

PETROGRAPHIC DESCRIPTION

I. FIELD NOTES

No.

Occurrence:

Question: Is the rock a diorite intrusive or a lava flow?

Date: 11/2/51

Locality: Neepawa Island.

II. HAND SPECIMEN DESCRIPTION Fine-grained, slightly schistose, dark-green rock spotted with numerous cubes and irregular octahedra of pyrite. The specimen is traversed by scattered irregular veinlets of quartz less than 0.1 inch in width. The rock is fairly soft (H - 3-4) and effervesces in cold dilute hydrochloric acid.

III. MICROSCOPIC STUDY

Texture: Fine-grained, inequigranular, xenomorphic.

Original Structure: (Destroyed by alteration)

Secondary Structure:

PRIMARY Major Constituents %	SECONDARY Alteration Products %	METAMORPHIC %
	Chlorite- 40% Carbonate- 50%	
Accessory Minerals		Introduced Minerals % Quartz- 10% Pyrite- (1-2%)

DESCRIPTION: The main part of the section is made up of an intimate mixture of small, irregular flakes of chlorite and slightly larger grains of carbonate. A few small grains of quartz lie within this intergrowth. Quartz occurs as small irregular pods and also in veinlets that follow fractures. The quartz is typical vein quartz appearing as an intergrowth of small grains with interlocking, sutured texture. Some of the pods show cockscomb structure, and a few larger grains of quartz show undulatory extinction. Small shreds of chlorite and small grains of carbonate lie within the quartz, and in one place small grains of pyrite lie interstitially between the quartz grains. It is possible that the quartz and pyrite were introduced at the same time.

Small fractures cut the section irregularly. The finer fractures are surrounded by a concentration of chlorite and are lined by finely disseminated pyrite. In a few places veinlets of quartz lie along the fractures and the quartz appears to have replaced the rock away from the fractures.

No trace of the original minerals that made up the rock are left. However, the alteration products carbonate and chlorite suggest that the rock was formed by extreme hydrothermal alteration of fairly basic material. The quartz and pyrite were introduced, possibly together and possibly at the same time the rock was

(over)

altered. This action apparently followed the development of the fractures.

It is not evident from the mineralogy of the rock whether it was originally a lava flow or an intrusive rock. However, the fine-grained appearance, and the absence of any residual structure, suggests that the original material was fine grained, and this might indicate that the original rock was either a lava flow or a fine-grained, quickly cooled dyke.

(The small, pod-like occurrences of quartz have some characteristics of agdules, and it might be worthwhile to examine the outcrop area for any evidence of amygdaloidal structures towards the upper contact.)

Head Office:
73 ADELAIDE ST. W.
Toronto, Ontario
ELgin 8987



Branch Office:
23-47th AVENUE
Sioux Lookout, Ont.
Telephone 113

ASSAYED BY

The Toronto Testing Laboratory, Limited
CHEMISTS, METALLURGISTS & ASSAYERS

DATE Aug., 2nd., 1950

SAMPLES FROM Mr. Larry MacDonald,

ASSAY NO. S-1380

SAMPLES OF (4) Ore Sioux Lookout, Ont.

LAB. NO. N-2024-2027

	OUNCES GOLD	GOLD AT 35.00	SILVER	LEAD	ZINC	COPPER	NICKEL
Sample # 18	0.12	4.20	(X) MAIN	SNOW	SAMPLED BY	E. CHISOLM	
" 19	0.10	3.50	(X) MAIN	SNOW	"	L. MAC DONALD	
" 20	0.04	1.40	(Y) PART	SNOW	"	E. O. CHISOLM	
" 21	Nil			GTZ VEIN	NEAR Y	L. MAC DONALD	

For Inter-office Correspondence Only

Conwest Exploration Company Limited

TO Mr E.O. CHISOLM

DATE _____

IN REPLY TO YOURS OF _____

FROM _____

SUBJECT _____

Sir:

YOUR FAME IS SPREADING!

Johnny McLeod



CANADIAN PACIFIC TELEGRAPHS

World Wide Communications

The time shown is the date time STANDARD TIME at place of origin. Time of receipt is STANDARD TIME at place of destination.

WNA31 22^{OP} TORONTO ONT 20 1212P⁼

RE O CHISHOLM⁼

203 MAIN ST SOUTH KENORA ONT⁼

WOULD YOU KINDLY WIRE OR MAIL SOME INFORMATION TO REACH
HERE BY MONDAY MORNING FOR PRESS RELEASE ON ACTIVITY AT
NEEPAWA ISLAND⁼

