REPORT ON
PROSPECTING AND GEOLOGY
ON THE COTE-ANGLE LAKE PROPERTY
McCOMBER TOWNSHIP, ONTARIO
LATITUDE 49* 38'
LONGITUDE 87* 52'

November 10, 1997

Robert L. Cote

CONTENTS

SUPPORTING DOCUMENTS

Abstracts

Statement of Costs

Invoices

- Marc's Backhoe Service
- Accurassay Labs
- Chemex Labs Limited
- Chaltrek
- Sheldon Reproduction Centre Ltd.

MAPS (See Back Pocket)

Propsecting Maps #7 and #7A

Geology Map #8
Angle Lake Outcrops

Trench Geology Map #9

LISTING OF MAPS BY NAME AND NUMBER

2.18111

PROSPECTING OR RELATED EXPERIENCE AND TRAINING

I have had continuous prospecting experience from 1958 until the present time.

From 1958 until 1966, Neil Smith (well respected prospector and miner in the Jellicoe area) trained me in the field as a prospector. From 1966 until present, I worked as an independent prospector in the Beardmore-Geraldton belt.

In 1991, I attended a certified Basic Prospecting Course sponsered by MNDM.

In 1993, I attended a certified Advanced Prospectors' Course also sponsered by MNDM.

In 1994, I attended a certified Blasting Course sponsered by MOL.

The above courses were held in Beardmore.

In 1995 nd 1996, I worked closely with P. Lassila, Consulting Geologist, who was responsible for the mapping of claim blocks for my 1995 and 1996 OPAP projects.

In August 1995 and also in August 1996, G.M. Stott and J.R. Parker of the Ontario Geological Survey made a property visit to the Cote-Miner Lake Property in Pifner Township. That property visit was very educational.

From 1991 to 1997, I attended the Northwestern Ontario Mines and Minerals Symposiums held in Thunder Bay.

2.18111

INTRODUCTION

In 1996, intensive prospecting was conducted over half of the property. Zones 2, 3 and 4 were thoroughly checked for the presence of mineral deposits. Much of the property is heavily covered with underbrush which made intensive propspecting necessary.

A grid was constructed at the same time as the prospecting was done. Flagged lines were spaced 100 meters apart. Stations were marked at 50 meter intervals for control.

The prospecting was followed by backhoe stripping and trenching. Marc's Backhoe Service of Jellicoe, Ontario was the contractor. He used a rubber-tired backhoe for mechanical stripping at seven (7) locations.

This was followed by a mapping program conducted by geologist, Pentti Lassila, assisted by property owner, Robert Cote.

In 1997, a similiar program was conducted to the west of the above zones. Zones 5, 6 and 1W were intensely prospected due to heavy underbrush and moss covered outcrops.

A grid was constructed at the same time as the prospecting was done. Flagged lines were placed 100 meters apart. Stations were marked at 50 meter intervals for better control. Geological mapping occured at the same time. The mapping was done by property owner, Robert Cote.

The first fourteen (14) days were spent prospecting, flagging and mapping Zones 5 and 6. This was followed by backhoe stripping and trenching at seven (7) different locations (TR6, TR7, TR8, TR9, TR10, TR11 and part of TR1). The contractor was Marc's Backhoe Service of Jellicoe, Ontario.

This was followed by a program of washing and geological mapping of the trenches by property owner, Robert Cote.

TIMBER

See Prospecting Map.

SOIL

See Prospecting Map.

PROPERTY

In 1996, the Cote-Angle Lake Property consisted of one six-unit claim - TB1195655 - which is 100% owned by Robert Cote. The property is located in the northwest corner of McComber Twp., Ontario, Claim Map G-166.

After the 1996 gold discovery in this unit, the property has been extended. One two-unit claim block, TB1224925, was staked to the west of the original property and one two-unit claim block, TB1224926, was staked to the east of the original claim. This occured during the fall of 1996.

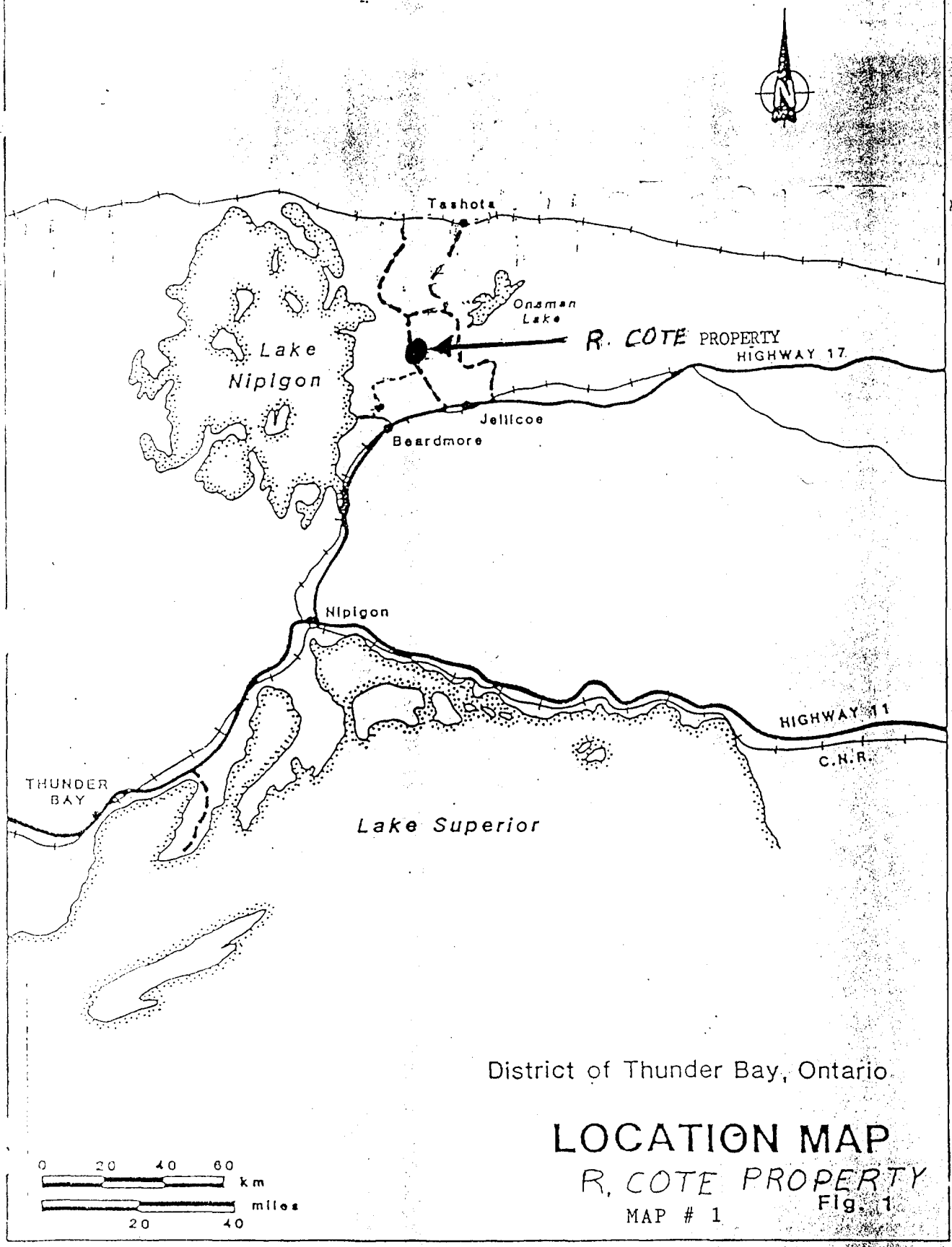
The property was further extended to the east during the winter of 1997 when a twelve-unit claim block, TB1224929, was staked. One four-unit claim block, TB1215776, also extended the property to the north during the winter months.

The new claim blocks are 100% owned by Robert Cote.

LOCATION

The Cote-Angle Lake Property - claims TB1195655, TB1224925, TB1224926, TB1224929 and TB1215776 - is located in the northwest corner of McComber Twp. The northern claim line crosses the southern part of Angle Lake in the Thunder Bay Mining District. McComber Twp., is located 200 km. northeast of Thunder Bay on Hwy. 11. The western claim line is 6 km. east of the Township of Beardmore.

See Location Maps #1 and #1A.



