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MINING LANDS SECTION

OVERBURDEN DRILLING
REPORT
TULLY TOWNSHIP
BY
ABITIBI-PRICE INC.
MINERAL RESOURCES DIVISION

Abitibi-Price Inc.
June 1981

D.A. McCombe
Geologist

INTRODUCTION

During early 1981, a program of overburden drilling was completed by Abitibi-Price Inc., Mineral Resources Division on claims held in Tully Twp.

PROPERTY LOCATION & ACCESS

The property consists of fifty-seven claims located in the north western portion of Tully Twp. The claims include the following:

P501085 - P501088

P501051 - P501054

P501075 - P501076

P501081 - P501084

P501089 - P501092

P452503 - P452508

P504762 - P504779

P339239 - P339253

The property was accessible by helicopter.

EXPLORATION PROGRAM

During the period April 10 to 15, 1981, Bradley Bros. Limited performed a reverse circulation overburden drilling program on the claims held by Abitibi-Price Inc. Nine overburden drill holes were drilled for a total footage of 961 feet. The depth of the holes varied from 66 to 158 feet.

The location of the holes are the following:

BA-81-20	339246
BA-81-21	339246
BA-81-22	339247
BA-81-23	339247
BA-81-23A	339247
BA-81-24	339253
BA-81-25	339253
BA-81-26	339252
BA-81-27	339252

The purpose of the program was to test several areas which had indicated mineralization in previous overburden work performed in north western Tully Twp.

RESULTS & CONCLUSIONS

An intermediate volcanic unit with trace py mineralization throughout was intersected in the bedrock in most overburden drill holes. Locally, the intermediate unit was slightly carbonaceous. BA-81-26 intersected a felsic volcanic unit at bedrock. Slight gold values were found throughout this overburden program and further sampling in this general area is recommended.

ASSESSMENT CREDITS

This work is being filed under Section 86-18 of the Mining Act. An assessment credit of 36 days is being applied to the following nine claims:

501085

501086

501087

501088

501051

501052

501053

501076

501081

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION LOGGING PROCEDURES -
TULLY TOWNSHIP, ONTARIO
PREPARED FOR ABITIBI-PRICE LIMITED

The glacial overburden in Tully Township probably comprises the following stratigraphic units:

1. Cochrane Till, which was deposited by a late ice re-advance that glaciated only the bedrock highs. The Cochrane Till probably attains a maximum thickness of 1-2 meters.
2. Lake Ojibway sediments, which underlie the Cochrane Till. The lacustrine sediments consist of varved clay, silt, and fine sand, and may reach thicknesses of 50 meters.
3. Glaciofluvial sands and gravels that were deposited in esker-outwash-delta systems during the development of Lake Ojibway, and again during the Cochrane recession.
4. A till horizon that underlies the Ojibway lacustrine and fluvial sediments and was deposited by the same ice advance that generated the sediments. This till will generally be less than 10 meters thick.

5. Thin erosional remnants of older till, glaciolacustrine, and glaciofluvial horizons from one or more preceding glaciations.

Both the Lake Ojibway sediments and the equivalent glaciolacustrine remnants from the older glaciations have been transported many tens or hundreds of kilometers and are derived from a wide variety of sources. Consequently, these sediments are not useful for geochemical exploration and will not be sampled. Samples will be collected only from the following coarse clastic horizons:

1. TILL
2. INTERBEDDED GRAVEL AND SAND

Much of the till was transported in the basal zones of the glaciers. It is important to note that this basal till need not lie directly upon the bedrock surface, and also that the bottom sample of a particular till horizon generally will not be the most important sample for identifying mineral dispersion trains (only in the case where the sample is collected very close to the source of mineralization).

A thin layer of ablation till may overlie the basal till in parts of the drill area. The clasts of the ablation till will normally display some sorting (e.g.

unimodal in pebbles or boulders) in contrast to those of the basal till which will be varisized. Sand or clay interbeds may also be present in some ablation sections.

TYPICAL FEATURES OF TILL AND GRAVEL

TILL: Till is ice-transported and consequently is unsorted. It is pebbly (0.5 to 5 cm stones) or cobbly (5 to 15 cm stones) with few boulders (except some ablation tills). In Lucas Township the matrix of the Cochrane Till will consist primarily of clay derived from the underlying Ojibway sediments, while the matrix of the older tills will consist primarily of fine sand and silty rock flour derived from the bedrock. It follows that the older tills are a better sampling medium. In areas that were once covered by ancestral equivalents of Lake Ojibway, however, the old tills may locally have a clayey matrix derived from remnants of ancient lake sediments. The clay will appear as tough, gritty lumps on the sample screen and as coatings on pebble cuttings. Overriding of old eskers, in contrast, will produce an exceptionally sandy till. Both the clayey and extra-sandy tills will have a lower clast content than "normal" till. In such sections, most of the +10 mesh fraction should be retained. In "normal" till, 70% of the +10 mesh fraction can be discarded.

Many of the pebbles and cobbles in the till will be subangular, but the degree of angularity or roundness will not be readily apparent in the reverse circulation drill samples where all clasts are reduced to cuttings of less than 1 cm.

GRAVEL: Gravels are water-transported and sorted, and their clasts are rounded. Rounding will not generally be apparent in the chip samples, but sorting will have produced a matrix of coarse sand and granules that contrasts with the fine matrix of the tills. If interbeds of fine lacustrine sand and clay are present in the gravel sections, mixing of the beds while drilling may produce sand-coated clay lumps that resemble the matrix of clayey tills. However, the artificial lumps should not be gritty on the inside and will also tend to be softer and flatter than the till lumps.