HURST⁼

1132AM⁼

CENTRAL
MANITOBA

BASE LINES

S.W

N.E
S-20

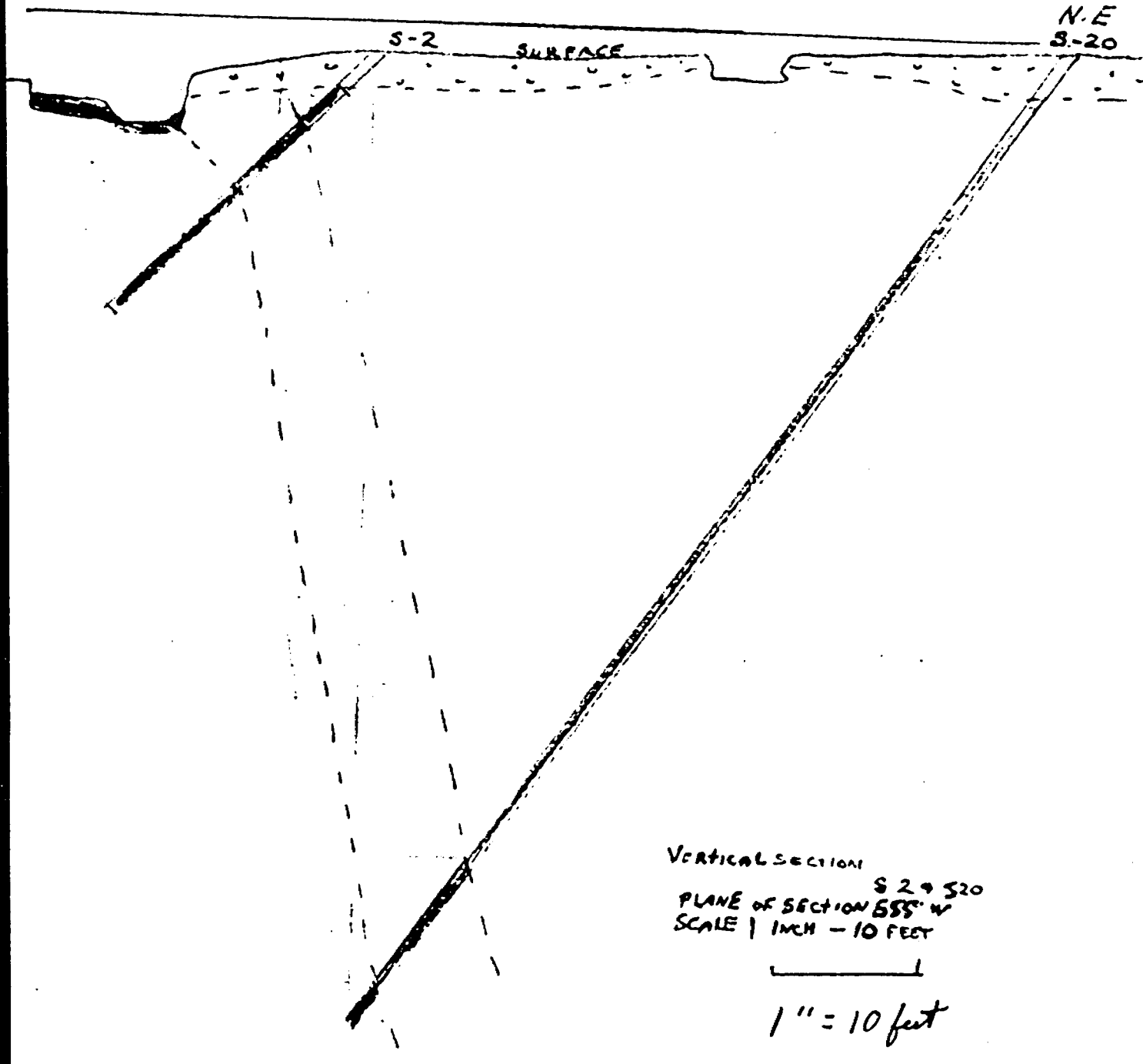
S-2

SURFACE

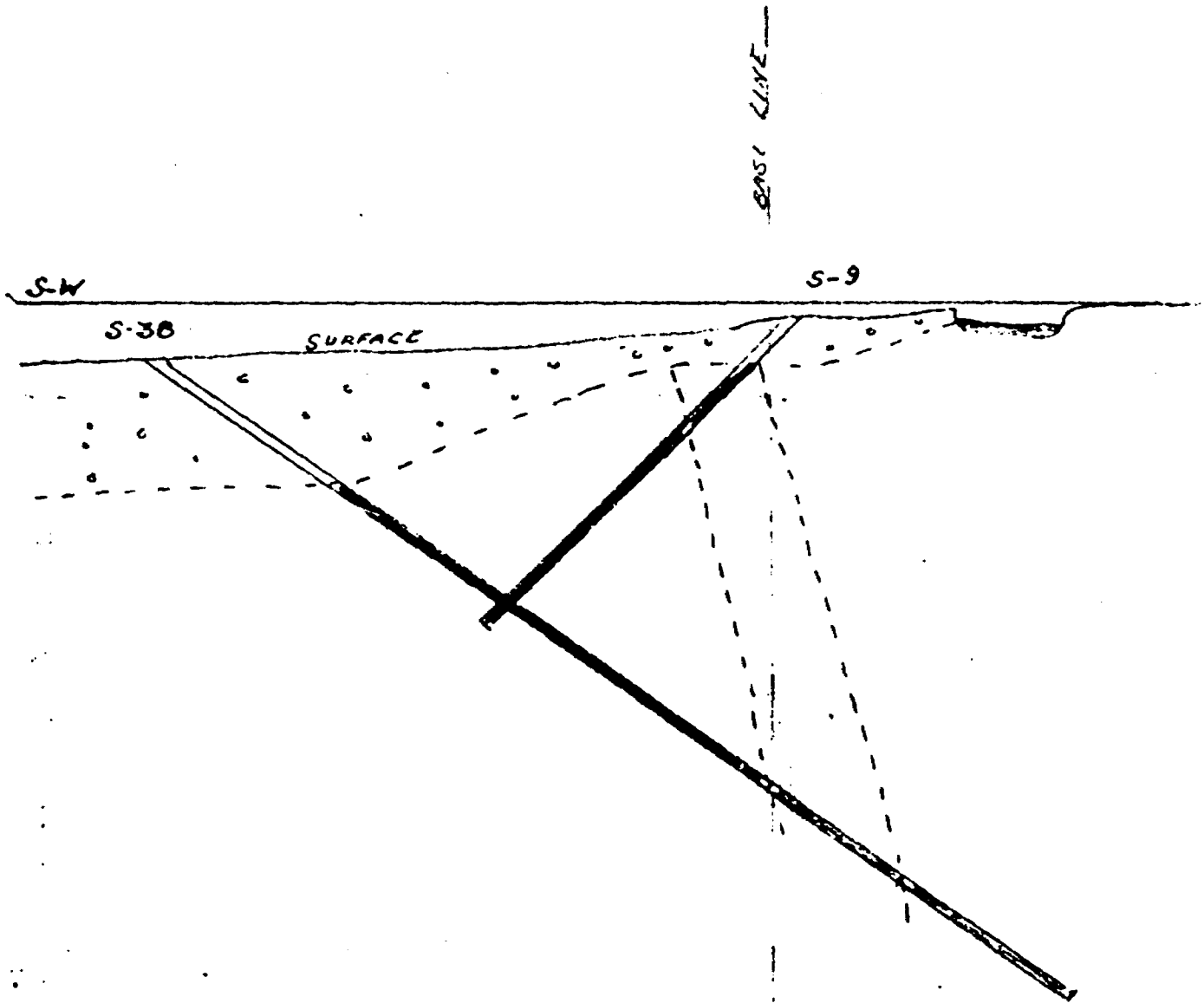
VERTICAL SECTION
S 29 S 20
PLANE OF SECTION S 55 W
SCALE 1 INCH = 10 FEET



1" = 10 feet

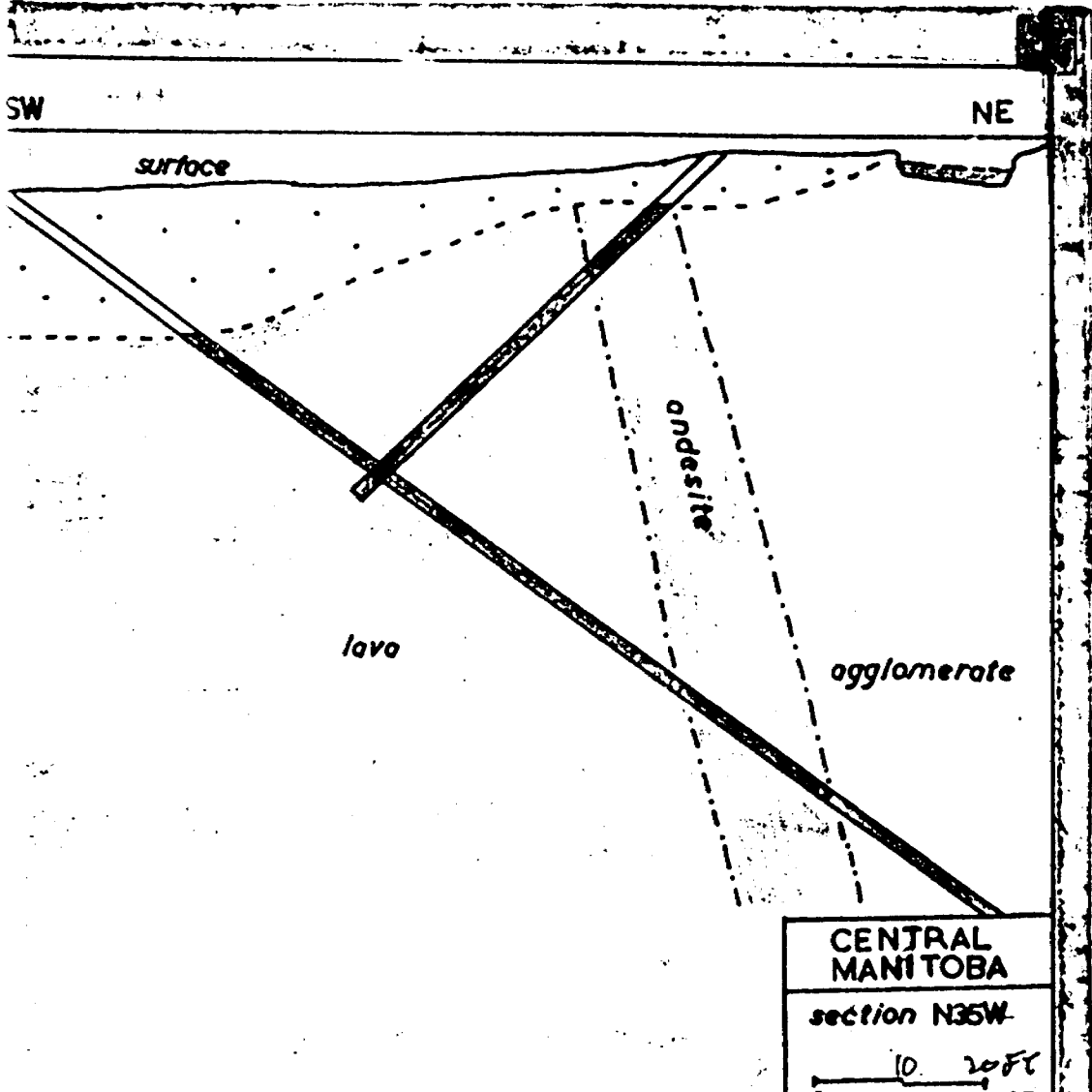


CENTAWL
110N 1103A

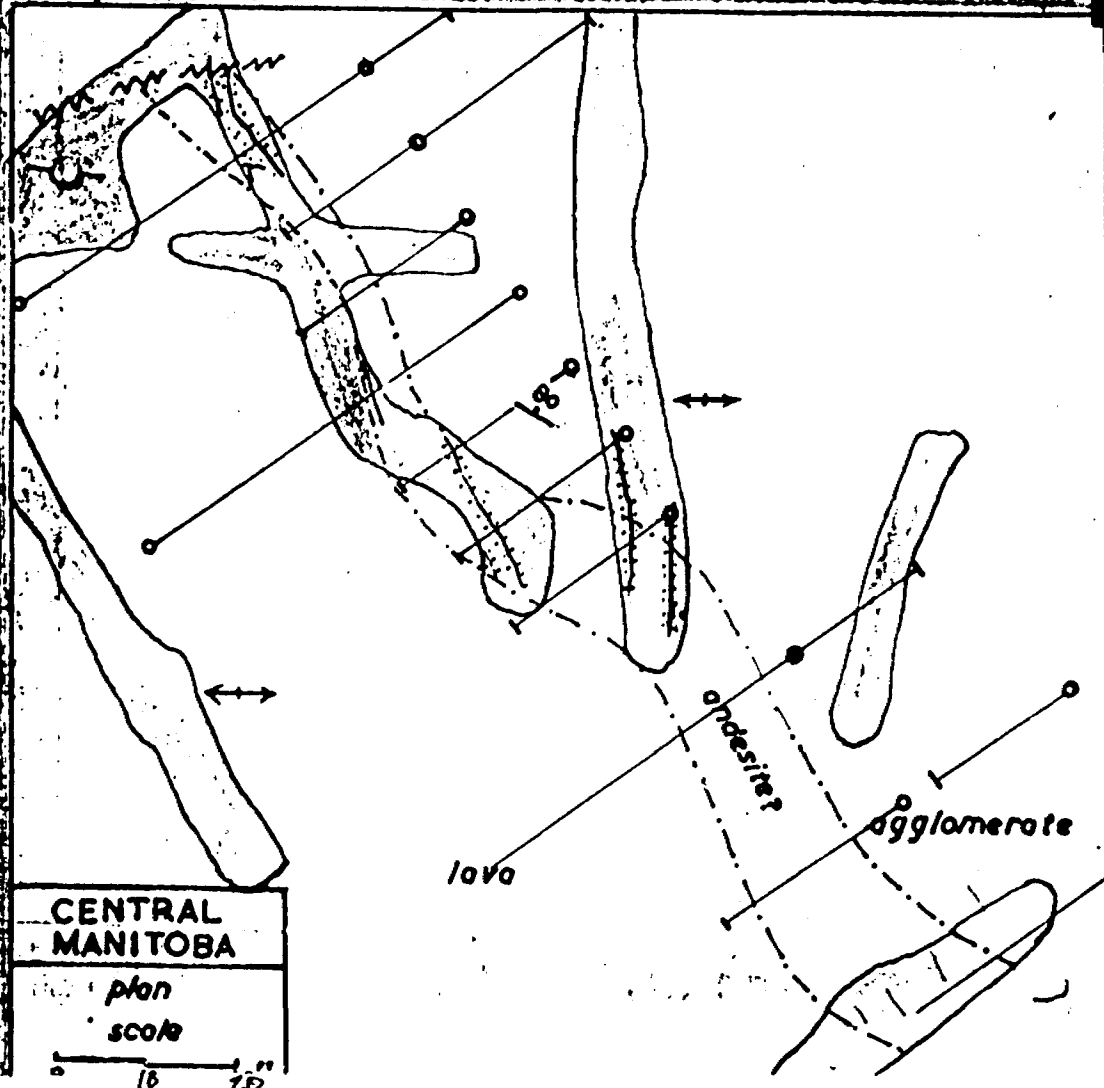


VERTICAL SECTION DDH 590530
PLANE OF SECTION S55°W
SCALE 1" = 10 FT