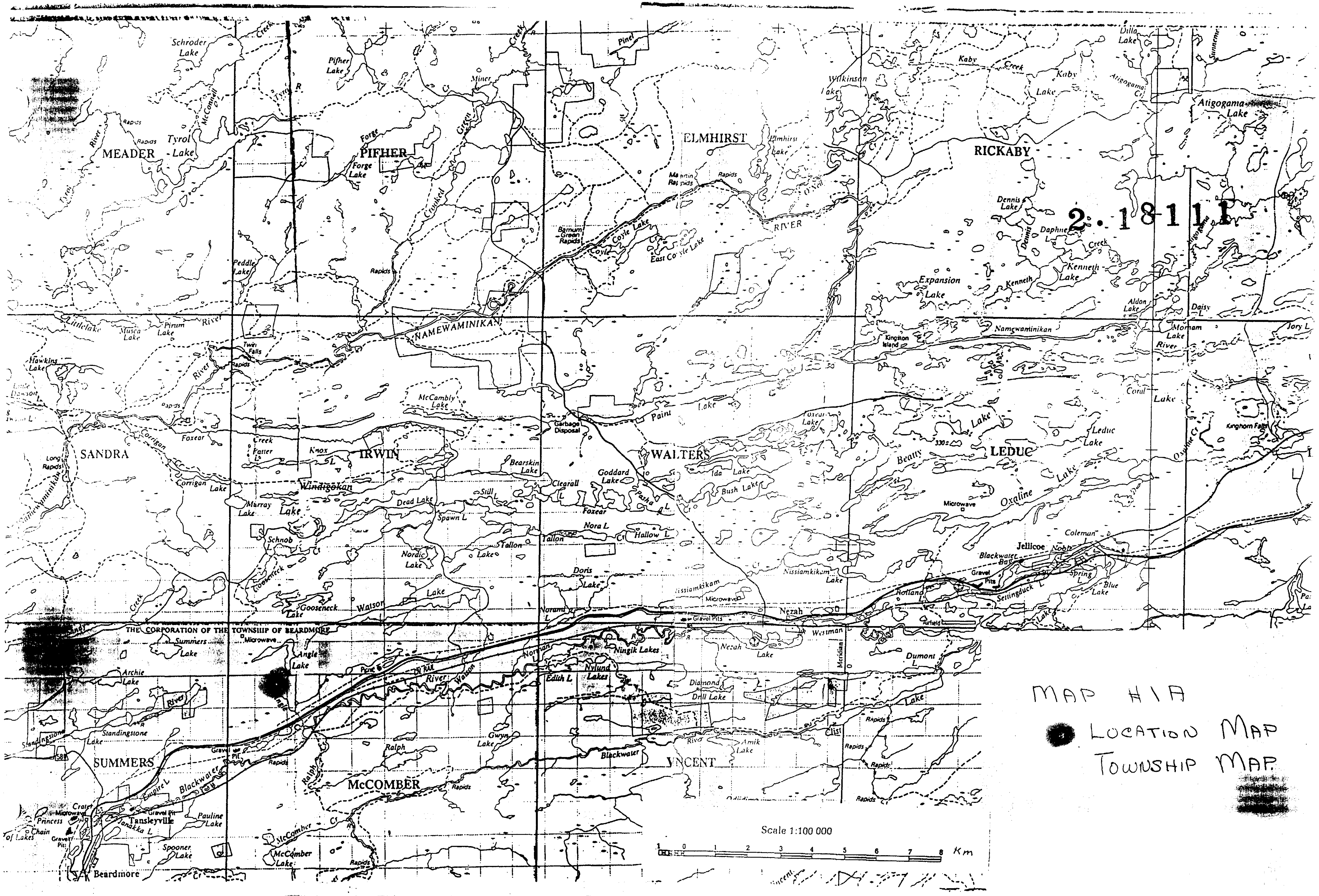
District of Thunder Bay, Ontario

LOCATION MAP

R. COTE PROPERTY

MAP # 1

Fig. 1



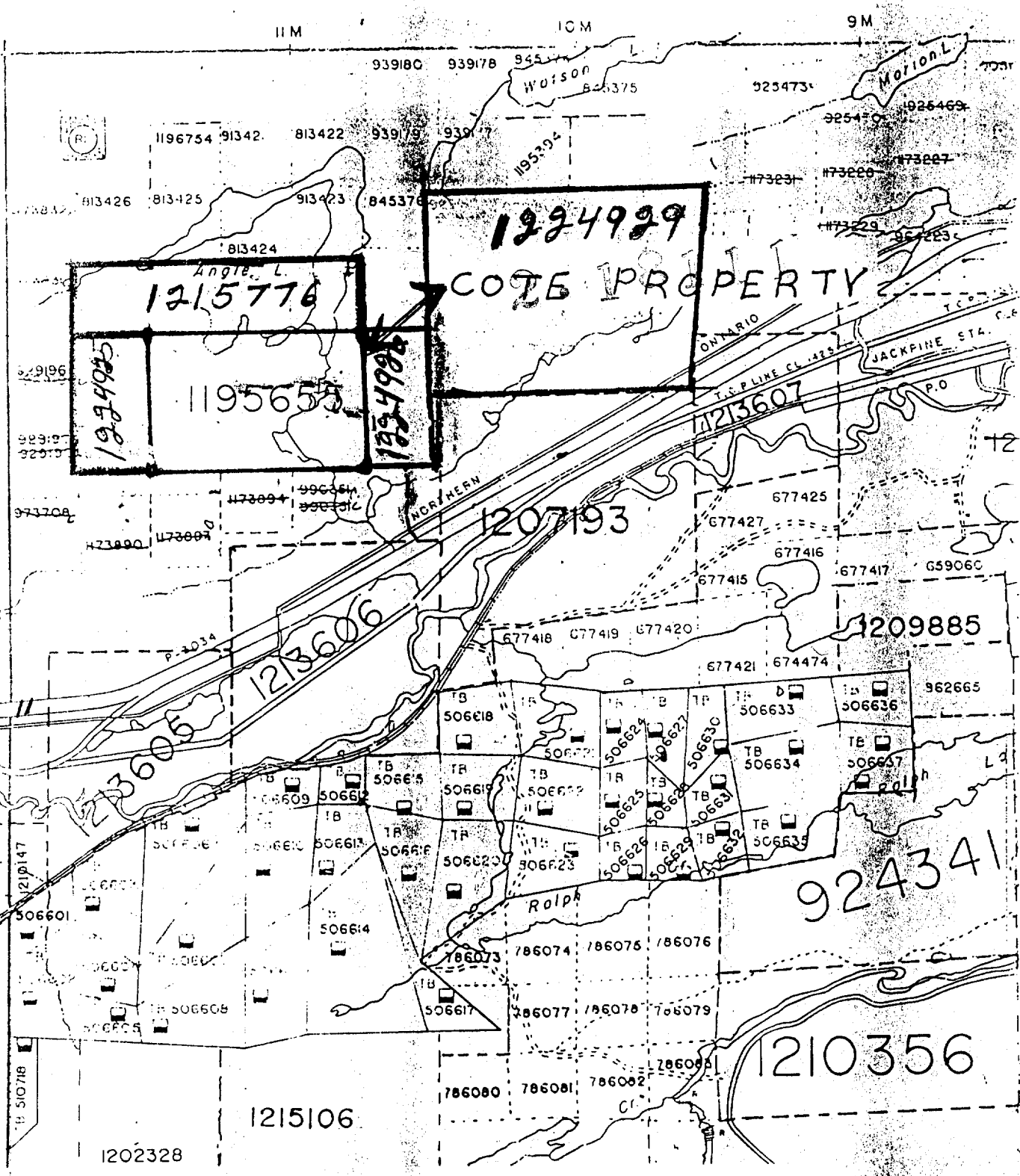
MAP #1A

• LOCATION MAP

TOWNSHIP MAP

ACCESS

The claims are situated northeast of Beardmore on Highway 11. Beardmore is located two hundred (200) km northeast of the city of Thunder Bay (See Map #1). Travel east on Hwy. 11 for approximately nine (9) km. east of Beardmore. From this point, the claims can be reached by four-wheeled bike by travelling north on an old bush road for approximately one (1) km. The eastern line of the claim crosses this road. (See Map #2).



SUMMERS TWP G-165

ACCESS MAP

MAP # 2

MAP # 2

PREVIOUS WORK

Four old trenches that look to have been dug manually, give evidence of past work on these claims (TB1195655). They may date back to the late 1930's but there is no record of these trenches at the MNDM office in Thunder Bay.

In 1962, Don McLeod staked a total of 20 claims in the Angle Lake and Watson Lake area. The claim numbers 287424, 287189 and 287188 form the northern section of the present claim TB1195655. There is no record of work being done on the present Cote-Angle Lake property. Line cutting and magnetometer survey were done on the remaining cla.ims staked by Don McLeod.

In 1963, Harold O. Seigel, Ph.D., P.Eng. performed a geophysical survey on the original twenty (20) claim group. This was followed by three (3) diamond drill holes to the north and north-east of the present Cote-Angle Lake property.

In 1988, Terraquest Ltd. of Toronto performed an airborne magnetic and VLF-EM survey of McComber, Irwin and Summers Townships for Coulson Exploration Inc. This survey covered the area that is now claim TB1195655. It identified a VLF in the south eastern portion of the property. A magnetic iron formation was shown to run through the centre of the present property.

In 1991, Richard MacAdam performed an OPAP project in the southeastern portion of the property. His claims #1166636, 1140440 and 1022376 form one-half of the present Cote-Angle Lake property. Prospecting, stripping and trenching and sampling were done as part of this 1991 OPAP program.

The airborne magnetic and VLF-EM survey performed for Coulson Explorations Inc. indicate that the area just southwest of MacAdam's 1991 project could be significant and should be investigated further.

In 1994, during the staking process, I took five (5) grab samples of quartz-arsenopyrite mineralization from the magnetite-jaspilitic iron formation. One sample assayed 0.33 ounce gold per ton and 0.1 ounce silver per ton.

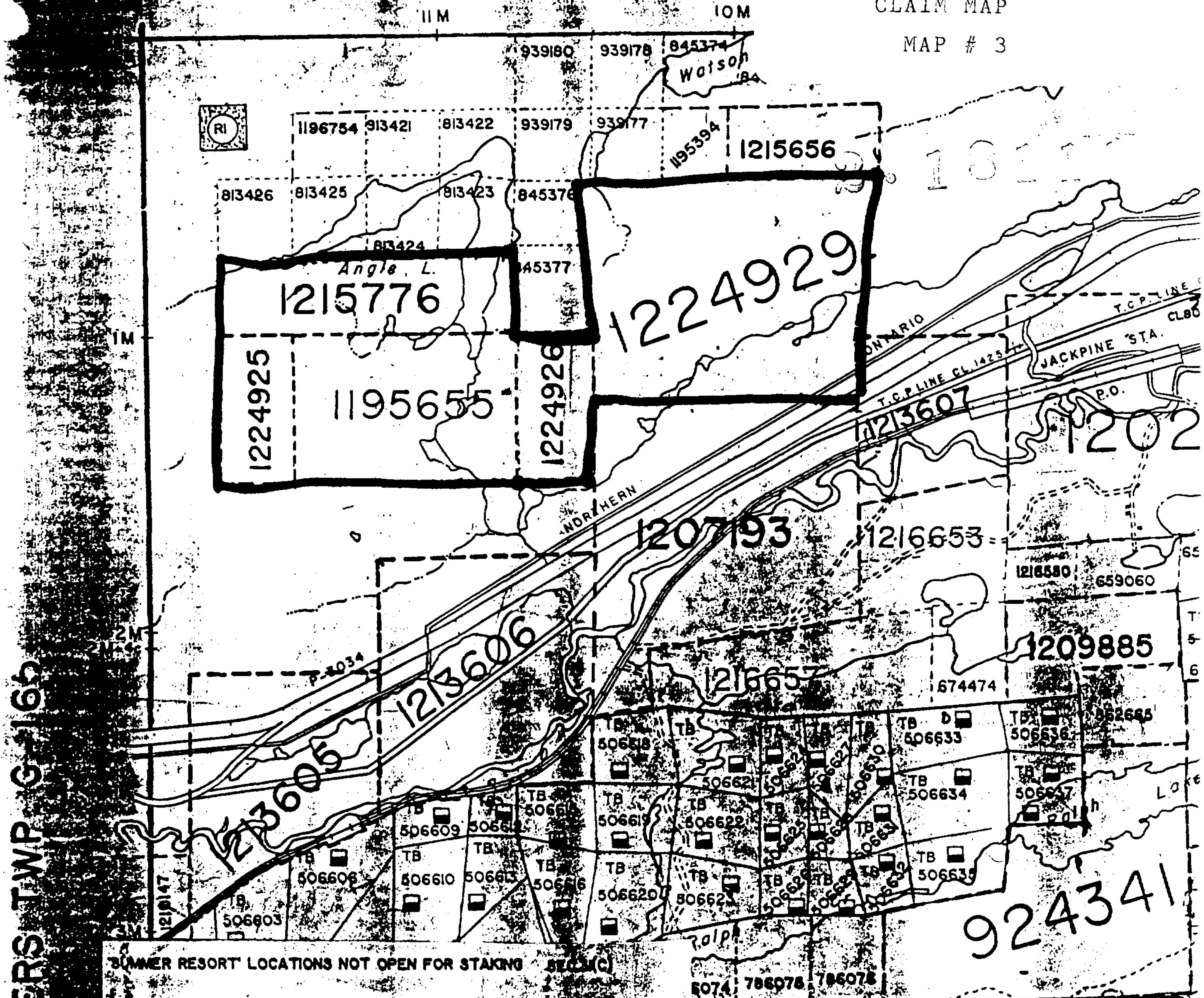
Number

G-166

IRWIN TWP G-164

CLAIM MAP

MAP # 3



"SUMMER RESORT" LOCATIONS NOT OPEN FOR STAKING SEC.(C)

R. SEC.36/80 W.29/83 20/10/83 S.R.O. FILE 188528

See Gathering Lake Landroll

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

INTO SERVICE NOV. 22/89

DATE OF ISSUE

OCT 1 7 1997

PROVINCIAL RECORDING OFFICE - SUDBURY

TOWNSHIP

McCOMBER

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

GEOLOGY: REGIONAL, LOCAL and PROPERTY

REGIONAL GEOLOGY

McComber Township is underlain by Archean and Proterozoic rocks of the Wabigoon subprovince of the Superior Province (Precambrian Shield). The Archean rocks comprise metavolcanics, metasediments, metagabbroic sills and quartz and/or feldspar porphyies. Diabase dikes, which cut the metavolcanics and metasediments, may be late Archean or Early Proterozoic in age.

The metavolcanics comprise mafic to intermediate flows and tuffs, which form a belt vaying in width from 2 to 2.5 km and trend northeasterly diagonally across the central part of the township, and a wedge-shaped mass one km wide at its widest part in the northwestern corner of the township. The rocks consist mainly of mafic flows varying from 15 to 25 m in thickness, on the basis of measurements made on flows farther to the east in adjoining Vincent township. The flows are dark green to greenish black in colour, and typically consist of a massive medium-grained basal part, a finer grained middle portion, and a fine-grained to aphantic upper part, which may be pillowed, amygdaloidal, and/or variolitic. The varioles are of the liquid-immiscibility, apherulitic-crystallization type and now are recrystallized. The upper parts of the flows are normally foliated to schistose. The pillows are flattened in the plane of the folliation and are too deformed to be used for facing directions, although selvedges can be observed. The tuffaceous rocks comprise tuff and tuff breccia. M. Carter (1985) mapped McComber Township on behalf of the Ontario Geological Survey and produced map P.2853.

