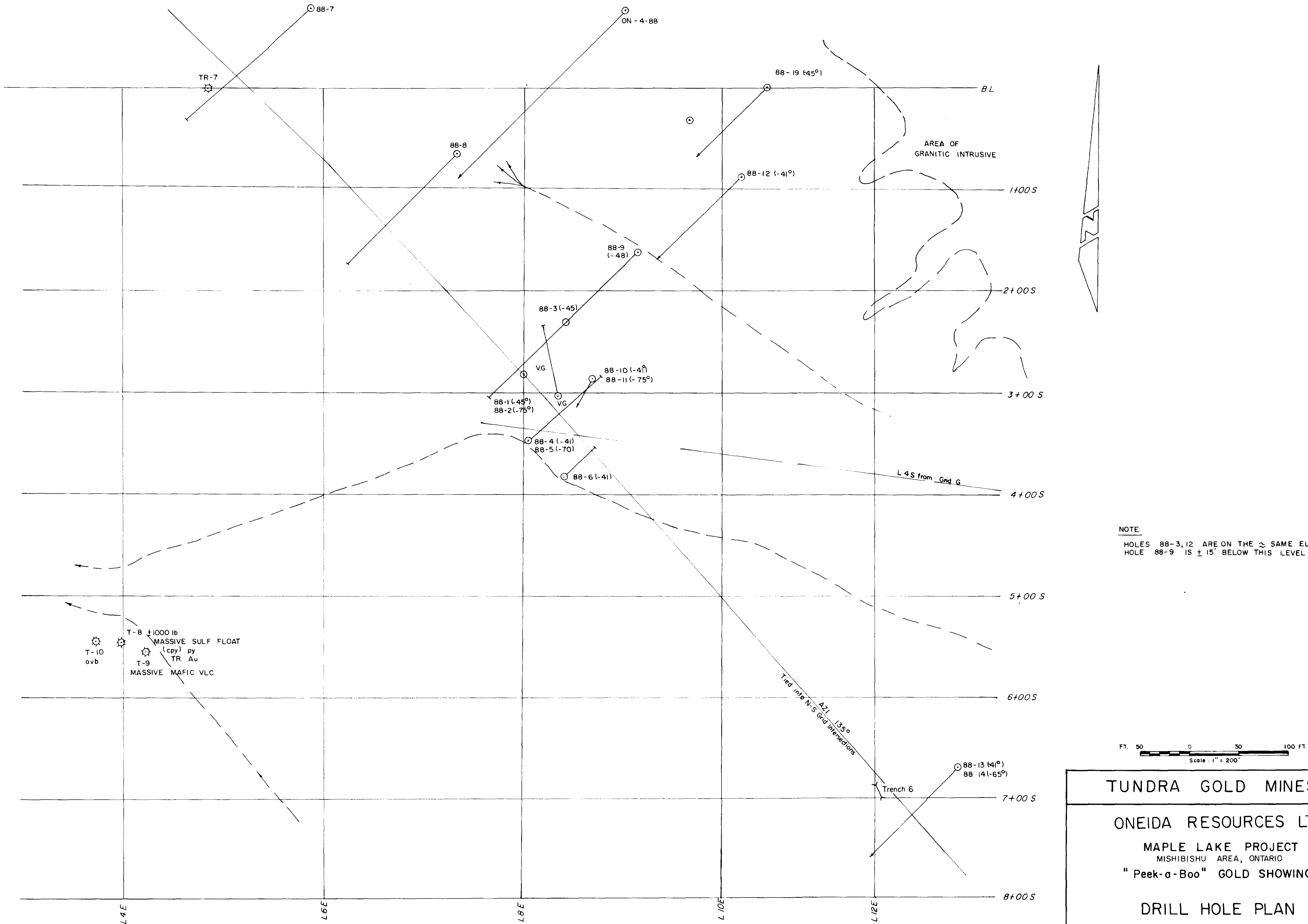
TUNDRA GOLD MINES
ONEIDA RESOURCES
MAPLE LAKE PROJECT
PILOT HARBOUR AREA, ONT
2.13155
DIAMOND DRILL HOLE LOCATION
WORK BY: G GIGA, F PEZZUTO
SCALE: 1" = 500 ft
DATE: AUG./88
DRWN: K.B.C.
MAP NO: 7 of 8
LEGEND
88-12-45° DIAMOND DRILL HOLE & DIRECTION
CAMP
4960 SAMPLE NO.
NOTE: SEE MAP NO. 8 FOR HOLES 88-1 TO 88-12
GRID "A"
GRID "B"
GRID "C"
GRID "E"
GRID "F"
GRID "G"
SNOOPY L.
HORSESHOE L.
MAPLE L.
ONEIDA L.
BORDER L.
MIRON No. 7 CAMP
MIRON No. 2 CAMP
MIRON CAMP #4
MIRON CAMP No. 3
MIRON No. 8
280



NOTE:
HOLES 88-3, 12 ARE ON THE ≈ SAME ELEVATION
HOLE 88-9 IS ± 15' BELOW THIS LEVEL

TUNDRA GOLD MINES

ONEIDA RESOURCES LTD.

MAPLE LAKE PROJECT
MISHIBISHU AREA, ONTARIO
" Peek-a-Boo" GOLD SHOWING

DRILL HOLE PLAN
2.13155

WORK BY: H. WAHL		SCALE: 1: 200'	
DATE: NOV./88	DN. K.B.C.	MAP NO. 8 of 8	