CENTRAL
MANITOBA
section N35W
10 20 FT



CENTRAL
MANITOBA

plan
scale

10 20



KENORA ONT OCT 22 1950

DR. M. E. HURST
PROVINCIAL GEOLOGIST
PARLIAMENT BLDGS TORONTO ONT.

COPY

ONE OF THE RICHEST SURFACE SHOWING OF GOLD MADE IN ONTARIO FOR MANY YEARS HAS RECENTLY BEEN UNCOVERED ON NEEPAWA ISLAND IN MINNITAKI LAKE, SEVE MILES SOUTH OF THE TOWN OF SIOUX LOOKOUT ONTARIO. THE DISCOVERY WAS MADE BY STEWART STAUNTON, VETERAN PROSPECTOR WHO HAS BEEN WORKING IN THE VICINITY ALL SUMMER. IT LIES 20 MILES TO THE EAST OF THE NEWLUND MINE, THE SCENE OF A DEVELOPMENT RUSH THIS SUMMER, AND IS IN THE SAME BELT OF FAVORABLE ROCKS. THE GROUND HAS BEEN OPTIONED BY THE CENTRAL MANITUGA GOLD MINES LIMITED, WHO ARE PROCEEDING WITH IMMEDIATE DEVELOPMENT BY TRENCHING AND DRILLING. A NEW PROSPECTING RUSH HAS BEEN TOUCHED OFF IN THE AREA AND HUNDREDS OF CLAIMS ARE BEING STAKED.