The metasedimentary sequence consists of both clastic and chemical metasediments. These rocks form two northeast trending belts, and occur to the northwest and southeast of the central mafic metavolcanic belt. They are homoclinal in both areas: the northern belt is about 3.4 km thick, the southern belt is in excess of 5.4 km thick, and extends southwards beyond the map area. The clastic metasediments consist predominantly of wackes with minor intercalated sittstone and mudstone. Graded, 8 to 28 cm thick wacke beds consist of a light grey arenaceous lower part and a dark grey pelitic upper part. In many places, these graded beds and other primary structures, including flame structures, ball structures and rip-up structures, are well preserved. Chemical metasediments comprise ironstone units 1 to 2 m. thick, which consist of alternating bands of almost pure hematite and magnetite, whitish grey recrystallized chert, jasper, and grunerite occurring as a fibrous radiating iron amphibole. The bands range in thickness from 4 to 10 mm. These ironstone units are interlayered

with both the metasediments and mafic metavolcanics, but are more abundant in the mafic metavolcanic belt. (M. Carter, 1985).

Lensoid northeast-trending, medium to coarse-grained metagabbroic sills up to 1.7 km long and 100 m wide intrude the metavolcanics. These metagabbroic rocks are predominantly massive, but locally show a weak foliation at their contacts or where cut by shear zones. These stocks were intruded before the regional metamorphism and now consist of hornblends and yellowish green altered feldspar.

Felsic intrusive rocks comprise northeast-trending, massive and foliated, white-weathering feldspar and quartz-feldspar porphyry dikes. They are 0.5 to 2 m wide and intrusive into both the mafic-metavolcanics and metasediments, but are more abundant in the mafic metavolcanic belt.

Proterozoic rocks comprise a diabase sill of medium grain size and massive texture, occurring as three separate masses outcropping along the western and southwestern boundaries of the township. The sill dips 15* to the west.

The metavolcanic-metasedimentary rocks in the map area form parallel, alternating, metavolcanic, and metasedimentary northeasterly trending belts. They belong to two sequences: an autochthonous sequence and an allochthonous sequence.

The allochthonous sequence underlies most of the northern half of the map area, and lies between the Watson Lake Fault in northwestern McComber Township and the Blackwater River Fault, which crosses both McComber and Vincent townships. It consists of two parallel, northeasterly trending belts; a northerly metasedimentary belt and a southerly mafic metavolcanic belt. Together these two belts form part of an inverted anticline, the axis of which is located within the metavolcanics. This axis is arcuate, convex to the northwest, and trends N70*E. The sedimentary rocks on the north limb of the synformal anticline strike N70*E and face northwesterly, but are overturned to the south, dipping 70* to 80* southerly. The strike is colinear with that observed in the westerly continuation of this belt in Summers Township and its northeasterly continuation into Irwin and Walters Townships. An ironstone unit within this belt is on strike with an ironstone unit in Summers Township to the west which trends consistently N70*E for over 10 km. These observations confirm the regional northwesterly strike of this belt. This sedimentary belt overlies the mafic metavolcanic unit conformably, and no faulted contact between them was observed.

Gold mineralization occurs in the township, both in the mafic metavolcanics and in the metasediments. It occurs -

1. In quartz and quartz-carbonate veins, intruding the mafic metavolcanics of the allochthronous inverted sequence in the central part of the map area, and the metasediments of the autochthonous sequence in the southern part of the map area, and mineralized with arsenopyrite, pyrite, pyrrhotite, chalcopyrite and galena.

2. In quartz veins in chert-hematite magnatite grunerite ironstone units, interlayed with the mafic metavolcanics of the allochthonous sequence in the central part of the map area, and mineralized with arsenopyrite, chalcopyrite, and pyrite.

LOCAL GEOLOGY

The O.G.S. regional mapping by M.W. Carter (1987) shows the property to be underlain by a rather monotonous allocthonous sequence of greywacke sandstones interlayed with occassional thin argilitic beds. Bands of magnetic iron formation cut centrally east-west across the property. All units strike roughtly at Az. 075* and dip steeply (80* - 85*) to the south.

PROPERTY GEOLOGY

The O.G.S. regional mapping by M.W. Carter (1987) shows the property to be underlain by a rather monotonous allochonous sequence of greywack sandstones interlayered with occassional thin argilitic beds (See Map #4).

Bands of magnetic iron formation cut centrally east-west across the property. All units strike roughly at AZ 070* to 080* and dip steeply (80* - 90*). Except for two areas, the iron formation cuts across the rock formation. Rocks strike at 070* to 080*. The iron formation strikes at 110* south east. In trench TR6, some of the rock also strikes at 110* southeast. (See the Trench Geology Map #9). In the northwestern part of the property, the rocks change to metavolcanic basalt also striking at 110* southeast and dip south at 080*. (See Geology Map #8).

MAGNETIC IRON FORMATION

The magnetic iron formation which extends east and west well beyond the property limits (See Map #5) is geologically interesting and economically important due to its association with gold occurrences at some locations. It occurs as thin beds interlayered within the wacke sandstones. This aspect strongly suggests deposition by mechanical sorting through wave action along shorelines.

The magnetite beds occur singly or, at some strongly magnetic locations (5,000 γ to 15,000 γ), are concentrated as densely packed "bed swarms" but no single bed over 4cm thick was observed.

The iron formation strikes at about 070* to 110* and dips steeply (-80* to -95*) to the south. Abrasion cut cross-bedding in banded sandstone and magnetite, exposed at 6+40W, 1+60N indicates that tops are to the south. The formation is well exposed throughout the property. (See Geological Map #8).

The iron formation appears to have been left-laterally displaced at line 11+00W. The formation seems to have shifted to the north. The geological mapping of outcrops seems to indicate a major fault between line 10+00W and line 12+00W.

The formation has been displaced for approximately 150 m in width. The iron formation strikes at 8+80W and strikes east and west in Tr6 (090*). The outcrop at 12+20W and 1+05N strikes at 110* south east. The remainder strikes at 070* northeast.

The trench TR7 displays an iron formation. The surface rock shows a folding display with hemetite and magnetite-red jasper iron formation bedded with metasediment sandstone.

The hemetite and magnetite iron formation and the ankeritic and serecetic and carbonated red jasper are the host rock for the gold occurrence throughout the property.

MAIN ROCK TYPE

Detailed mapping indicates that approximately 80% of the underlying rock is composed of massive to banded and folded, mainly coarse grained siltstone to medium grain arenlitic meta-wackes, minor quartz-wackes and occassional quartz-arkosic sandstone. The units are massive (several metres) to disctinctly banded (commonly 1 cm to 35 cm thick beds). Crossbedding occurs in a few places (See Geology Map #8).

Compositional variations range from mafic-wacke to quartzitic grenite with up to ½% to 1% fine disseminated pyrite in the more siliceous sandstone. In the northwestern part at Zone 6, the rock is mostly metavolcanic. The darker surface seems to indicate a change to a basalt with ½% to 1% fine disseminated pyrite and calcopyrite. The darker surface appears in Trench TR8 and TR1 at the northwestern extension. (See Geology Map #9). Thin (up to 2 m) interbeds of finely banded argillite occur frequently within the sandstone sequence. They nearly always exhibit moderate to strong foliation, are mafic compositionally and even in the thinest beds exhibit slip faces along bedding.

Numerous outcrops display narrow beds of pebble conglomerate from line 12+00W to the western border line (See Geology Map #8).

Most of the conglomerate is constructed of feldspar por-phryritic volcanic pebble. The outcrops between line 13+00 and 14+00 mainly... is constructed of carbonated porphryritic pebble from ½cm to 20 cm in size, containing 15% to 25% sandstone matrix. This lies within greywacke sandstone. Two quartz veins (3 cm. each in size) cut across the northern band of conglomerate. Four northeast striking bands of conglomerate cross this outcrop. North to south, the bands are approximately 50cm wide, 30 cm wide, 40cm wide and the fourth is 25cm in width. (See Geology Map of Outcrops #8).

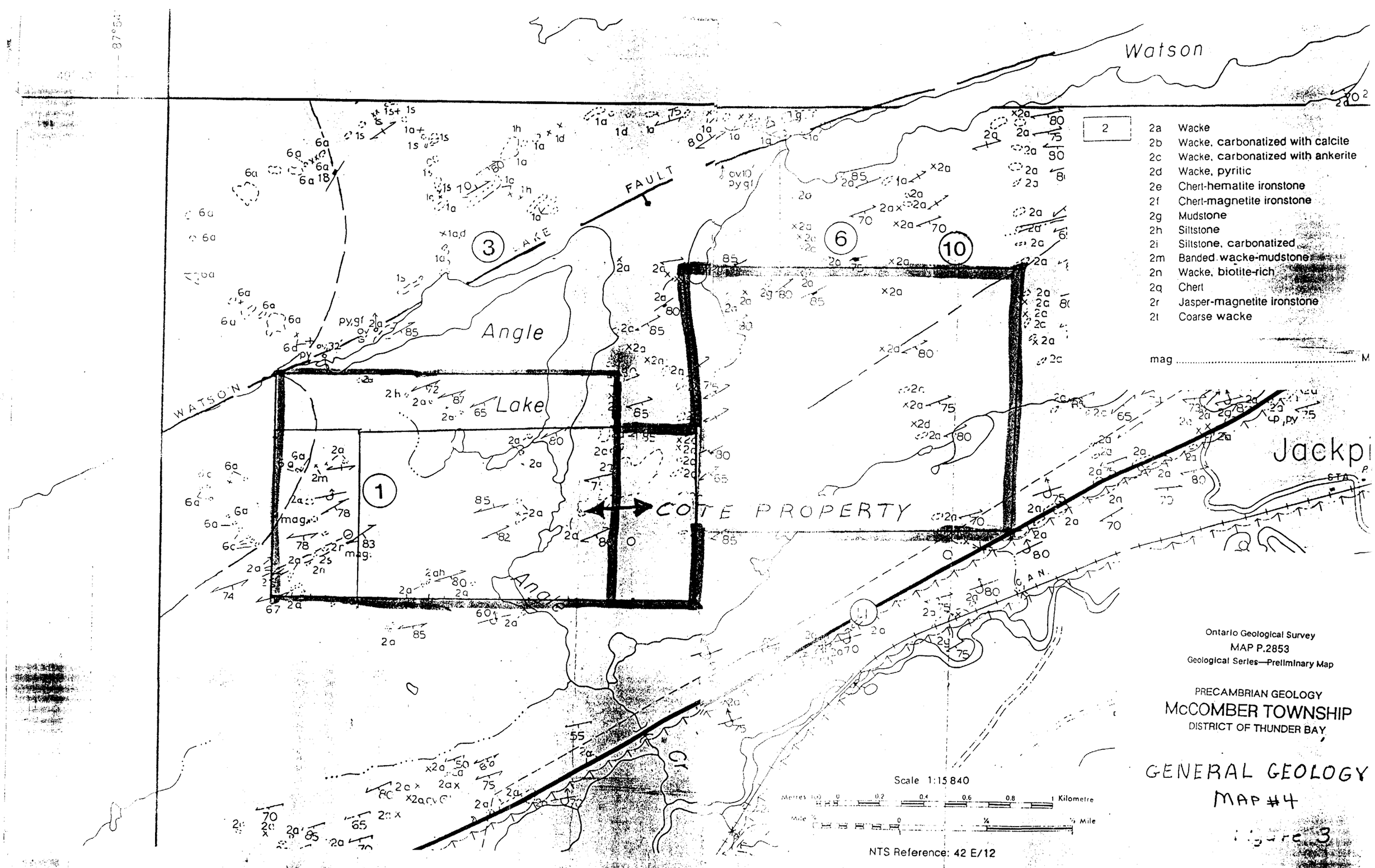
GEOLOGY AND MINERALIZATION IN THE COTE ANGLE LAKE OCCURRANCE

The Cote-Angle Lake property is in the northern metasedimentary belt . It extends east and west for many kilometers. Metasediments are constructed of greywacke, siltstone, arkosic, quartzitic ankerite interbedded with hematite-jasper iron formation. Part of the sediment has been replaced by metavolcanics in the northwestern part and in the central section of the property. A bed (10m wide) striking at about 110* south east and folding to 70* northeast at line 11+00W at this location, seems to be a major fault. The bedded iron formation has been displaced to the north for about 50 to 80m. The prospecting and the geological map of outcrops provides evidence of this fault. The metavolcanics in this area is possibly an intrusion in the sediments. No interesting mineral is shown in the southern part of Zone 5 and Zone 1W. The central portion has a very interesting mineralized zone. Stripping and trenching have exposed the same structure as in Trench TR1. At six (6) different locations, I discovered the same type of structure cutting across the property. The structure consists of bedded iron formation associated with carbonated serecitic chloritic ankerite and quartz-flooded zone possibly associated with gold-bearing mineralization.