DIFFERENTIATION OF TILL FROM GRAVEL

It is critical to our interpretation of any anomalies that TILL be differentiated from GRAVEL and that TILLS of different ages be differentiated from one another. Since both the TILLS and GRAVELS at Detour Lake may have a sand

matrix and will be stony, samples of the two formations will be generally similar. Four parameters will be logged for each pebbly or cobbly section to determine whether that section is a TILL or a GRAVEL and to determine in which glaciation the TILL or GRAVEL was deposited and from which direction it was transported. These parameters are listed below and should be logged in the sequence shown:

1. Colour of the Matrix

2. Typical Particle Size Range of the Matrix

A. Till

- a. Fine to medium sand with silt
- or b. Gritty clay (lumps on screen)

B. Gravel

- a. Medium to coarse sand
- or b. Coarse granular sand (granules are approximately the same size as the 10-mesh screen)

Note: It is essential that all geologists employ the same classification for grain size, and that the terms "fine", "medium", and "coarse" are constant throughout the project.

3. Typical Maximum Clast Size

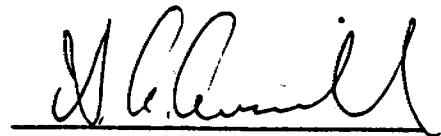
- a. Pebbly - most stones less than 5 cm diameter
- b. Cobbly - common 5 to 15 cm stones

Note: Boulders (greater than 15 cm) are described individually and the boulder sample should be cut from the sand or gravel section.

4. Proportion of Major Clast Lithologies
(as a percentage of total clasts)

This parameter will determine provenance, and hence the critical directions of glacial transport. Different proportions of the following major clast types can be expected to occur in the various clastic overburden horizons in Lucas Township:

1. Metavolcanic/metasedimentary gneisses derived from the formations that underlie the drill area. (In some sections, it will be possible to differentiate the proportion of a particularly distinctive unit such as sericite schist.)
2. Granitic rocks and granitized metasediments from the gneissic area 40 to 200 km north of the drill area.
3. Limestone from the Paleozoic succession of the James Bay Lowland 200 km to the north.



S.A. Averill

GRAPHIC LOG

TILL



Matrix fine-medium sand \dagger silt. Pebbly. Record color of silt.



Matrix as above. Cobbly.



Clayey matrix (gritty lumps on screen and/or clay coating on pebbles). Cobbly. Record color of clay.

GRAVEL



Matrix medium-coarse sand or granules. Pebbly.

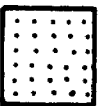


Matrix as above. Cobbly.

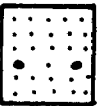


Pebbly with sand interbeds.

SAND



Record grain size (fine, medium, coarse); note thickness of layers and degree of oxidation.



Pebbly sand interbed (few one-quarter inch pebbles on screen)

CLAY



Record color and compactness. Note varves and any sand or silt interbeds.