E. O. CHISHOLM RESIDENT GEOLOGIST FOR THE ONTARIO DEPARTMENT OF MINES HAS VISITED THE SHOWING AND REPORTS THAT AN IMPORTANT NEW DISCOVERY HAS BEEN MADE. A NORTH SOUTHERLY CROSS TENCH HAS EXPOSED A BAND OF MINERALIZED ANDESITE CUT BY NARROW QUARTZ STRINGERS UP TO THREE INCHES WIDE. THE ANDESITE STRIKES EAST WESTERLY AND DIPS STEEPLY TO THE NORTH. THE QUARTZ STRINGERS CARRY SPECTACULAR AMOUNTS OF NATIVE GOLD. ONE SUCH STRINGER IN THE CENTRAL PORTATION OF THE TRENCH SHOWS A SEAM OF GOLD A QUARTER OF AN INCH THICK AND THREE INCHES LONG, OTHERS SHOW SCATTERED PATCHES OF COARSE GOLD. THE WALL OF THE STRINGERS ARE WELL MINERALIZED WITH CUBE PYRITE THREE TO FOUR INCHES OUT FROM THE QUARTZ. AN IMPORTANT FEATURE OF THE DEPOSIT IS THAT THE PYRITE ITSELF CARRIES GOLD. A PIECE OF MINERALIZED ANDESITE CONTAINING 50 PERCENT PYRITE. WAS REPORTED BY DRUCE ARNOTT, COMPANY ENGINEER, TO ASSAY 43 DOLLARS PER TON IN GOLD.

MINERALIZATION CONSISTS MANILY OF CUBE PYRITE, WITH SMALL AMOUNT OF CHALCOPYRITE, AND GALENA IN THE QUARTZ. THE ALTERNATION IS CHIEFLY SILICAFICATION WITH SOME CARBONATIZATION. A CAPPING OF LEACHED ROCK TWO FEET THICK COVERS THE DEPOSIT AND MAKES ROCK TRECHING NECESSARY.

THE ZONE OF MINERALIZED ANDESITE IS EXPOSED FOR SIXTY FEET ACROSS ITS STRIKE. IT LIES BETWEEN A BAND OF VOLCANIC AGGLOMERATE TO THE NORTH AND SHEARED ANDESITE TO THE SOUTH. VERY LITTLE IS KNOWN YET ABOUT THE EAST WEST EXTENSION OF THE ZONE, ALTHOUGH A STRIPPING 15 FEET TO THE EAST HAS PICKED UP A SIMILAR PATCH OF MINERALIZED ANDESITE CARRYING GOOD VALUES IN GOLD. THE TRUE DIMENSIONS AND GRADE OF THE OCCURENCE HAVE NOT YET BEEN DETERMINED YET.

THE ISLANDS IN MINNITAKI LAKE FORMERLY RESERVED FOR TOURIST RESORTS WERE RECENTLY THROWN OPEN FOR STAKING THROUGH THE EFFURST OF THE ONTARIO DEPT OF MINES

E O CHISHOLM

NEEPAWA IS

AUG 10

SHOWING NORTH OF STAUNTONS CAMP
STRIKING N65E.

Carbonated dike in massive outcrop
approx. 25' wide with chert (105)

quartz veins. 5' to foot wide.

Scattered pyrite in walls.

Clay next

Some distance East of first
showing traversed an island

NEEPWA IS SIOUY LOOKOUT

NO 18 (MY X) - HAIN SNOW

NEEPWA IS

QTZ VEIN + S-107. PY. +

CHLORITE ALYN

NO 19 (MY X) (NEAR X)

AS ABOVE

NO 20 (MY Y) PORTY SNOW

CHIPS OF QTZ & PY.

NO. 21 QTZ SNOWING

NEAR Y (LESS MATTE)

③
Trench above (20' north)
TRENCH ABOVE (20' NORTH)
Slowing

Purple dyke 10 ft wide exposed
50 ft long. just 6x6 block -
I strike N60E dips
N.

Cuts eye or gash
Purple clays showing in
Hollow with bit pyrite
near dyke. Some grey
stingers over part
& green and wall
alteration in the

NEEPAWA ISLAND

WEDNESDAY

CROSS TRENCH @ 150'
85' LONG 6' WIDE
4' DEEP IN ANDESITE.
EXPAND IN ?

ARE SERIES OF 1" QTZ
STRIP WITH 1/4" CUBE
PYRITE IN NAUS OF
? + ?
OUT - ON WALLS.
3. 4 INCHES.
? MAKES UP

50% OF THIS ALLUVIATION?
MINERALS
WITH GOLD PYRITE
CHALCO (SPARSE)
GALENA

ALLER? - QUARTZ
- SOME APPLE GREEN
FRACTURE.