Many quartz and quartz-carbonate veins within the western part of the property are displayed in many locations or bedded within the metasediment containing some mineralization.

TRENCH 1 GEOLOGY AND MINERALIZATION

Trench TR1 has been extended from 8+70 for a distance of approximately 40 m east. The non-magnetic mineralization contains rusty hematite blebs, is weakly carbonatized, and contains 30% to 50% white quartz veining with local associated clots and blebs of arsenopyrite. This segment of mineralized zone extends eastward for about 10 m to 8+60W. At this location, it has been bisected by a dike. The dike is a metavolcanic sheared carbonated basalt striking at 120* southeast. Immediately east of this dike is an easterly striking foliated wake sandstone. A 3m wide jasperitic alt hem zone bedded with siltstone and some pyrite is immediately north of the wacke sandstone. At 8+45W, the bedded FEFM magnetite has replaced the jasperitic zone. This unit strikes easterly. The main gold-bearing mineralization strikes 70* northeast. At 8+40W, the trench displays sheared, carbonatized serecitic calcarouc siltstone for a width of 9¼m. A jasperitic alt hem zone occurs immediately south of this.



Ontario Geological Survey
MAP P.2853
Geological Series—Preliminary Map

PRECAMBRIAN GEOLOGY
McCOMBER TOWNSHIP
DISTRICT OF THUNDER BAY

GENERAL GEOLOGY
MAP #4

COTE PROPERTY

TASHOTA-GERALDTON
LONGLAC AREA
Airborne Electromagnetic Survey
Total Intensity Magnetic Survey
DISTRICT OF THUNDER BAY

Scale: 1:20 000

Metres 500 0 1 Kilometre

Mile 1/4 0 1/2 Mile

AIRBORNE MAG MAP

MAP #5

Ministry of
Northern Development
and Mines
Ontario

MNDM • OBM • MDNM
1891-1991

MAP 2542

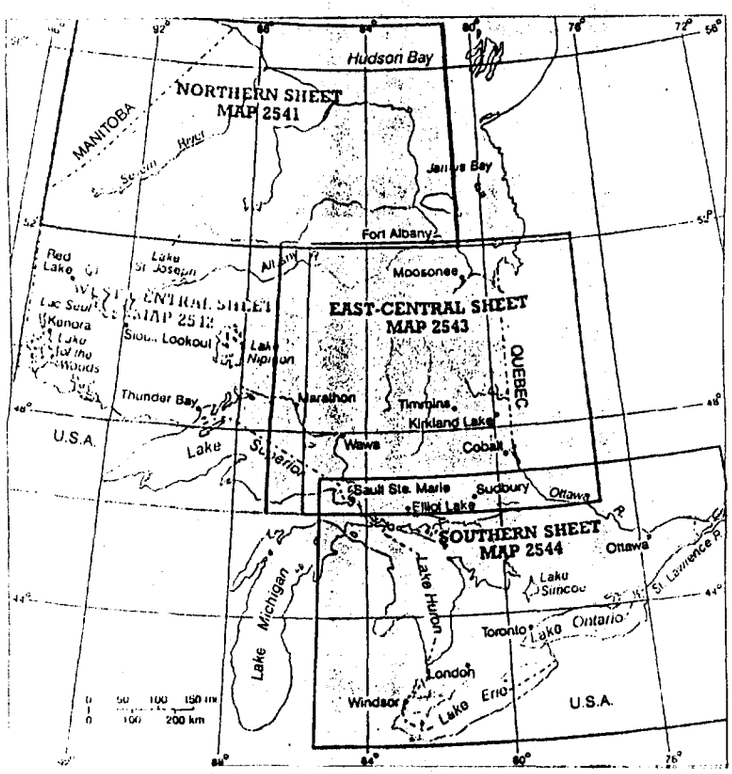
BEDROCK GEOLOGY OF ONTARIO

WEST-CENTRAL SHEET

Scale 1:1 000 000

Kilometres 20 0 20 40 60 80 100 Kilometres

Miles 10 0 10 20 30 40 50 Miles



Index to Geology of Ontario Maps

MAP # 6

Page 1

This map is one of a set published to mark the 1991 centennial of the establishment of an Ontario Bureau of Mines. It was produced specifically to accompany *The Geology of Ontario*, Ontario Geological Survey, Special Volume 4.

Mitchipicoten Island Fm.:

29a Basalt and associated conglomerate and arkose

29b Rhyolite, quartz feldspar porphyry; associated conglomerate and arkose

Sibley Gp.: conglomerate, sandstone, shale

MESO- TO PALEOPROTEROZOIC (0.9 to 2.5 Ga)

Felsic intrusive rocks

27a Granite, alkali granite, granodiorite, quartz feldspar porphyry; minor related volcanic rocks [j] (1.4 to 1.5 Ga)

27b Killarney monzogranite and granitic rocks [k] (1.7 and 1.4 Ga)

27c Intermediate to felsic volcanic rocks [k] (1.8 to 1.9 Ga)

PALEOPROTEROZOIC (1.6 to 2.5 Ga)

26 **Sudbury Igneous Complex (1850 Ma):** norite, gabbro, granophyre

25 **Whitewater Gp.** [l]: fragmental rocks, mudstone, wacke

24 **Carbonatite–alkalic intrusive suite** (ca. 1.9 Ga): carbonatite, nepheline syenite, alkalic syenite, ijolite, fenite; associated mafic and ultramafic rocks

23 **Mafic intrusive rocks** [j]

23a *Molson swarm (1884 Ma)* diabase dikes; and *Sutton Inlier:* diabase sills

23b *Wabigoon swarm:* diabase dikes

23c *North Channel swarm:* diabase dikes

22 **Sedimentary rocks**

22a *Animikie Gp.* [m]: wacke, shale, iron formation, limestone, minor volcanic rocks

22b *Sutton Inlier:* dolostone, chert breccias, argillite, wacke, conglomerate, iron formation

21 **Mafic and related intrusive rocks** [j]

21a *[illegible] swarm:* diabase dikes

21b *Marathon swarm:* diabase dikes

21c *Kenora–Fort Frances swarm:* diabase dikes

21d *Nipissing sills (2219 Ma):* diabase sills, dikes and related granophyre

21e Mafic dikes and plutons of uncertain age

20 **Felsic intrusive rocks (Murray Granite 2388 Ma, Creighton Granite 2333 Ma):** granite

HURONIAN SUPERGROUP (2.2 Ga to 2450 Ma)

19 **Cobalt Gp.** [n]: conglomerate, wacke, arkose, quartz arenite, argillite

18 **Quirke Lake Gp.; Hough Lake Gp.; Elliot Lake Gp.**

18a Conglomerate, wacke, arkose, quartz arenite, argillite, limestone, dolostone

18b Volcanic rocks of the Elliot Lake Gp.

INTRUSIVE ROCKS

17 **Mafic and ultramafic intrusive rocks**

17a *Matachewan and Hearst swarms (2451 Ma)* [b]: diabase dikes

17b Gabbro, anorthosite

SUPERIOR PROVINCE

ARCHEAN

NEOARCHEAN (2.5 to 2.9 Ga)

INTRUSIVE ROCKS

16 **Diorite–nepheline syenite suite** [go]: pyroxenite, diorite, monzonite, syenite, nepheline syenite (saturated to undersaturated suite)

NEO- TO MESOARCHEAN (2.5 to 3.4 Ga) [egop]

INTRUSIVE ROCKS

15 **Massive granodiorite to granite:** massive to foliated granodiorite to granite

15a Potassium feldspar megacrystic units

14 **Diorite–monzonite–granodiorite suite:** diorite, tonalite, monzonite, granodiorite, syenite and hypabyssal equivalents (saturated to oversaturated suite)

13 **Muscovite-bearing granitic rocks:** muscovite-biotite and cordierite-biotite granite, granodiorite-tonalite

12 **Foliated tonalite suite:** tonalite to granodiorite—foliated to massive

11 **Gneissic tonalite suite:** tonalite to granodiorite—foliated to gneissic—with minor supracrustal inclusions

10 **Mafic and ultramafic rocks** [q]: gabbro, anorthosite, ultramafic rocks

NEO-ARCHEAN (2.5 to 2.9 Ga)

SUPRACRUSTAL ROCKS

9 **Coarse clastic metasedimentary rocks** [r]: mainly coarse clastic metasedimentary rocks, with minor, mainly alkalic, mafic to felsic metavolcanic flows, tuffs and breccias

NEO- TO MESOARCHEAN (2.5 to 3.4 Ga)

SUPRACRUSTAL ROCKS

Migmatized supracrustal rocks [eg]: metavolcanic rocks, minor metasedimentary rocks, mafic gneisses of uncertain protolith, granitic gneisses

7 **Metasedimentary rocks** [eg]: wacke, arkose, argillite, slate, marble, chert, iron formation, minor metavolcanic rocks

7a Paragneisses and migmatites [s]

7b Conglomerate and arenite

6 **Felsic to intermediate metavolcanic rocks** [gl]: rhyolitic, rhyodacitic, dacitic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks; related migmatites

5 **Mafic to intermediate metavolcanic rocks** [gl]: basaltic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks, related migmatites

5a Andesitic flows, tuffs and breccias with minor rhyolites [u]

Mafic to ultramafic metavolcanic rocks [gl]: mafic metavolcanic rocks with minor komatiite, minor metasedimentary and pyroclastic rocks

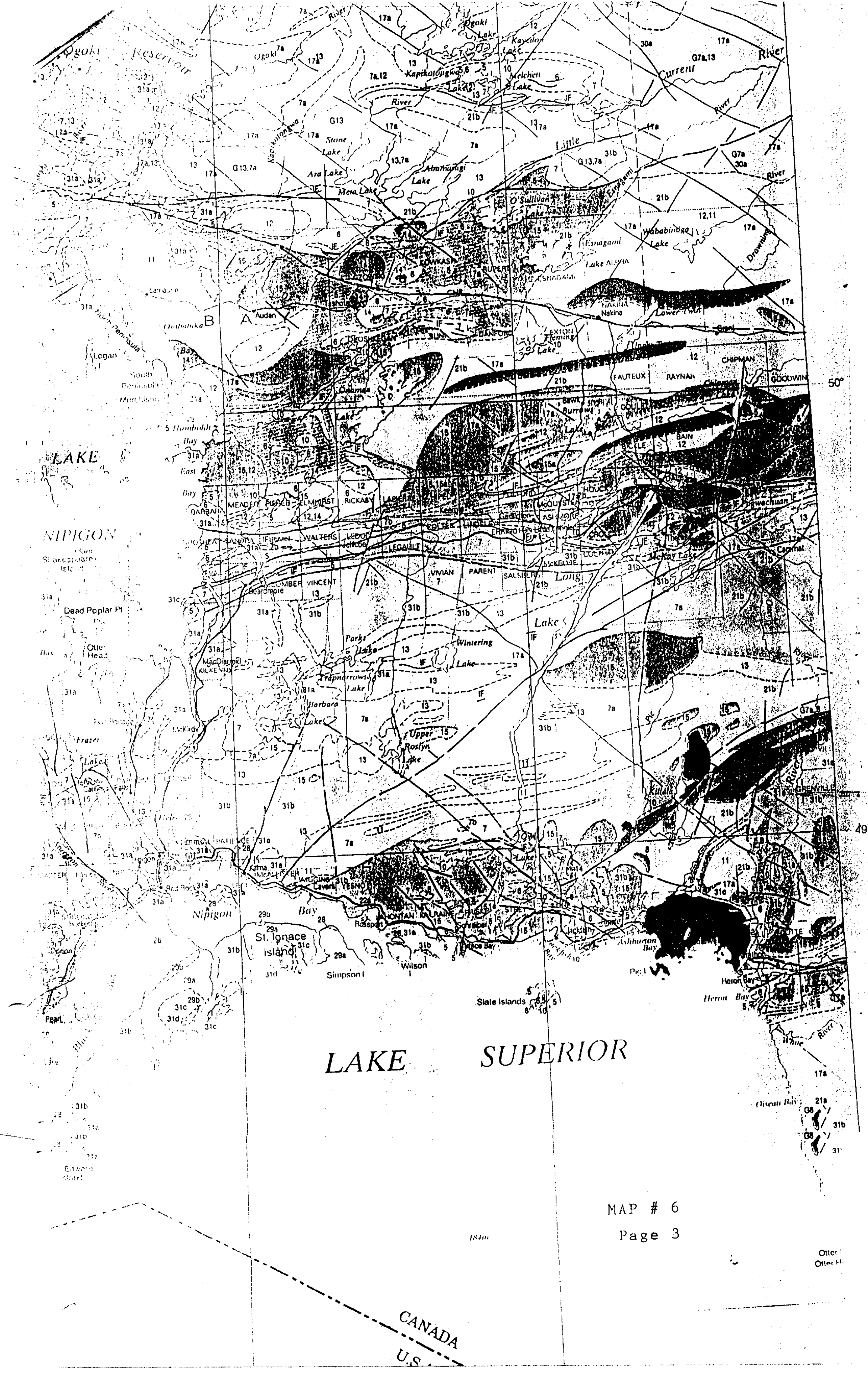
MESOARCHEAN (2.9 to 3.4 Ga) [v]