SILT



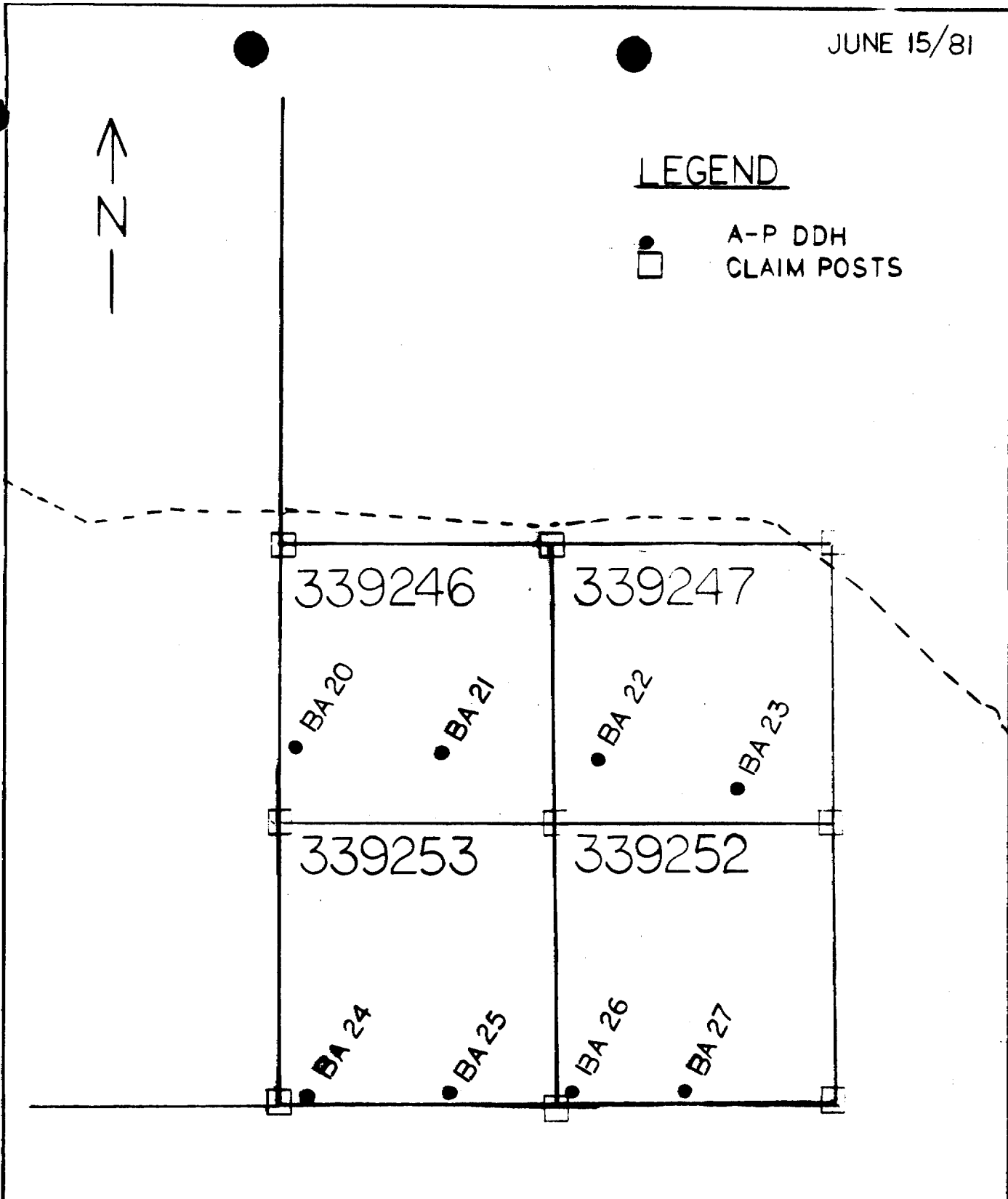
Record color

JUNE 15/81

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LEGEND

- A-P DDH
- CLAIM POSTS



TULLY TWP.

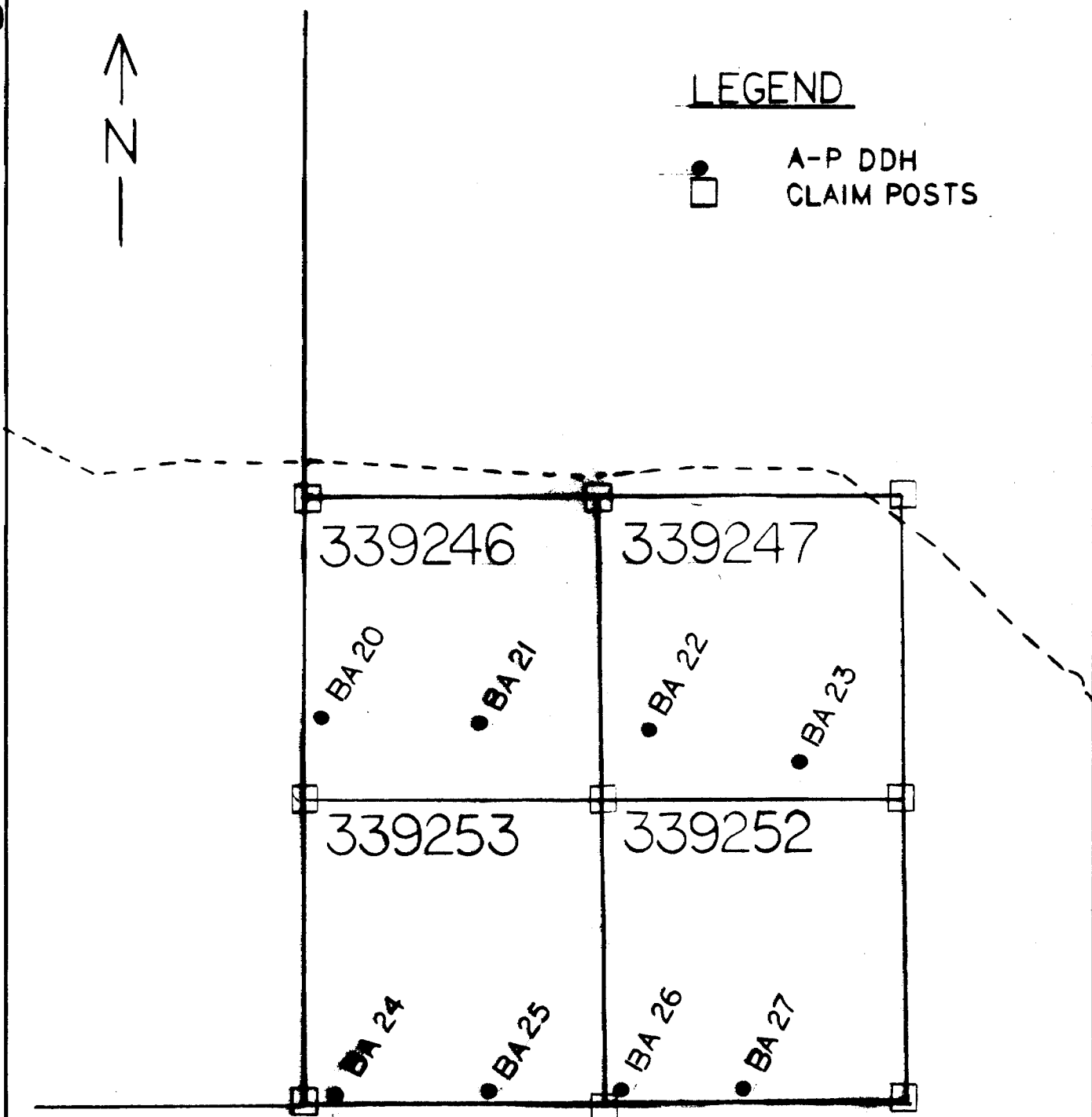
ABITIBI-PRICE INC		
MINERAL RESOURCES		
<u>TITLE</u>		
OVERBURDEN LOCATION		
DETAIL		
NPS	SCALE	OWN
42-A-111	1" = 1/8 MI	JK

JUNE 15/81

—N→

LEGEND

● A-P DDH
□ CLAIM POSTS



TULLY TWP.