SPOT AT NORTH

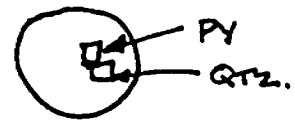
OF TRENCH IS
VIEW OF 90% GOLD
ABOUT 1/4 INCH UNDER
3' LONG IN
QTZ. STRIP 2" WIDE
WITH 30% CUBE PYRITE
STRIKING @ 40°
ALONG SOLISTAC?
GRADUAL SCHISTOCITY
55° DIP @ 85°.
FREEDOM STRIKE OF GOLD
BEARING QTZ W @ 75°,
AT LENGTH QTZ? LOCATION
THERE ARE 3 ORB. UNDER
STRGS. IN 6' OF TRENCH WITH
6" OF PYRITE ON EITHER SIDE
OF ?
QUARTZ IS ?
SERGS? HAVE 1/8" YELLOW

15 FT. EAST OF S. END
OF MAIN TRENCH IS A STRIP
15' x 6' = 3'.
DIP? WITH?
QTZ STRINGS OR PYRITE
ZONES ALONG SCHISTOCITY.




VERY LITTLE SILICIOUS ALTERATION.
GOLD FOUND RIGHT ON
PYRITE IN ONE PLACE

? PYRITE ?
ARE ACCOMPANIED BY QUARTZ?
REPLACE THE QTZ.
? OR BE ASSOC.
WITH



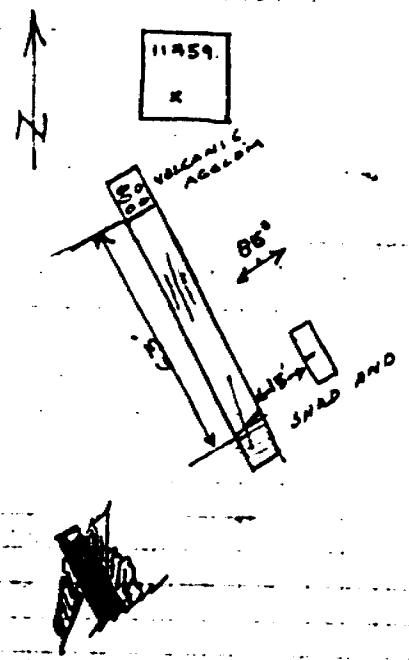
- PA
- 1 POST-1159
 - 4 11461
 - 3 11464
 - 2 11460

SHOWING NOT TIED IN.

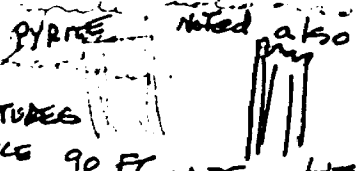
CARBON WATER 

carb on water
 IN THE ANDESITE IS
 CARBONATED + WEATHERS
 ROSEY BROWN, TO ABOUT
 3 FT. THE SURFACE
 DOES NOT SHOW FRESH
 ANDESITE.

CHARCOAL ?
 charcoal sample
 pyrite (50%) (50%)
 run 43.00 PAW 43.00
 small sample of OTHER SANDS OF
 pyrite (50%) (50%)
 THE PYRITE DEFINITELY
 CURIFEROUS ?
 GOLD IN QTZ VEINS
 PYRITE ZONE
 & CARBONATED ZONES.



SOME



IN QTZ FRACTURES
 PORPH DICE 90 FT WIDE LIES? UNDER
 SOUTH WALL LOCATED.
 AT LEAST, ALL FELDSPAR PORPH
 WITH FREQUENT QTZ STRGS.
 MANY IN ALL DIRECTIONS.
 FIG.
 PORPH TUFF COVERED
 SOME INCLUSIONS OF GRST?
 QTZ VEINS
 SAME TO 2 FT WIDE
 IRREGULAR PATTERN.

1/4 CUBE PYRITE RINGS IN
 CHALCOPRITE? (MAY BE AS SOME
 PHASES AS TO SOME CARBON ?
 V.O. REPORTED PAWINGS IN
 GOLD REPORTED.
 WERE CONSISTS OF SMALL
 STRIPPINGS + OLD PIT.
 SOME VEINETS WITH
 FRACTURES OF WATER DIORITE? ?
 + PYRITE IN FRACTURE
 walls mostly smooth
 WALLS WERE SHEARED
 OLD PIT 6' x 6' x 6'
 OLD PIT 6' x 6' x 6'
 CARRIED IN QTZ BOULDERS FROM
 THIS ? ? TO

21

- gneiss at N. wall.
 Some dragging along the
 north wall (chert band)
 Flat dipping of slugs -
 Cubes in walls of some
 of qtz. slag.
 Grab sample of wall
 mineralized stuff
 Reported to be pan gold.
 Some sparse chalcoprite mineral
 noted. Porph. in qtz. fields for
 porph. - buff colored somewhat
 streaked with

greystone at N. wall.
 Some dragging along the
 north wall (chert band)
 Flat dipping? qtz. slugs
 Cube? in walls of some
 of qtz. slag.
 Grab sample of wall
 ? stuff.
 Reported to be pan gold.
 Some sparse chalcoprite material
 noted porph. in qtz. fields?

Note above showing 100'E
 side above showing 100'E
 of claim corner.

Note above showing 100'E
 Note above showing 100'E
 of claim corner

of claim corner
 of claim corner.

Notes

- 1 The narrow N.S. veins are not straight features but show small drag folding like ptygmatic folding.
- 2 Mineralization noted so far as pyrite, gold, some chalcopyrite very sparse. Copper as threads or blobs both along schistose fault, may be earlier.
- 3 Quartz coarse py. there is appreciable very fine pyrite locally.
- 4 On. North contact. is 100 ± 200 ft. quartz. vein goes into agg. but there are no values in the quartz vein.
- 5 Reaction rims noted in the pebbles of the agg locally. Some low sharp contact. some indistinct.