SUPRACRUSTAL ROCKS

Mafic metavolcanic and metasedimentary rocks [t]: mafic metavolcanic rocks, minor iron formation

2 **Felsic to intermediate metavolcanic rocks** [t]: rhyolitic, rhyodacitic, dacitic and andesitic flows, tuffs and breccias

Metasedimentary rocks and mafic to ultramafic metavolcanic rocks [tw]: coarse clastic metasedimentary rocks, marble, quartz arenite, iron formation, komatiite, mafic metavolcanic rocks, and minor felsic metavolcanic rocks


Ogoki Reservoir
Ogoki Lake
Kayedon Lake
Melchett Lake
Kapikotongwa Lake
Current River
Little Current River
Stone Lake
Ara Lake
Meta Lake
Abamasagi Lake
O'Sullivan Lake
Esnagami Lake
Wababimiga Lake
Drowning
Nakina
Lower Twin
FAUTEUX
RAYNAR
CHIPMAN
GOODWIN
50°
LAKE NIPIGON
Shakespeare Island
Dead Poplar Pt
Otter Head
Humboldt Bay
East Bay
South Peninsula
North Peninsula
Auden
McKay Lake
Long Lake
Parks Lake
Wintering Lake
Trapnarrows Lake
Barbara Lake
Upper Roslyn Lake
Fraser Lake
Nipigon
Nipigon Bay
St. Ignace Island
Simpson I
Wilson I
Slate Islands
Schreiber
Terrace Bay
Heron Bay
Pic I
Oiseau Bay
Otter I
LAKE SUPERIOR
CANADA
U.S.

MAP # 6

Page 3

DAILY LOG

DAY 1 June 9 - 8 hours

Work Performed:

Travelled 1 km west to Zone 5. Flagged the 8+00S line from 2+50S to 4+00S. Prospected and manually stripped the bed rock. See TR DAY 1 on Prospecting Map #7.

DAY 2 June 10 - 8 hours

Work Performed:

Travelled 800 m west to Zone 5. Flagged the 9+00 line south. Prospected from the 2+00S to the 4+00S line. Prospected between line 9+00 and line 10+00.
See TR DAY 2 on Prospecting Map #7.

DAY 3 June 11 - 8 hours

Work Performed:

Travelled 900 m west to line 10+00. Flagged sand prospected the southern section, manually stripping the bed rock.
See TR DAY 3 on Prospecting Map #7.

DAY 4 June 12 - 8 hours

Work Performed:

Travelled 900m west to line 10+00. Prospected the northern section between line 10+00 and line 11+00, manually stripping the bed rock.
See TR DAY 4 on Prospecting Map #7.

DAY 5 June 13 - 8 hours

Work Performed:

Travelled 1000 m west to line 11+00. Flagged, prospected and manually stripped the bed rock in the southern section between line 11+00 and 12+00.
See TR DAY 5 on Prospecting Map #7.

DAY 6 June 14 - 8 hours

Work Performed:

Travelled 1000 m west to line 11+00. Prospected the northern section between line 11+00 and line 12+00. Manually stripped the bed rock.
See TR DAY 6 on the prospecting map #7.

DAY 7 June 15 - 8 hours

Work Performed:

Travelled 1100 m west to line 12+00. Flagged, prospected and manually stripped the bed rock.
See TR DAY 7 on Prospecting Map #7.

DAY 8 June 22 - 8 hours

Work Performed:

Travelled 1200 m west to line 13+00. Prospected, flagged and manually stripped the bed rock.
See TR DAY 8 on Prospecting Map #7.

DAY 9 June 23 - 8 hours

Work Performed:

Travelled 1300 m west to line 14+00. Flagged, prospected and manually stripped the bed rock on the southern section.
See TR DAY 9 on Prospecting Map #7.

DAY 10 June 24 - 8 hours

Travelled 1300 m west to line 14+00. Prospected and manually stripped the bed rock in the northern section between line 14+00 and line 15+00.
See TR DAY 10 on Prospecting Map #7.

DAY 11 June 25 - 8 hours

Work Performed:

Travelled 1400 m west to line 15+00. Flagged, prospected and manually stripped the bed rock. Picked up one sample #Z1W3.
See TR DAY 11 on Prospecting Map #7.

DAY 12 June 26 - 8 hours

Work Performed:

Travelled 1500 m west to line 16+00. Flagged, prospected and manually stripped the bed rock. Picked up one sample - #Z1W1.
See TR DAY 12 on Prospecting Map #7.

DAY 13 June 27 - 8 hours

Work Performed:

Travelled 1600 m westto line 17+00. Flagged and prospected the southern section. Picked up 1 sample - #Z1W3.
See TR DAY 13 on Prospecting Map #7.

DAY 14 September 2 - 8 hours

Work Performed:

Flagged the backhoe trail and the area for stripping in Zone 5 and zone 6. Flagged and prospected line 9+00W from 1+00N to 4+00N in Zone 6. Manually stripped the bed rock.
See TR DAY 14 on Prospecting Map #7.

DAY 15 September 3 - 10 hours

Work Performed:

Supervised the mechanical stripping and removed the remaining dirt manually in Zone 6 at the site of TR6. Started stripping and manually removing the remaining dirt at the site of the TR1 extension to the east.

DAY 16 September 4 - 10 hours

Work Performed:

Supervised the mechanical stripping and manually removed the dirt remaining in Zone 6 at the site of the TR1 trench eastwards for 30 m in length and 3 m in width, and across TR1 for 13 m in lenth, 4 m in width and 2 m in depth.

DAY 17 September 5 - 10 hours

Work Performed:

Supervised the mechanical stripping and trenching. Removed remaining dirt manually in zone 6 at the sites of TR1 north and TR7 in Zone 5. TR1 north was completed before beginning on TR7.

DAY 18 September 6 - 10 hours

Work Performed:

Supervised mechanical stripping and trenching and removed remaining dirt manually at the sites of TR7 in Zone 5. The back-hoe trail was extended to the site of TR8 on strike with TR1 to the west.

DAY 19 September 7, 1997 - 10 hours

Work Performed:

Supervised mechanical stripping and trenching. Removed the remaining dirt manually in Zone 5, Trench TR8. Stripped and trenched TR8 for a length of 43 m and a width of 7 m and a depth of ½ to 2m deep.

DAY 20 September 8 - 10 hours

Work Performed:

Supervised mechanical stripping and trenching and removed the remaining dirt manually at the site of TR8.

DAY 21 September 9 - 10 hours

Work Performed:

Supervised the mechanical stripping and trenching and removed remaining dirt manually. Completed the work at TR8 and extended the backhoe trail to TR9 and TR10.

DAY 22 September 10 - 10 hours

Work Performed:

Supervised the mechanical stripping and trenching. Removed the remaining dirt manually. Completed TR10 and TR11.
See Trench Map #9 for the size of the trenches.

DAY 23 September 11 - 8 hours

Work Performed:

Flagged and prospected in Zone 6. Flagged the 10+00N line from 50N to 400N, manually stripping the bed rock.
See TR DAY 23 on Prospecting Map #7.

DAY 24 September 12 - 8 hours

Work Performed:

Flagged and prospected, completing line 10+00Nand began line 11+00. The bed rock was stripped manually.
See TR dAY 24 on Prospecting Map #7.

DAY 25 September 13 - 8 hours

Work Performed:

Flagged and prospected the northern section of line 11+00, manually stripping the bed rock.
See TR DAY 25 on the prospecting map #7.

DAY 26 September 14 - 8 hours

Work Performed:

Flagged and prospected the 12+00 line north for 2+00m, manually stripping the bed rock.
See TR DAY 26 on Prospecting Map #7.

DAY 27 September 17 - 8 hours

Work Performed:

Flagged and prospected the rest of line 12+00 N, manually stripping the bed rock. Picked up 1 sample Z6-1.
See TR DAY 27 on Prospecting Map # 7.

DAY 28 September 18 - 8 hours

Work Performed:

Flagged and prospected line 13+00N, manually stripping the bed rock in Zone 2W. Picked up three samples - Z2W1, Z2W2 and Z2W3.
See TR DAY 28 on Prospecting Map #7.

DAY 29 September 19 - 8 hours

Work Performed:

Removed the remaining dirt in TR11. Measured the sizes of trenches TR11, TR10 and TR9.

DAY 30 September 22 - 8 hours

Work Performed:

Removed the remaining dirt in trench TR9 and trench TR8. Measured the sizes and depth of both trenches.

DAY 31 - September 23 - 8 hours

Work Performed:

Completed removing the dirt in trenches TR8 and TR1 extension. Took the measurements of the trenches.

DAY 32 September 26 - 8 hours

Work Performed:

Started washing the trenches with a water pail and a broom as there is not enough water in the area to use a fire pump. Completed the geological mapping of trench TR6 and began the mapping of trench TR1 extension.

DAY 33 September 27 - 8 hours

Work Performed:

Spent the day washing trenches with a water pail and a broom and mapping the trenches geologically. Completed the geological mapping of the TR1 extension and began mapping trench TR7.

DAY 34 September 29 - 8 hours

Work Performed:

Completed washing trench TR7 with a broom and a water pail. Also completed the geological mapping of that trench and began washing and mapping trench TR8.

DAY 35 September 30 - 8 hours

Work Performed:

Spent 8 hours washing trenches Tr9 and TR10 with a water pail and broom. Completed the geological mapping of both trenches.

DAY 36 October 1 - 8 hours

Work Performed:

Completed the washing and geological mapping of trench TR11.

DAY 37 October 2 - 8 hours

Work Performed:

Flagged the 17+00 line south from the base line. Prospected and manually stripped the bed rock. See TR DAY 37 on Prospecting Map #7.

WORK SUMMARY

Heavy ground cover and underbrush made intensive prospecting necessary in Zone 5, Zone 6 and Zone 1W. The numerous outcrops are mostly moss-covered.

Zone 1W is located in the southwestern section of the property. It is mostly low land (swamp) with plenty of underbrush. The northwestern part of the property is also heavily covered with underbrush (See Prospecting Map #7).

During the 1997 OPAP Program, I prospected and trenched in three (3) zones - Zone 5, Zone 6 and Zone 1W. They are located in the western section of the property. Trenching and stripping were undertaken in Zones 5 and 6 in six (6) different locations to follow the gold discovery uncovered during the 1996 OPAP program (See Trench Map #9). The iron formation has been proven to exist from east to west through the central portion of the property.

