



31D14NE0001 63.5972 MATCHEDASH

63.5972

010 7P 90-465-

Geology: In discussion with Chris Marmot of the Huron Regional Geologist office the only available geological information is by W.H. Schneider and Mauser 1982. Geology of the Sarnia Region. Geological Survey of Canada, Paper 82-1B pages 195 to 207.

Recent work by Culshaw has not yet been published.

The area is within the Huron Province and contains metaigneous and metasedimentary rocks.

Through the area adjacent to the Severn the geology is shown as undeveloped paragneisses, foliated to gneissic granite and quartz monzonite, gneissic monzonite to quartz diorite metatonalite and mafic gabbro. Undeveloped paragneisses.

Prospecting methods:

As this was a preliminary investigation of a report by Chris Marmot of the Huron

office of graphite in the
Severn Falls area, prospecting
consisted of on the ground
visual investigation of rock
outcrops and rock cuts along
the roads and railways with
limited traverses where
warranted. Grab samples
were taken at sites indicated
on the claim maps that
required further analysis
by assay. Trenching or more
advanced prospecting did not
appear to be justified on
any of the noted showings

Recommendations:

As there is graphite showing
at and immediately south
of Severn Falls and on the
CNR right of way south of the
Severn River in Hatchelash Twp
further prospecting between these
two areas might be justified.
The area immediately to the
west has been removed from
staking.

Aerial photos of this show area
show considerable outcrop that would
assist in some preliminary
exploration.

Prospecting Daily Log:

Project Area	Date	Work Performed
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Wood-Matchedash. Baxter Inyo Adjacent to Severn River	Aug 16/90	Preliminary prospecting Severn Falls area to confirm report of graphite.
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Aug 17/90 Prospecting South
of Severn Falls on CPR
for approx 4 km. fine
grain graphite in
weathered banded
felsic gneiss at 1 km
South of Severn Falls

Aug 19/90 Prospected North
of Severn Falls on CPR
for 3 km. Sphalerite in
pegmatite at 2500' N
of bridge (1 sample)

Sept 3/90 Prospected in
immediate Severn Falls
area - Several outcrops
with fine grain graphite
in weathered felsic gneiss
probably less than 1%

Sept 8/90 Prospected S of Severn
Falls on road to showing
Some outcrops with
graphite in in
isolated pockets
in felsic rock.
Some sulphides in
possible gabbro.
N60°E to try to
establish continuity
to Severn River. No
surface showings.

Sept 9/90 Prospected north
side of Severn River E
of CPR bridge on hydro
line approx 2 km. No
surface showings.

Sept 27/90 Prospected showing
in rock cut 1 km south
of Severn Falls. Traced
showing 240° for 1500'
to CPR and 60° for 400'
Graphite and minor
sulphides in banded
felsic gneiss and possible
gabbro (5 samples taken)

Sept 28/90 Prospected on CPR
north of Severn River to
Shaw's Creek at Mile 107
No showing beyond 2500'
north of bridge.
Prospected rock cuts on
Whites Dam road Baxter
Twp. Minor sulphides
in possible gabbro
(2 samples)

Oct 5/90 Prospected rock cuts
east of Hwy 69 on
Whites Dam road Baxter
Twp. Sulphides in possible
gabbro for 1/2 km approx
1 1/2 km east of Whites
Dam. Prospected North
to Sixmile Lake and South
to Slouwater Pool
(2 samples taken)

Oct 13/90 Prospected CNR north
from Severn River for
approx 5 km. Geological
map indicates a contact
in area of CNR No mineral
now noted.

Oct 14/90 Prospecting south
on CNR from Southwood
to meet where I come
north from Severn River
no mineralization
noted

Oct 20/90 Prospected CNR south
of Severn River for 3 miles
some weathered banded
felsic gneiss approx 1 mile
south of River. Strike 220°

Oct 21/90 Prospected CNR south
of Severn to banded gneiss
then 220° for approx 2 km
no indication of mineralization

Oct 22/90 Prospected CNR south
to banded gneiss then 50°
to Severn River on strike
no outcrop of banded felsic
gneiss noted. no
mineralization.

Location of Prospecting
Wood-Bayfer Twp - Dist Muskoka
Matchedash Twp - Dist Simcoe
As per claim maps included.

Description of Samples

No	Type	Rock	Mineralization	Assay
51	grab	pegmatite	Sulphides	
52	grab	felsic gneiss	Sulphide	
53	grab	felsic gneiss	Sulphide	
54	grab	felsic gneiss	Sulphide	
55	grab	felsic gneiss	Sulphide	
B1	grab	possible gabbro	Sulphides	
B1-A	grab	possible gabbro	Sulphides	
B1-B	grab	possible gabbro	Sulphides	
B1-1	grab	possible gabbro	Sulphides	

Samples sent for assay in December
 results not as yet recieved but will
 be forwarded immediately on
 receipt.



X-RAY ASSAY LABORATORIES

A DIVISION OF SGS SUPERVISION SERVICES INC.
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CERTIFICATE OF ANALYSIS REPORT 14446

TO: JAMES R. ATKINSON
#41 - 2006 GLENADA CRESCENT
OAKVILLE, ONTARIO
L6H 5R9

CUSTOMER No. 2072

DATE SUBMITTED
4-Jan-91

REF. FILE 9189-U3

Total Pages 1

11 ROCKS

	METHOD	DETECTION LIMIT
AU PPB	FADCP	1.
C GRAP %	COULOM	0.05
NI PPM	DCP	1.
CU PPM	DCP	0.5
PT PPB	FADCP	10.