ABITIBI-PRICE INC		
MINERAL RESOURCES		
<u>TITLE</u>		
OVERBURDEN LOCATION		
DETAIL		
NYS	SCALE	DWN
42-A-11	1" = 1/8 MI	JK

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 16 1991 HOLE NO. B61980 LOCATION Teller, E of Road.
 GEOLOGIST V. Bergeron DRILLER Ray BIT NO. B61986 BIT FOOTAGE 2-391
 MOVE TO HOLE 7:30 to 8:15. from comp. in presser to 70'ly
 DRILL 8:15 to 10:00
 TOTAL HOURS 2 1/2 MECHANICAL DOWN TIME -
 DRILLING PROBLEMS Duged bit & pump 8:45 to 8:55
 CONTRACT HOURS 2 1/2 OTHER service rig 7-730
Other new bit @ 66' no. B61977, bit footage 0-71

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-59 Clay
10				Light brown 3-6
				gritty 3-30
				grey 6-59
				soft clean 30-59
20				
30				
40				69-68 Gravel - pebbly with sandy beds.
				coarse sand matrix
				volcanics 60%
				paleozoics 20%
				Gr. 20%
				sorted
				cobbly 64-68
60			S1	
			S2	
70			S3	
80				68-73 Bd Rx med grey volcanic
				with a small purple tinge.
				Trace py.
				green mineral (fucacite)
90				

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 10 1981 HOLE NO. B1-21-21 LOCATION Tully E of road
 GEOLOGIST J. Dwyer DRILLER K. J. BIT NO. 1561 437 BIT FOOTAGE 0-99
 SHIFT 10 TO 12:15 MOVE TO HOLE 10:00 to 10:15
 DRILL 10:15 to 12:15
 TOTAL HOURS 2.4 MECHANICAL DOWN TIME -
 CONTRACT HOURS 2.4 DRILLING PROBLEMS -
 OTHER -
 MOVE TO NEXT HOLE -

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-60 clay
10				light brown 3-10
				gritty 3-25
				grey 10-60
20				clean 25-60
				varying 30-60
				minor pebbles throughout.
30				
40				60-87
				Gravel - pebbly.
				coarse sand matrix
				volcanics 60%
				paleozoics 30%
				Gr. 10%
				local rx. cuttings with py.
				not as much +10 (60-76).
				sorted.
60			S1	cobbly 66-87
				lots of +10 80-87.
70			S2	Gr., grey volcanic and biotitic boulders.
			S3	
80			S4	87-92 Bd RX
				light to med. grey
90			S5	volcanic with py.
				schistose
				calcite eyes.

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 10 1981

HOLE NO. 64-21-22 LOCATION Tully Twp. E of R. 5
GEOLOGIST G. Bergeron DRILLER Roy BIT NO. 661432 BIT FOOTAGE 0-57.5

SHIFT 12:15 TO 4:15

MOVE TO HOLE 12:15 to 12:30

DRILL 12:30 to 4:15

TOTAL HOURS 4

MECHANICAL DOWN TIME nil

DRILLING PROBLEMS plugged bit

CONTRACT HOURS 4

OTHER clean tank bit 15 to 1:30
MOVE TO NEXT HOLE - old bit back on.

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0-1 - no return
				1-3 organics
				3-21 clay
10				light brown 3-11
				gritty 3-15
				clean soft 15-21
				grey 11-21
20				minor pebbles
			S1	
			S2	
30			S3	
			S4	
40			S5	21-32
			S6	Gravel - cobbly
			S7	coarse sand matrix
			S8	volcanics 60%
50			S9	paleozoics 20%
			S10	Gr. 20%
			S11	local rx cuttings with py.
60			S12	(grey tuffish)
			S13	sorted.
			S14	
70			S15	
			S16	
80			S17	32-92, Till - cobbly
			S18	fine sand matrix
			S19	sand beds.
90			S20	volcanics 70%
			S21	paleozoics 20%
			S22	Gr. 10%
			S23	not much +10 32-37.
100			S24	local rx cuttings (volcanics)
			S25	sorted

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OVERBURDEN DRILLING MANAGEMENT LIMITED
 REVERSE CIRCULATION DRILL HOLE LOG

DATE _____ 19__

HOLE NO. PL 51-22 LOCATION _____

SHIFT _____

GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____

_____ TO _____

MOVE TO HOLE _____

TOTAL HOURS _____

DRILL _____



CONTRACT HOURS _____

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
110			S14	59-92 pebbly Till fine sand matrix
20			S15	69-75 fine pebbly very well sorted till. sand beds volcanics 70% paleozoics 2.2% Gr. 10% clayey in places. local RY cuttings.
30				92-119 Gritty clay balls with pebbles and cobbles in places.
				119-123 BdRX. med green volcanic very schistose. med grey volcanic appears @ 122' which is associated with the green volcanic. py in both.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG





DATE April 11 1981 HOLE NO. BA-81-23 LOCATION Tully, East of Road.
 GEOLOGIST V. Berger DRILLER Roy BIT NO. B61477 BIT FOOTAGE 0-257
 SHIFT 2:30 TO 1:45 MOVE TO HOLE 7:30 to 7:45
 DRILL 7:45 to 1:45
 TOTAL HOURS 6 1/4 MECHANICAL DOWN TIME -
 CONTRACT HOURS 6 1/4 DRILLING PROBLEMS 12:00 to 1:45 problem pulling rods.
 OTHER travel 7-7:30.
 MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-30 clay.
6				light brown 3-6
15				gritty 3-15
30				grey 6-30
15				clean 15-30
30				30-40 Gravel - cobbly
40				with gritty clay.
40				coarse sand matrix.
40				volcanics 40
40			S1	palaeozoics 10
40				Gr. 10
40				40% clay.
40				40 to 60 pebbly sand
50			S2	interbeds.
50				medium sand grains
50				not much +10.
50			S3	easy drilling
60				60-80
60			S4	Till - pebbly fine sand
60				matrix.
60			S5	lots of +10.
60				local Rx cuttings
60				vol. 60%
60			S6	mat. 20%
60				Gr. 20%
80			S7	80-97 Gravel - cobbly.
80				coarse sand matrix
80			S8	sand beds 83-85.
80				93-95
80				lots of +10
80			S9	local Rx cuttings (med grey
80				volcanic).
80				vol 70%
80				mat 20%
80			S10	Gr. 10%