NOTES:

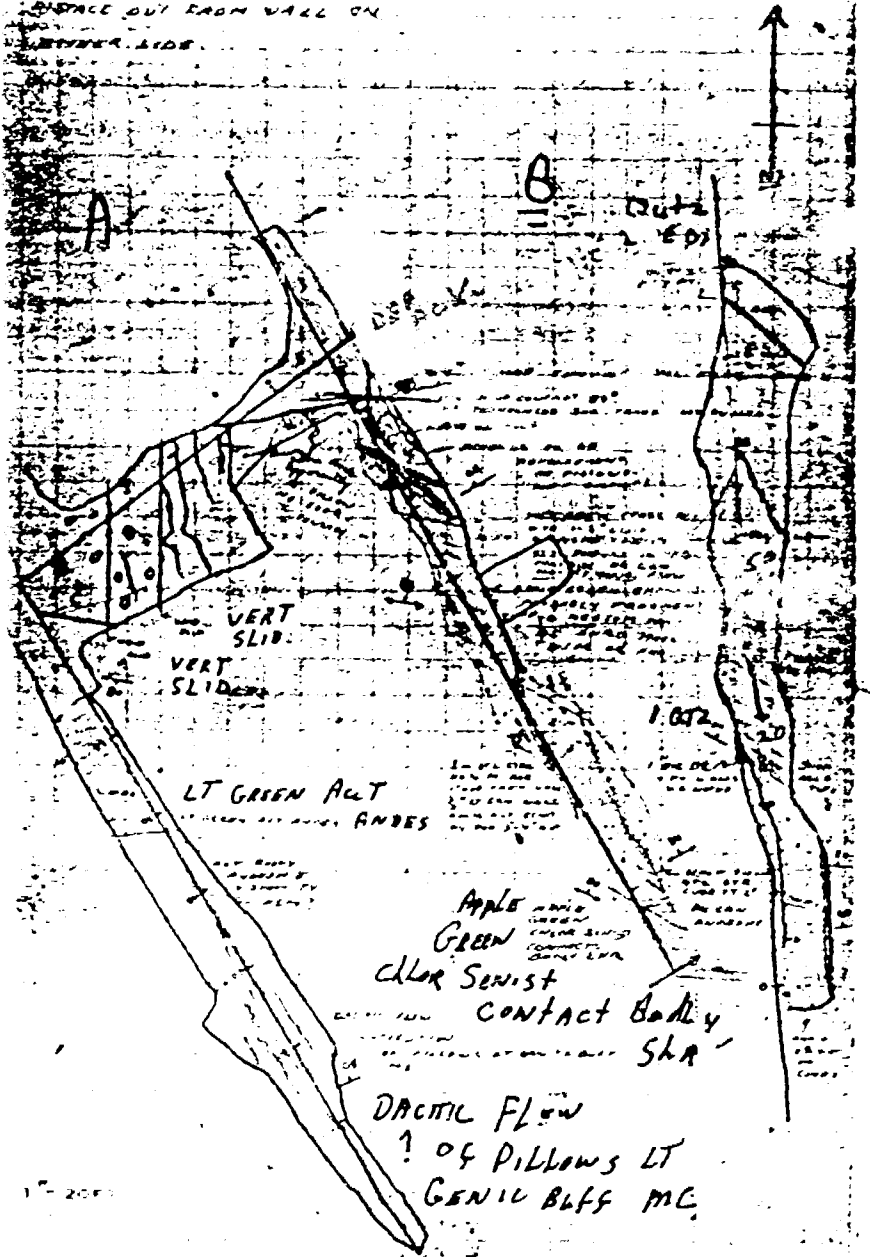
- ① THE NARROW N.S. SYRGA ARE NOT STRAIGHT FRAGMENTS BUT SHOW SMALL DRAG FOLDING LIKE PTYGMATIC FOLDING.
- ② MINERALIZATION NOTED SO FAR AS PYRITE, GOLD, SOME CHALCOPYRITE, VERY SPARSE COPPER AS THREADS OR BLOBS? AMONG SCHISTIC. SH? MAY BE EARLIER.
- ③ COARSE PY THERE IS APPRECIABLE VERY FINE PYRITE LOCALLY.
- ④ ON. NORTH CONTACT BF + BAG? THE QUARTZ VEINS? AGG.? THERE ARE NO VALUES IN THE QUARTZ VEIN.
- ⑤ REACTION RIMS NOTED IN THE PEBS OF THE AGG. LOCALLY. SOME LOW? SHARP CONTACT. SOME INDISTINCT.

NEEDAWA IS

SAT OCT 28/50

ECHISOLM

USE PYRITE MEASUREMENTS
GIVEN IN INCHES MEAN
DISTANCE OUT FROM WALL ON
EMNER SIDE



NEEDAWA IS

Sat Oct 28/50
Eochisholm

Note: Pyrite MEASUREMENTS GIVEN IN
INCHES MEAN DISTANCE OUT FROM
WALL ON EMNER SIDE



B

B

Sharp contact VAL / FRAC
strike of contact 99°
NO PRONOUNCED SHAR
FRAC. NOT PULLED
pillows with silunita

MED GIVEN MASS ag
with 1" to 2" pebbles
apple GREEN CLOR
this probably frag
ag maybe shed
mass gabon ag.



52G13NW0022 52G/13NW-29 PARNES LAKE

900



CANADIAN PACIFIC TELEGRAPHS

World Wide Communications

The time shown in the date block STANDARD TIME at place of origin. Time of receipt to STANDARD TIME at place of destination.