The structure of the main gold discovery in Trench TR1 has been followed up. The same rock structure has been found east and west of this trench. A few grab samples, taken during the prospecting activities, have been assayed for gold but they proved to have low numbers.

No samples were taken from the new trenches dug under this program as the property was optioned as of November 1, 1997.

SAMPLE #	DESCRIPTION
Z5-1	Quartz carbonated cpy., py ½%
Z5-2	Carbonated sheared sandstone with cpy, py ½%
Z1W1	Small quartz stringer with sulphide
Z1W2	Sheared carbonated quartzite with py cpy ½%
Z1W3	Quartz bedded with sandstone with py 1%
Pit EW1	Blueish quartz with sericite - no sulphides detected
Pit 1WW	Carbonated quartz with serecite ankerite - no sulphides detected
Pit 2	Sheared carbonated serecitic fine grained sandstone with pyrite 1%
B	Rusted iron breccia and magnetite with py cpy and arsenopyrite
WH	Massive pyrite vein in sheared bedded meta-volcanic basalt
Z6-1	Greywacke coarse grained sandstone with cross cutting quartz vein with py cpy 1%
Z2W1	Carbonated sheared quartzite with cpy and pyrite 1%
Z2W2	Sheared metavolcanic schist with cpy pyrite 1%
Z2W3	Sheared metavolcanic schist with quartz veinlet with cpy and pyrite 1%

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.

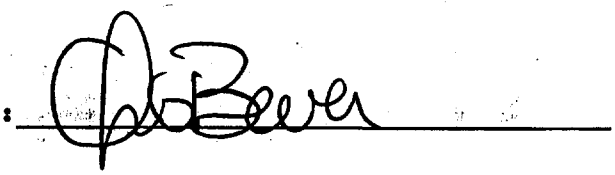
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

R. COTE
Box 137
Beardmore, Ontario
P0T 1G0

Sep 15, 1997

Job# 9740803

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	PIT EW1	10	<0.001
2	ZIW3	<5	<0.001
3	WH	27	<0.001
4	B	186	0.005
5	Z5-1	10	<0.001
6	Z5-2	<5	<0.001
7	ZIW2	<5	<0.001
8	ZIW1	<5	<0.001
9	PIT #2	<5	<0.001
10	PIT #1 WW	<5	<0.001
11	Check PIT #1 WW	<5	<0.001

Certified By: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: COTE, ROBERT

[redacted]
BEARDMORE, ON
P0T [redacted]

Project : [redacted]
Comments: ATTN: ROBERT COTE

Page Number :1
Total Pages :1
Certificate Date: 17-NOV-
Invoice No. : I975015
P.O. Number :
Account :PGW

CERTIFICATE OF ANALYSIS A9750155

SAMPLE	PREP CODE		Au ppb FA+AA	Au oz/T calc.
AG	205	226	3180	0.0928
Z2W1	205	226	10	<0.0005
Z2W2	205	226	10	<0.0005
Z2W3	205	226	< 5	<0.0005
Z6-1	205	226	< 5	<0.0005

CERTIFICATION: [signature]

RESULTS

The Cote-Angle Lake Property has been optioned to Angle Lake Explorations Inc. who have agreed to spend not less than $50,000.00 on exploration on the property before the first anniversary of this agreement.

A line cutting program is currently in progress.

RECOMMENDATIONS

The gold bearing mineralization in carbonatized hematite and magnetite-red jasperitic occurrence in trench TR1 has been followed east and west during this 1997 OPAP program.

I prospected and trenched in three zones (Zones 5, Zone 6, and Zone 1W). The same carbonatized occurence occured in these locations throughout the property.

A program of line cutting and a detailed magnetometer, VLF survey conducted throughout the property is necessary. More stripping and trenching to the east and to the west should be undertaken.

Channel sampling should be accomplished in the sites of trenches TR6, TR7, TR8, TR9, TR10, TR11 and some sections of TR1.

The backhoe trail should be upgraded for better access to the property.

A budget of $30,000.00 to $50,000.00 should be sufficient to complete the recommended work.

THUNDER BAY
CLAIM ABSTRACT

[redacted]

Claim No: TB 1224926
Status: Active

Due Date: 1998-OCT-30	Recorded: 1996-OCT-30
Work Required: 800	Staked: 1996-SEP-30 16:30

Total Work:	0	Description of Claim:	
Total Reserve:	0	MCCOMBER (G-0166)	
Present Work Assignment:	0		
Claim Bank:	0	Claim Units:	2
		Multiple Township:	N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	121365	COTE ROBERT LUCIEN

Type	Date	Dollars	Description
STAKER	1996-OCT-30		RECORDED BY COTE ROBERT LUCIEN (E30435) R9640.00606

Reservation :

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
Other reservations under the Mining Act may apply

*** End of Abstract ***

Status of claim is based on information currently on record.

THUNDER BAY
CLAIM ABSTRACT

Claim No: TB 1195655
Status: Active

Due Date: 2001-NOV-21	Recorded: 1994-NOV-21
Work Required: 2229	Staked: 1994-OCT-28 17:30

Total Work:	12,171	Description of Claim:	
Total Reserve:	0	MCCOMBER (G-0166)	
Present Work Assignment:	0		
Claim Bank:	0	Claim Units:	6
		Multiple Township:	N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	121365	COTE ROBERT LUCIEN

Type	Date	Dollars	Description	
STAKER	1994-NOV-21		RECORDED BY COTE ROBERT LUCIEN (E30435)	R9440.00548
OTHER	1996-NOV-13		PHYSICAL WORK PERFORMED: 4871 APPROVED: 1996-DEC-19	Q9640.00588
WORK	1996-NOV-13	4,871	PHYSICAL WORK APPLIED APPROVED: 1996-DEC-19	W9640.00588
OTHER	1996-NOV-13		GEOTECHNICAL WORK PERFORMED: 7300 APPROVED: 1997-JAN-20	Q9640.00589
WORK	1996-NOV-13	7,300	GEOTECHNICAL WORK APPLIED APPROVED: 1997-JAN-20	W9640.00589

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

Status of claim is based on information currently on record.

THUNDER BAY
CLAIM ABSTRACT

Claim No: TB 1224925
Status: Active

Due Date: 1998-SEP-26	Recorded: 1996-SEP-26
Work Required: 800	Staked: 1996-SEP-17 16:30
Total Work: 0	Description of Claim:
Total Reserve: 0	MCCOMBER (G-0166)
Present Work Assignment: 0	
Claim Bank: 0	Claim Units: 2
	Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	121365	COTE ROBERT LUCIEN

Type	Date	Dollars	Description
STAKER	1996-SEP-26		RECORDED BY COTE ROBERT LUCIEN (E30435) R9640.00526

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
Other reservations under the Mining Act may apply

*** End of Abstract ***

Status of claim is based on information currently on record.

THUNDER BAY
CLAIM ABSTRACT

Claim No: TB 1215776
Status: Active

Due Date: 1999-APR-17	Recorded: 1997-APR-17
Work Required: 1600	Staked: 1997-APR-10 17:10
Total Work: 0	Description of Claim:
Total Reserve: 0	MCCOMBER (G-0166)
Present Work Assignment: 0	
Claim Bank: 0	Claim Units: 4
	Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	121365	COTE ROBERT LUCIEN

Type	Date	Dollars	Description
STAKER	1997-APR-17		RECORDED BY COTE ROBERT LUCIEN (E30435) R9740.00291

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
Other reservations under the Mining Act may apply
Including land under water

*** End of Abstract ***

Status of claim is based on information currently on record.

THUNDER BAY
CLAIM ABSTRACT

Claim No: TB 1224929
Status: Active

Due Date: 1999-FEB-03	Recorded: 1997-FEB-03
Work Required: 4800	Staked: 1997-JAN-26 14:35
Total Work: 0	Description of Claim:
Total Reserve: 0	MCCOMBER (G-0166)
Present Work Assignment: 0	
Claim Bank: 0	Claim Units: 12
	Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	121365	COTE ROBERT LUCIEN

Type	Date	Dollars	Description
STAKER	1997-FEB-03		RECORDED BY COTE ROBERT LUCIEN (E30435) R9740.00056

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
3 Peat reserved
4 Other reservations under the Mining Act may apply
5 Including land under water
Excluding pipeline right of way

*** End of Abstract ***

[redacted]atus of claim is based on information currently on record.

STATEMENT OF COSTS

Accurassay Laboratories	$ 144.00
Chaltrek	
Mylar for maps $184.00	
This project 20% x $184.00	$ 36.80
Chemex Labs Ltd.	
Angle Lake	$ 68.00
Miner Lake	$ 217.20
Marc's Backhoe Service	$ 4000.00
Sheldon Reproduction Centre Ltd.	$ 47.35
Total	$ 4513.35

MARC'S BACKHOE SERVICE
GST #R114827777
Lot 1, Rolland Lake
JELLICOE, ONTARIO P0T 1V0

(807) 879-2550

1656

TO Robert Côté Mining
Beardmore, Ontario
P0T 1G0

DATE September 30, 1997 JOB NO.
JOB NAME Stripping + Trenching
JOB LOCATION Angle Lake property

	DESCRIPTION	PRICE	AMOUNT
Sept. 3	10 hrs. worked with backhoe + operator at $50.00 per hr.		$500 00
4	10 hrs. worked		500 00
5	10 hrs. worked		500 00
6	10 hrs. worked		500 00
7	10 hrs. worked		500 00
8	10 hrs. worked		500 00
9	10 hrs. worked		500 00
10	10 hrs. worked		500 00

TERMS:

SUBTOTAL	4000 00
GST	280 00
PST	
TOTAL	$4280 00

ORIGINAL

Thank You

ACCURASSAY LABORATORIES
(A DIVISION OF ASSAY LABORATORY SERVICES, INC.)
MINERAL ASSAYERS, ENVIRONMENTAL CHEMISTS,
ANALYTICAL CONSULTANTS
1070 Lithium Drive, Unit 2, THUNDER BAY, ON P7B 6G3
Tel.: (807) 623-6448 Fax: (807) 623-6820

INVOICE

37054

DATE	September 30, 1997
CUSTOMER ORDER No.	
WORK ORDER No.	Job #9740803
DATE SUBMITTED	

R. COTE
BOX 137
BEARDMORE, ONTARIO
P0T 1G0

TERMS

Net 30 days, 1.5% per month on overdue accounts

10	Sample Prep	$4.25	$42.50
10	Gold	$9.65	$96.50
1	Report Charge	$5.00	$5.00
	Subtotal		$144.00
	7% G.S.T. #R100294768		$10.08
	Amount Due Before October 30, 1997		$154.08

Cheque #2918
Oct 27/97

TPC – 52282

Thank You!

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: COTE, ROBERT
P.O. [redacted]37
BEARDMORE, ON
POT [redacted]

INVOICE NUMBER I9749011

BILLING INFORMATION

Date: 10-NOV-97
Project:
P.O. No.:
Account: PGW

Comments:

Billing: For analysis performed on
Certificate A9749011

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION		UNIT PRICE	SAMPLE PRICE	AMOUNT
12	205 - Geochem ring to approx 150 mesh		2.50		
	0-3 Kg crush and split		2.60		
	100 - Au ppb	FA+AA	8.50		
	1700 - Au oz/T	calc.	0.00		
	2 - Cu	ppm	1.25		
	5 - Zn	ppm	1.25		
	238 - Nitric-aqua-regia digestion		2.00	18.10	217.20

Total Cost $	217.20
(Reg# R100938885) GST $	15.20
TOTAL PAYABLE (CDN) $	**232.40**

SRC

SHELDON REPRODUCTION CENTRE LTD.

Suite 107-1265 East Arthur St.
West Arthur Place
Thunder Bay, Ontario P7E 6E7
Ph (807) 623-1371
Fax (807) 623-5800

16 St. Paul Street
Thunder Bay, Ontario
P7A 4S5
Ph (807) 345-5711
Fax (807) 345-6678

NAME: Robert Cote
DATE: 11 10 199
ADDRESS:
ORDER NO.:
POSTAL CODE: 8830
PHONE:

QUANTITY	DESCRIPTION	AMOUNT
	Multi orig	41.18
6 ea.		
228.75 sq		
at .18		
	CASH	

CLERK: CC
REMARKS:

CASH ☐ CHG ☐ ON ACCT. ☐ PAID OUT ☐ MDSE RET'D ☐ VISA ☐ M-C ☐ AMEX ☐

RECEIVED IN GOOD ORDER BY:

PURCHASES	
G.S.T.	2.88
SUB-TOTAL	329
P.S.T.	47.35
TOTAL	

08-47-03

MANN PRINTING GST #R104978184

THANK YOU.