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OVERBURDEN DRILLING MANAGEMENT LIMITED
 REVERSE CIRCULATION DRILL HOLE LOG

DATE _____ 19____ HOLE NO. SA-01-23 LOCATION _____
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 SHIFT _____ MOVE TO HOLE _____
 _____ TO _____ DRILL _____
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
10			S10	Gritty clay balls (97-132) minor pebbles.
20			S11	132-138 pebbly sand interbeds with local RV cuttings. py. in locals.
40			S12	138-154 Gritty clay balls. minor pebbles.
60			S13	154-158 BdRX med. grey int med. volcanic.
70				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 11 1981

HOLE NO. PA-81-24 LOCATION Tully, East of Road.
GEOLOGIST V. Bergeron DRILLER KCY BIT NO. B61981 BIT FOOTAGE 0-69

SHIFT 1:45 to 3:30

MOVE TO HOLE 1:45 to 2:30
DRILL 2:30 to 3:30

TOTAL HOURS 1 3/4

MECHANICAL DOWN TIME nil

CONTRACT HOURS 1 3/4

DRILLING PROBLEMS plug bit.
OTHER spot hole 1:45-2:30
MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-56 clay.
10				light brown 3-8
				grey 8-56
				gritty 3-25
				stiff 3-25
20				clean 25-56
				soft 25-56
				varying 45-56
30				
40				56-64 Till-pebbly
				fine sand matrix
50				vol. 70%
				pt. 00%
				Gr. 10%
				Local px cuttings
60			S1	sorted.
			S2	(61-63) not much px
			S3	
70				
80				64-69 Bdpx
				med grey intermediate
90				volcanic with py.
100				

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 11/12 8V HOLE NO. B1-81-25 LOCATION Tully top. Ed Road.
 7.45 TO 9.08
 GEOLOGIST D. Barron DRILLER KCY BIT NO. 61401 BIT FOOTAGE 0-120
 SHIFT 3:30 TO 5:15 MOVE TO HOLE 3:30 to 3:45 to 3:45 to 5:15 to 7:45 to 9:08
 DRILL 3:45 to 5:15
 TOTAL HOURS 1 1/4 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS plug bit twice
 CONTRACT HOURS 1 1/4 OTHER _____
 MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-68 clay.
8				light brown 3-8
8				grey 8-68
30				gritty 3-30
30				clean 30-68
30				stiff 3-30
30				soft 30-68
30				vauging 50-68.
30				minor pebbles.
48				68-73 Till- pebbly
48				fine sand matrix
48				sorted.
53				73-80 Till- cobbly.
53				fine sand matrix with clay.
53				volcanics 60 sorted.
53				paleozoics 30
53				Gr. 10
53				local rx cuttings (grey
53				int med vol).
70			51	
70			52	
80			53	80-89 Gravel- very
80			54	cobbly
80			54	coarse sand matrix
80			54	local rx cuttings with
80			55	py cubes.
80			55	volcanics 60%
80			55	paleozoics 35%
80			55	Gr. 5%
80			55	sorted

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 12 1981 HOLE NO. GA-81-26 LOCATION Tully, E of Road
 GEOLOGIST V. Berger DRILLER Ray BIT NO. 61481 BIT FOOTAGE 303
 SHIFT 9 TO 1 MOVE TO HOLE 9:00 to 9:15
 TOTAL HOURS 4 DRILL 9:30 to 1:00
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS problem pulling rods.
 CONTRACT HOURS 4 OTHER 9:15 to 9:30 clean Ho tank.
 MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-1 no return
1				1-3 organics
3				3-43 clay
10				light brown 3-10
				grey 10-43
				gritty 3-24
20				clean 24-43
				soft 24-43
				stiff 3-24.
				minor pebbles.
40				43-50 Till - pebbly
			S1	fine to med sand matrix sorted.
50				cobbly 50-55 with minor
			S2	volcanics 70% clay.
				paleozoics 20%
				Gr. 10%
60			S3	local rv cuttings (med grey and med. green volcanic).
			S4	55-60 sandy with pebbly interbeds.
70			S5	
			S6	
80			S7	60-98 Till - sorted.
			S8	pebbly 60-75
90			S9	fine to silty sand matrix (60-98)
				not much +10 (70-95)
100			S10	local rv cuttings with py. (throughout)
				very sandy throughout
			S11	

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OVERBURDEN DRILLING MANAGEMENT LIMITED
 REVERSE CIRCULATION DRILL HOLE LOG