DATE 24-JAN-91

CERTIFIED BY 

Philip Boctor, Laboratory Manager

SAMPLE	AU PPB	C GRAP %	NI PPM	CU PPM	PT PPB
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3001	<1	--	1550	1020.	<10
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3002	--	0.36	--	--	--
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3003	<1	0.29	--	--	--
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3004	14	--	--	--	--
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3005	4	--	--	--	--
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3006	9	--	--	--	--
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3007	--	0.17	--	--	--
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3008	<1	--	--	--	--
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3009	--	0.07	--	--	--
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3010	2	--	--	--	--
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3011	<1	--	--	--	--
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Prospected ---
Sampled x

Matche dash
Twp



N. 88° E.

Wood Twp. (M. 162)

THE ABOVE MAP WAS MADE BY
ST. JOHN'S, N.S., IN 1961, BY
HY. DOMINION, DEPARTMENT
OF THE INTERIOR

TRANSFERRED TO CROWN MAY 16, 1961

RESERVED FOR

(P) REFORESTATION FILE 39602

Dumbell Lake

P 7005.4

Hwy 400

5170

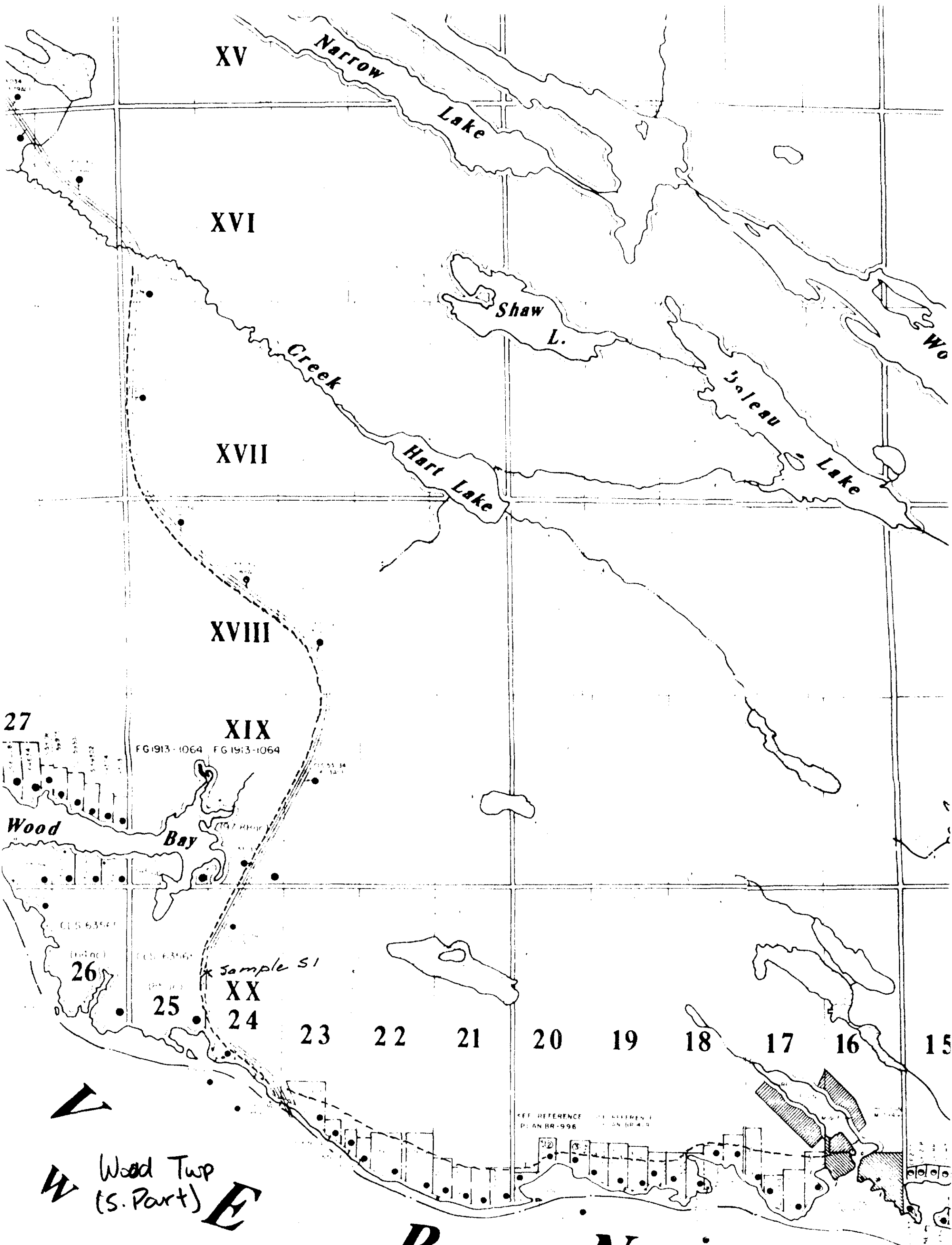
P 7005.8

HEPC



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210



31D14NE0001 63.5972 MATCHEDASH

220

S

R

N

II