12006

BUSINESS DEPT.
OFFICE SUPPLIES - WAREHOUSE PRICES
915 MEMORIAL AVENUE

866567 1 00006 72014
SALE 0037 04/17/97 11:57 AM

QTY	SKU	CAT/LIST	OUR PRICE
1	COPY SERVICE 1-99 @ 4.99		
	400000326702		4.99
	7% GST TAX		0.35
	8 %PST TAX		0.40
	TOTAL		$5.74
		CASH	10.00
		CHANGE	4.26

****
NO MORE MEMBERSHIP
LOWER PRICES AND TREMENDOUS SAVINGS

EVERYBODY SAVES !!!
****

O P E N S U N D A Y S 11:00 - 5:00

THUNDER BAY , ONTARIO

GST REG #126152586

CHALTREK
No Cash Refunds
G.S.T. R100911536

08-28-97 #2

GEOLOGY	160.00 T
SUBTL	160.00
TAX1	11.20
TAX2	12.80
TOTAL	**184.00**
CATEND	184.00
CHANGE	0.00

ITEM 1
JOANNE 7286 13:08TM

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W 9840.0001

Assessment Files Research Imaging

42E12NW2002 2.18111 McCOMBER 900

y of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the to review the assessment work and correspond with the mining land holder. ng Recorder, Ministry of Northern Development and Mines, 6th Floor, Thunder Bay Mining Division

JAN 12 1998 9:55 am RECEIVED

2.18111

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name: ROBERT L. COTÉ	Client Number: CLN 121365
Address: P O Box 137 BEARDMORE, ON, P0T1G0	Telephone Number: (807) 875-2077
	Fax Number:
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☑ Physical: drilling, stripping, trenching and associated assays ☐ Rehabilitation

		Office Use
Work Type: STRIPPING AND TRENCHING		Commodity
Dates Work Performed: From 03 (Day) 09 (Month) 1997 (Year) To 10 (Day) 09 (Month) 1997		Total $ Value of Work Claimed: 4,000
		NTS Reference
Global Positioning System Data (if available): LAT N49*38' LONG 87*52'	Township/Area: McCombe Twp, ON	Mining Division: Thunder Bay
	M or G-Plan Number: G-166	Resident Geologist District: Thunder Bay

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: ROBERT L. COTÉ	Telephone Number: (807) 875-2077
Address: PO Box 137 BEARDMORE, ON, P0T1G0	Fax Number:
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED JAN 13 1998 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, ROBERT L. COTÉ (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: Robert L Coté Deemed April 12/98		Date: JAN 10/98
Agent's Address: Box 137, BEARDMORE, ON, P0T1G0	Telephone Number: (807) 875-2077	Fax Number

the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1224925		$500		$500	
2	1195655		$3500		$3500	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
		Column Totals	$4 000		$4 000	

I, Robert L Coté (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Robert L Coté — Date: APRIL 27/98

6. **Instructions for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☑ 2. Credits are to be cut back starting with the claims listed last, working backwards.
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
APR 29 1998
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W.9840. 00011

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit	Total Cost
STRIPPING & TRENCHING	80 hours	$50.00/hour	$4000.00
Associated Costs (e.g. supplies, mobilization and demobilization).		2.18111	
Transportation Costs			
Food and Lodging Costs			
	Total Value of Assessment Work		$4000.00

RECEIVED
JAN 13 1998
GEOSCIENCE ASSESSMENT OFFICE

Thunder Bay Mining Division
JAN 12 1998
RECEIVED

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, ROBERT L COTE (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as RECORDED HOLDER (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: Robert L Cote Date: JAN 10/98

Ontario

Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W9840-00012

Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Thunder Bay Mining Division
JAN 12 1998 9:55 am
RECEIVED

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.18111

1. Recorded holder(s) (Attach a list if necessary)

Name: ROBERT L. COTÉ	Client Number: CLN 121365
Address: PO BOX 137 BEARDMORE, ON, POT 1G0	Telephone Number: (807) 875-2077
	Fax Number:
Name:	Client Number:
Address:	Telephone Number:
	Fax Number:

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling, stripping, trenching and associated assays ☐ Rehabilitation

Work Type: PROSPECTING, GEOLOGICAL MAPPING, SAMPLING AND ASSAY ANALYSIS	**Office Use**
	Commodity:
	Total $ Value of Work Claimed: 6,068
Dates Work Performed From 09 (Day) 06 (Month) 1997 (Year) To 02 (Day) 10 (Month) 1997 (Year)	NTS Reference:
Global Positioning System Data (if available): LAT. 49° 38' LONG. 87° 52' — Township/Area: McCOMBER TWP, ON — M or G-Plan Number: G-166	Mining Division: Thunder Bay
	Resident Geologist District: Thunder Bay

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: ROBERT L. COTÉ	Telephone Number: (807) 875-2077
Address: PO BOX 137, BEARDMORE, ON, POT 1G0	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:

RECEIVED
JAN 13 1998
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, ROBERT L. COTÉ (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Deemed April 12/98

Signature of Recorded Holder or Agent: Robert L Coté		Date: JAN 9, 1998
Agent's Address: PO BOX 137, BEARDMORE, ON, POT 1G0	Telephone Number: (807) 875-2077	Fax Number:

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1224926	2	$3034	$3034		
2	1195655	6				
3	1224925	2	$3034	$3034		
4	1224929	12				
5	1215776	4				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
		Column Totals	$6068.	$6068.		

I, ROBERT L. COTÉ (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Robert L Coté — Date: JAN 10/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☑ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED
JAN 13 1998
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp: Thunder Bay Mining Division JAN 12 1998 RECEIVED

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W-9840.00012

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18111

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit	Total Cost
PROSPECTING & GEOLOGICAL MAPPING	37 days	$150.00/day	$5550.00
ASSAY ANALYSIS	10 samples	$14.40 each	144.00
ASSAY ANALYSIS	5 samples	$13.60 each	68.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
MYLAR FOR MAKING MAPS			$36.80
COPIES - MAPS			47.35
Transportation Costs			
ROAD - 37 days x 20 km/day = 740 km		30¢/km	$222.00
Food and Lodging Costs			
		Total Value of Assessment Work	$6068.15

Thunder Bay Mining Division
JAN 12 1998
RECEIVED

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, ROBERT L COTE (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as RECORDED HOLDER (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

RECEIVED
JAN 13 1998
GEOSCIENCE ASSESSMENT

Signature: Robert L Cote Date: JAN 10/98

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

May 1, 1998

ROBERT LUCIEN COTE
P.O. Box 137
169 MAIN STREET
Beardmore, Ontario
P0T-1G0

Dear Sir or Madam:

Submission Number: 2.18111

Subject: Transaction Number(s):		**Status**
	W9840.00011	Approval After Notice
	W9840.00012	Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gatesb2@epo.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 12149
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18111

Date Correspondence Sent: May 01, 1998 **Assessor:** Bruce Gates

General Comment:
For future submissions ensure that the area location map contains several of the grid reference lines. In this instance line 0 appears to seperate zone 6 and 5 but it is not clear where the boundary between claims 1224925 and 1195655 is located.

Note: As a result of the centralization of assessment work you may on future submissions report both physical and geotechnical (prospecting) work together on one form.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9840.00011	1215776	MCCOMBER	Approval After Notice	April 24, 1998

Section:
10 Physical PSTRIP
10 Physical PTRNCH

The revisions outlined in the Notice dated April 9, 1998, have been corrected.

Assessment work credit has been redistributed, as outlined on the AMENDED Declaration of Assessment Work Form accompanying this submission.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9840.00012	1224926	MCCOMBER	Approval After Notice	April 24, 1998

Section:
9 Prospecting PROSP

The revisions outlined in the Notice dated April 9, 1998, have been corrected.

Assessment work credit has been redistributed, as outlined on the attached Distribution of Assessment Work Credit sheet, to better reflect the location of the work.

Work Report Assessment Results

Submission Number: 2.18111

Correspondence to:
Resident Geologist
Thunder Bay, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
ROBERT LUCIEN COTE
Beardmore, Ontario

Correspondence ID: 12149

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: May 01, 1998

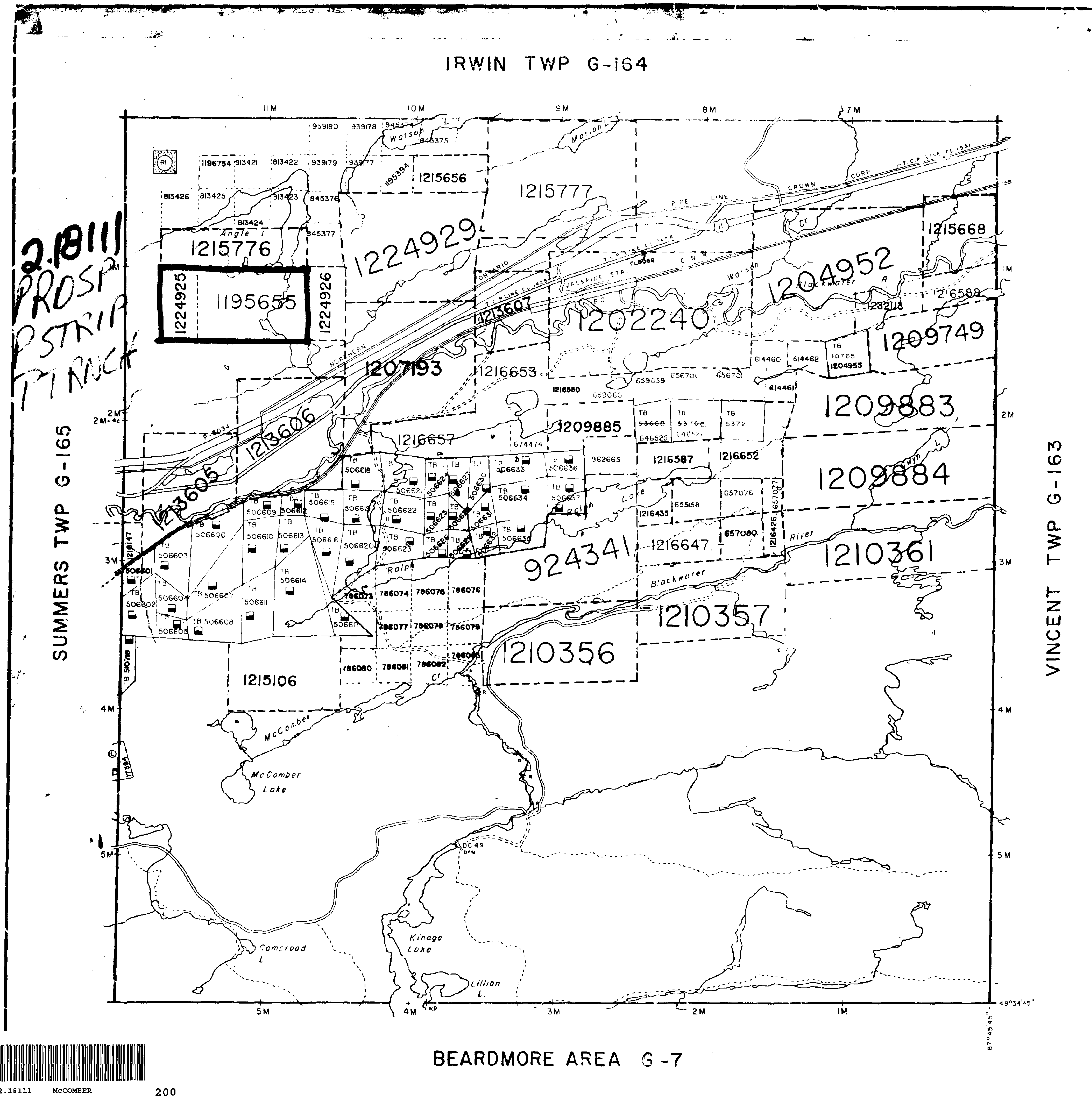
Submission Number: 2.18111

Transaction Number: W9840.00012

Claim Number	Value Of Work Performed
1224926	0.00
1195655	3,034.00
1224925	3,034.00
Total: $	6,068.00