DATE _____ 19____ HOLE NO. BA-81-26 LOCATION _____
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 SHIFT _____ MOVE TO HOLE _____
 _____ TO _____ DRILL _____
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				cobbly 77-95
			S11	pebbly 95-98 (well sorted)
110				(60-98) volcanics 70% paleozoics 25% Gr 5%
			S12	
			S13	
120			S14	98-110 Gravel - cobbly.
			S15	coarse sand matrix
130			S16	locals with py. sand bed 103-105 volcanics 70% paleozoics 20% Gr. 10%
140				110-124 Till
150				clayey matrix, silty sand } 110-117 not much +10
				pebbly } 117-124 silty
				generally: easy drilling, very sandy, locals, more vol.
				124-128 gravel - pebbly coarse sand matrix volcanics 70% paleozoics 20% Gr. 10% Locals.
				128-133 BdRX. light grey felsic volcanic schistose

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 12 19 81 HOLE NO. BA-EI-27 LOCATION 741/4 East of Red
 GEOLOGIST V. Bergin DRILLER Roy BIT NO. BG1981 BIT FOOTAGE 69 ft
 SHIFT 1:00 TO 6:00 MOVE TO HOLE 1:00 TO 1:15
 TOTAL HOURS 1:15 TO 5:15 DRILL 1:00 TO 5:15
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER trouble pulling rods.
 CONTRACT HOURS 5 MOVE TO NEXT HOLE to camp 5:15 to 6:00 (Redwell)

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				0-1 no return
				1-3 organics
10				3-32 clay light brown 3-8
				grey e-32
				gritty 3-15
20				clean s.s. 3-2
				stiff 3-15.
				soft 15-32
				minor pebbles
30				
40			S1	32-42
				Till - very clayey matrix
			S2	silty to fine sand (very sandy)
50			S3	pebbly. 15%
				minor locals 15%
			S4	light grey clay.
				42-51 Till - cobbly
60			S5	silty to fine sand.
				not much +10
				volcanics 60% (very sandy)
			S6	paleozoics 30%
70				G.F. 10%
			S7	51-62 Till - clayey matrix
				silty to fine sand. (very sandy)
80			S8	not much +10.
				light grey clay.
90			S9	62-95 Till - cobbly.
			S10	fine to medium sand matrix (62-64)
				silty to fine (64-95)
100			S11	lots of +10 and local Rx.
				sorted.

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE _____ 19____ HOLE NO. BA-81-27 LOCATION _____
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 SHIFT _____ MOVE TO HOLE _____
 _____ TO _____ DRILL _____
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
110		95-115	512	Till - clayey matrix silty to fine sand. not much +10. more clay 100-110.
			513	
120			514	
130				
140		115-146	515	gritty clay balls, with minor pebbles and cobbles.
15		146-148		BDRX med. grey black volcanic (carbonaceous). only 2' because same BDRX as other holes (volcanics) also last hole in area, would of had to go back next day & drill 3', instead of moving to Lucas. (lost of time)

Geochemical Lab Report

MAY 14 1981

Project: ABITIBI-801

Report No. 11-509

Location: FR. AA

From: Abitibi Price Mineral Resources
Order # TN 1326, Account # 110-26

Method Used: H.M.C. reduced to -200 mesh

Date: May 6, 19 81

SAMPLE NO.	Au ppb	sample weight	SAMPLE NO.	Au ppb	sample weight
			BA-81-21-02	20	
			21-03	85	
			21-04	60	
			22-01	35	
			22-02	10	
			22-03	30	1.5
			22-04	2240	
			22-05	25	6.0
			22-06	10	
			22-07	ND	
			22-08	10	
			22-09	245	
			22-10	10	
			22-11	15	
			22-12	45	
			22-13	20	
			22-14	30	
			23-01	30	5.0
			23-02	30	
			23-03	25	
			23-04	10	8.0
			23-05	10	
			23-06	1240	
			23-07	15	
			23-08	245	
			23-09	5	
			23-10	90	
			23-11	10	
20-01	30		23-12	105	
20-02	15		24-01	70	
21-01	10		24-02	40	

↓ Tully Twp

Geochemical Lab Report

Extraction: Cu Pb Zn Ni Ag HNO₃-HCl As HNO₃-HCl Report No. 111-509
 Method: A.A., Colorimetric From: Abitibi Price Mineral Resources
 Action Used: -200 mesh Date: May 4 19 81

SAMPLE NO.	Cu ppm	Pb corr ppm	Zn ppm	Ni corr ppm	Ag corr ppm	As ppm	REMARKS
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20-01	143	32	50	350	ND		↓ TULLY TWP
20-02	120	50	69	155	ND	50	
21-01	62	15	55	44	ND		

Jan

SAMPLE NO	CO NO	CO NO	CO NO	CO NO	AS PER	REMARKS
EA-81-21-01 5/4R	50	14	33	33	ND	
21-03	52	14	33	39	ND	
21-04	265	24	57	230	1.0	
22-01	89	14	149	89	0.5	
22-02	75	16	138	58	0.4	
22-03	90	34	93	48	0.4	
22-04	66	75	44	42	0.3	
22-05	60	18	45	60	0.2	
22-06	56	20	54	34	0.2	5
22-07	54	13	43	34	0.3	
22-08	58	170	40	39	0.3	
22-09	56	23	38	43	0.3	
22-10	62	19	45	36	0.2	
22-11	170	19	45	125	0.4	
22-12	70	33	55	59	0.3	
22-13	54	20	47	40	0.2	
22-14	59	18	45	70	ND	
23-01	100	23	70	57	0.6	
23-02	75	14	56	50	0.4	7
23-03	74	14	56	39	0.3	
23-04	66	17	44	44	0.2	
23-05	65	16	52	43	0.4	
23-06	60	20	46	42	0.4	
23-07	93	30	52	55	0.3	
23-08	74	20	55	38	0.4	
23-09	54	16	55	36	0.4	
23-10	57	17	46	57	0.4	
23-11	58	13	45	160	0.4	
23-12	82	18	65	78	0.4	18
24-01	80	18	78	69	0.4	
24-02	74	12	70	60	0.4	
	NOTE: ND means not detected					
	Au results to follow.					