Correspondence ID: 12149

[redacted]



TOWNSHIP

McCOMBER

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

SUMMER RESORT LOCATIONS NOT OPEN FOR STAKING SEC.3(C)

RI SEC.36/80 W.29/83 20/10/83 S.R.O. FILE 180528
See Gathering Lake Landroll

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

INTO SERVICE NOV. 22/89

DATE OF ISSUE

MAR 2 6 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE M.R.O. S.R.C. & M.R.O. OR	
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

LAND USE PERMITS FOR COMMERCIAL TOURISM,OUTPOST CAMPS
*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

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

Ministry of Natural Resources Ontario

Land Management Branch

Date FEBRUARY 10th, 1981

Number **G-166**

42E12NW2002 2.18111 McCOMBER 200

OUTLINE OF CLAIM BLOCKS
WORK PERFORMED 1997

SCALE

4CM = 400
10MM = 100M

N
W E
S

COTE-ANGLE LAKE PROPERTY

McCOMBER TOWNSHIP
MAP G-166

ZONE 9E | ZONE 10E | ZONE 11E | ZONE 12E

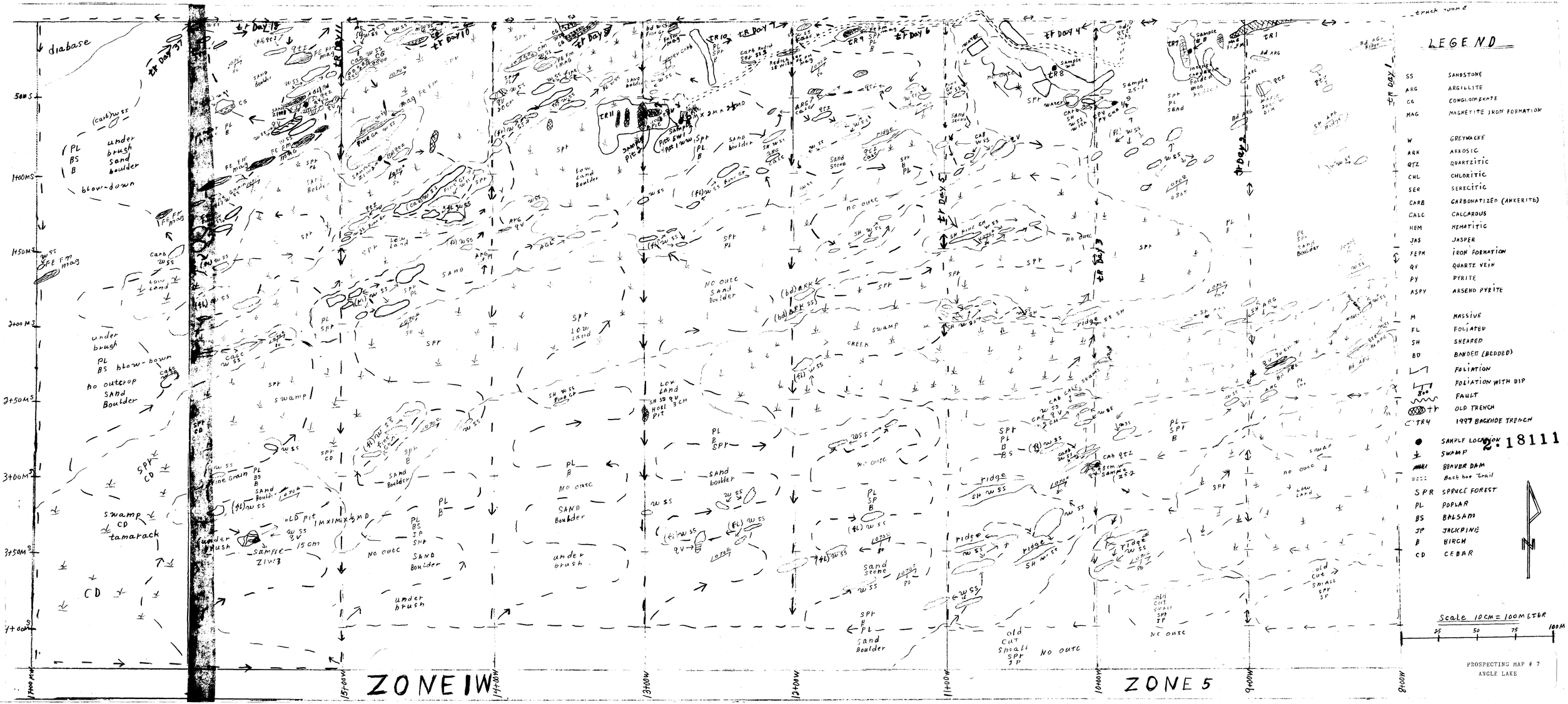
ZONE 4N | 125776 4 UNITS ZONE 3N ZONE 2N | ZONE 1N

ZONE 5E | 1224929 12 UNITS ZONE 6E ZONE 7E | ZONE 8E

ZONE 2W 1224925 2 UNITS | ZONE 6 | ZONE 4 1195655 6 UNITS | ZONE 2 | 1224926 2 UNITS

ZONE 1E | ZONE 2E | ZONE 3E | ZONE 4E

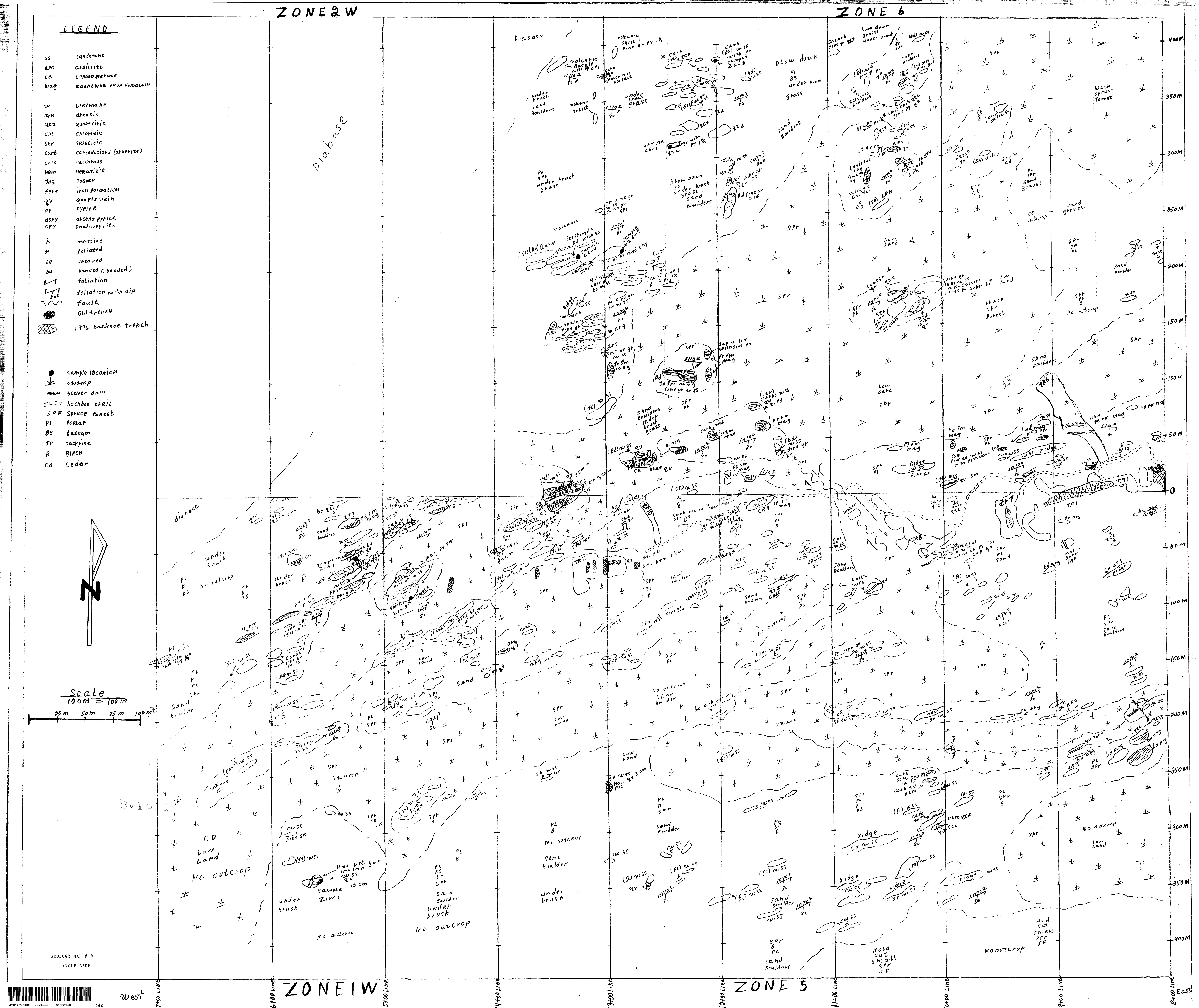
ZONE 1W | ZONE 5 | ZONE 3 | ZONE 1


ZONE IW
ZONE 5
LEGEND
SS SANDSTONE
ARG ARGILLITE
CG CONGLOMERATE
MAG MAGNETITE IRON FORMATION
W GREYWACKE
ARK ARKOSIC
QTZ QUARTZITIC
CHL CHLORITIC
SER SERECITIC
CARB CARBONATIZED (ANKERITE)
CALC CALCAROUS
HEM HEMATITIC
JAS JASPER
FEFM IRON FORMATION
QV QUARTZ VEIN
PY PYRITE
ASPY ARSENO PYRITE
M MASSIVE
FL FOLIATED
SH SHEARED
BD BANDED (BEDDED)
FOLIATION
FOLIATION WITH DIP
FAULT
OLD TRENCH
TR4 1997 BACKHOE TRENCH
SAMPLE LOCATION
SWAMP
BEAVER DAM
Back hoe Trail
SPR SPRUCE FOREST
PL POPLAR
BS BALSAM
JP JACKPINE
B BIRCH
CD CEDAR
2: 18111
Scale 10CM = 100METER
25 50 75 100M
PROSPECTING MAP # 7
ANGLE LAKE

42E12NW2002 2.18111 McCOMBER 230

PROSPECTING MAP #7A

ANGLE LAKE



ZONE2W
ZONE 6
LEGEND
ss sandstone
arg argillite
cg conglomerate
mag magnetite iron formation
w Greywacke
ark arkosic
qtz quartzitic
chl chloritic
ser sericitic
carb carbonatized (ankerite)
calc calcarous
Hem Hematitic
Jas Jasper
Ferm iron formation
qv quartz vein
py PYRITE
aspy arseno pyrite
cpy chalcopyrite
m massive
fl foliated
SH sheared
bd banded (bedded)
foliation
foliation with dip
fault
Old trench
1996 backhoe trench
Sample location
Swamp
beaver dam
backhoe trail
SPR Spruce forest
PL Poplar
BS balsam
JP Jackpine
B BIRCH
cd cedar
N
Scale
10cm = 100m
25m 50m 75m 100m
diabase
Diabase
blow down
black spruce forest
sand gravel
no outcrop
Low Land
sand boulders
under brush
swamp
GEOLOGY MAP # 8
ANGLE LAKE
west
ZONE1W
ZONE 5
East
17+00 Line
16+00 Line
15+00 Line
14+00 Line
13+00 Line
12+00 Line
11+00 Line
10+00 Line
9+00 Line
8+00 Line
400M
350M
300M
250M
200M
150M
100M
50M
0
50M
100M
150M
200M
250M
300M
350M
400M

TRENCH GEOLOGY MAP # 9

ANGLE LAKE