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Chemical Lab Report

784 211 7457
 PHONE 227-127
 111-0351

Extracted Au HCl-HCl
 Method Fa-A.A.
 Fraction Used -200 mesh

Report No. 111-0351
 From Alameda Price Mineral Resources
 Date May 20 19 81

SAMPLE NO.	Au Ppb	Wt. in gms	SAMPLE NO.	Au Ppb	Wt. in gms
BA-81-25-01 3/4H	15	10	BA-81-27-12 3/4H	50	10
25-02	510	10	27-13	55	10
25-03	190	10	27-14	240	10
25-04	15				
25-05	50				
26-01	ND				
26-02	ND				
26-03	75				
26-04	ND				
26-05	ND				
26-06	ND				
26-07	50				
26-08	20				
26-09	20				
26-10	180				
26-11	20				
26-12	10				
26-13	10				
26-14	20				
26-15	10				
27-01	90				
27-02	ND				
27-03	ND				
27-04	85				
27-05	35				
27-06	470				
27-07	10				
27-08	ND				
27-09	20				
27-10	105				
27-11	75				

Tully Top

Ref: _____

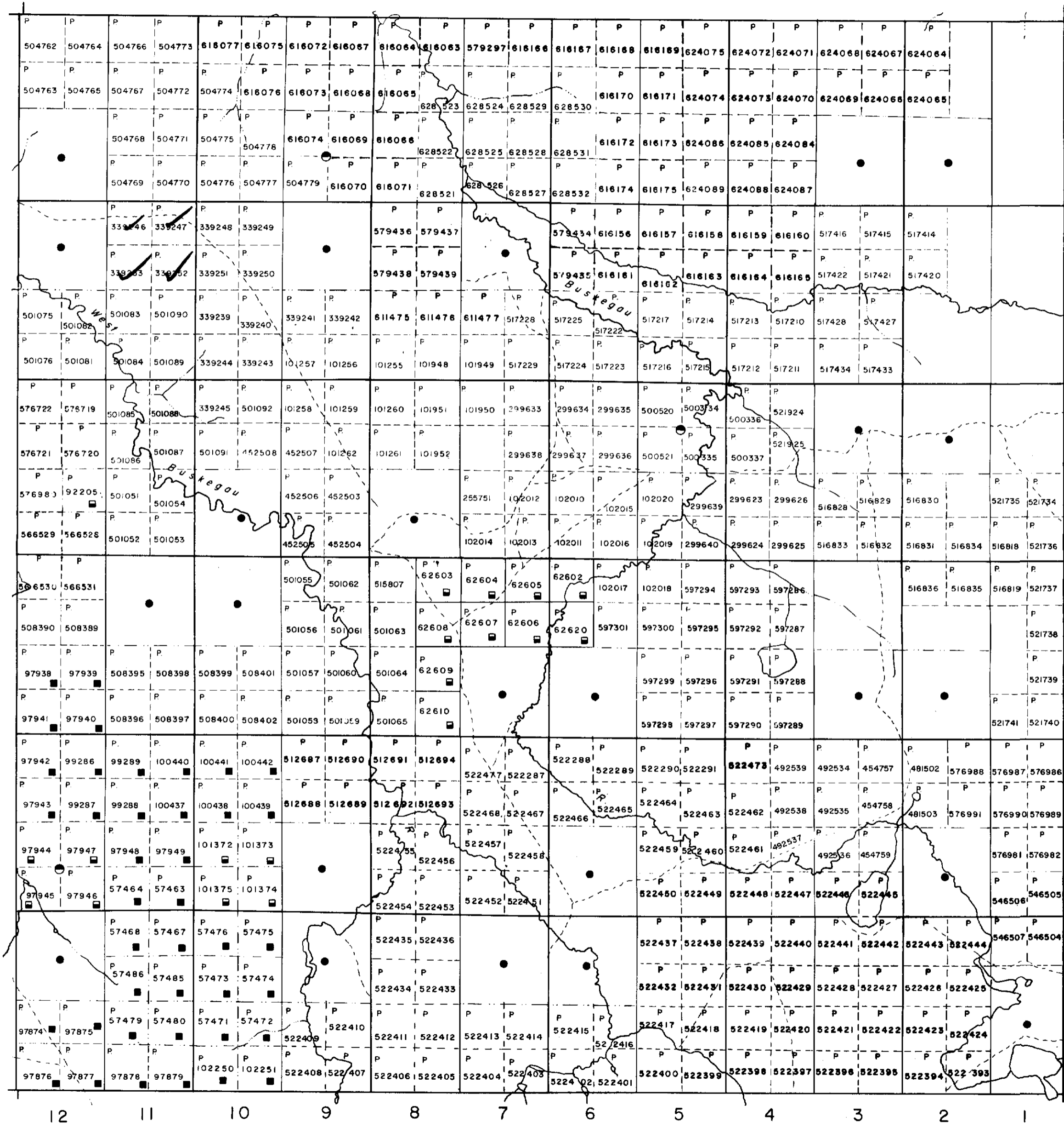
SAMPLE NO		CO PER CENT	1 ST ST PER CENT	2 ND ST PER CENT	3 RD ST PER CENT	4 TH ST PER CENT	REMARKS
1A-81-27-12 3/4H		6-	23	45	44	ND	
27-13		51	14	62	47	ND	
27-14		42	31	34	82	ND	

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

DATE OF ISSUE
 JAN - 7 1982
 Ministry of Natural Resources
 TORONTO

DUFF Tp. M.466



PROSSER Tp. M.571

LITTLE Tp. M.535

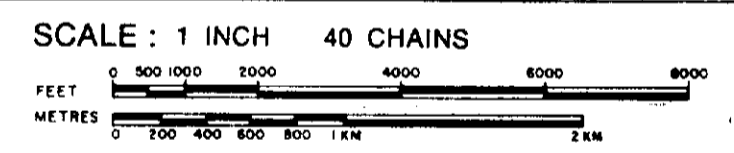
GOWAN Tp. M.285

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
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

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 | |
| CROWN LAND SALE | C.S. |
| ORDER-IN-COUNCIL | OC |
| RESERVATION | |
| CANCELLED | |
| SAND & GRAVEL | |



ACRES	HECTARES
40	16

TOWNSHIP
TULLY
 DISTRICT
 COCHRANE
 MINING DIVISION
 PORCUPINE

2.3963

Ministry of Natural Resources
 Ontario Surveys and Mapping Branch

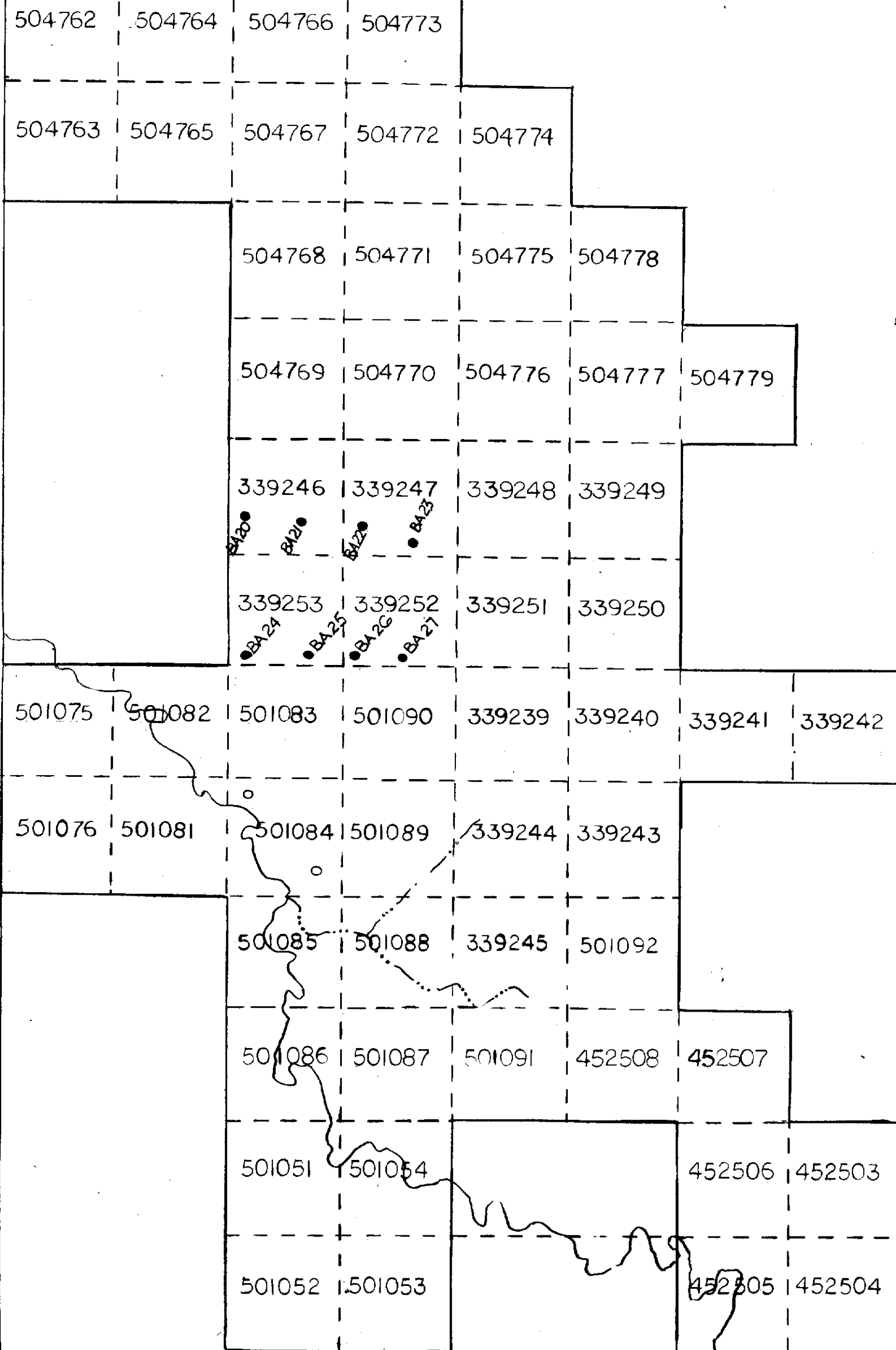
Date Nov. 1978 Plan No. M.607
 Whitney Block
 Queen's Park, Toronto



LUCAS DUFF

PROSSER

TULLY



ABITIBI - PRICE INC. MINERAL RESOURCES			
TITLE OVERBURDEN DDH LOCATIONS - TULLY TWP.			
NTS: 42-A-11	SCALE: 1" = 1/4 MI.	APPR'D: <i>L. Nelson</i>	
DWN BY: <i>L. Kelly</i>	DATE: 6/15/81	SHT. NO.: 1 OF 1	GEOLOGIST: <i>DA McComb</i>