WNA31 22⁰⁰ TORONTO ONT 20 1212P

E O CHISHOLM

203 MAIN ST SOUTH KENORA ONT

WOULD YOU KINDLY WIRE OR MAIL SOME INFORMATION TO REACH
HERE BY MONDAY MORNING FOR PRESS RELEASE ON ACTIVITY AT
NEEPAWA ISLAND

HURST

1132AM



ONTARIO
DEPARTMENT OF MINES

PARLIAMENT BUILDINGS
TORONTO 2, ONTARIO

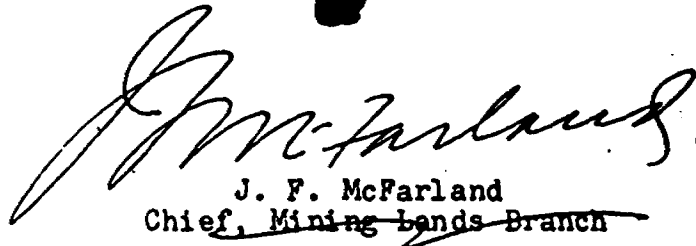
June 29, 1950

Dear Sir:

J. H. Kolak, Red Lake, has staked 9 claims and K. Lindberg, Sioux Lookout has staked 6 claims on Neepawa Island, adjoining islands and land under Minnietaki Lake. The islands in Lake Minnietaki have been surveyed as summer resort locations and at the moment are withdrawn from staking. If a discovery of valuable mineral in place has been made, it is possible to make an arrangement with the Lands and Forests Department to have the withdrawal rescinded. It would, therefore, be appreciated if you would make an examination of these two groups and let us have your report on the same. Your opinion as to whether or not a discovery of valuable mineral in place has been made would be of assistance. I am sending you a sketch of the stakings and also a blueprint of Minnietaki Lake area.

No doubt you will desire Kolak and Lindberg to accompany you and I believe they can be contacted at the above addresses. If there is any further information you require, please contact Mr. T. A. Wood, Mining Recorder, Sioux Lookout.

Yours very truly,



J. F. McFarland
Chief, Mining Lands Branch

JFM:FW

Mr. E. O. Chisholm
Resident Geologist
KENORA, Ontario

c.c. Dr. M. E. Hurst

JOHN DRYBROUGH

October 24th

Dear Ted:

I got quite a shock reading the Minister's statement on the Central Manitoba prospect at Sioux Lookout. He apparently is in the wrong job and should move down to Bay Street.

However I must add that the few excerpts from your report which he included indicate your remarks were factual and not objectionable to us.

The whole matter has been very embarrassing and the Central Manitoba directors have issued a statement which may correct the impression the Minister has made although it can not undo the damage.

August 31/50

Mr. J. F. McFarland,
Chief, Mining Lands Branch,
Parliament Bldg., Toronto.

Dear Mr. McFarland:

Enclosed is a letter received from Mr. Stewart Staunton, prospector from Sioux Lookout, Ontario, who has staked claims on Neepawa Island adjoining those of Kolak and Lindberg to the east. The Kolak and Lindberg claims were the subject of a report made to you by me on August 2nd, in which I recommended that these claims be recorded.

Mr. Staunton's claims which I examined at the same time as a matter of interest would appear to be so located as to be on the strike of the occurrences on the Kolak-Lindberg ground to the west and in my opinion should be recorded also.

Mr. Staunton showed me certified assay sheets of samples taken from his ground. The assays were sufficient to prove that there was gold there and that further work should be done.

Yours very truly,

E. O. Christolm

JOHN DRYBROUGH

MINING ENGINEER

804-173 PORTAGE AVENUE

WINNIPEG, MAN.

November 2nd, 1950.

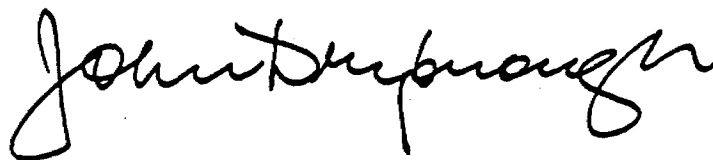
Mr. E.O. Chisholm,
Resident Geologist,
Ontario Department of Mines,
203 Main Street South,
Kenora, Ont.

Dear Ted,

Thank you for your letter. We appreciate very much any assistance you may give Bruce Arnott as he is having considerable difficulty working out the geological picture. Personally I am inclined to think the andesite is the base of a flow in an area of local folding. Time will tell.

Yours sincerely,

JD/G

A handwritten signature in cursive script, reading "John Drybrough". The signature is written in dark ink and is positioned to the right of the typed name "JD/G".

Ste. 'B' Almonte pts.,
Winnipeg, Man.,
February 14, 1951.

Mr. E. O. Chisolm,
Resident Geologist,
Ontario Department of Mines,
203 Main St. S. .
Kenora, Ontario.

Dear Mr. Chisolm:

In the absence of Dr. Conybeare from the university,
your specimen was referred to me for consideration.

As stated in the petrographic report, I was unable to come to
any conclusion as to the origin of the rock. From general appearances
of the specimen, I would be inclined to class it as a lava flow, but there
is no supporting evidence for this in thin section. If you have any
specimens that show evidence of not being so completely altered, there
might be enough of the original structure left to indicate the origin.

Enclosed find bill in duplicate for the work.

Yours sincerely,

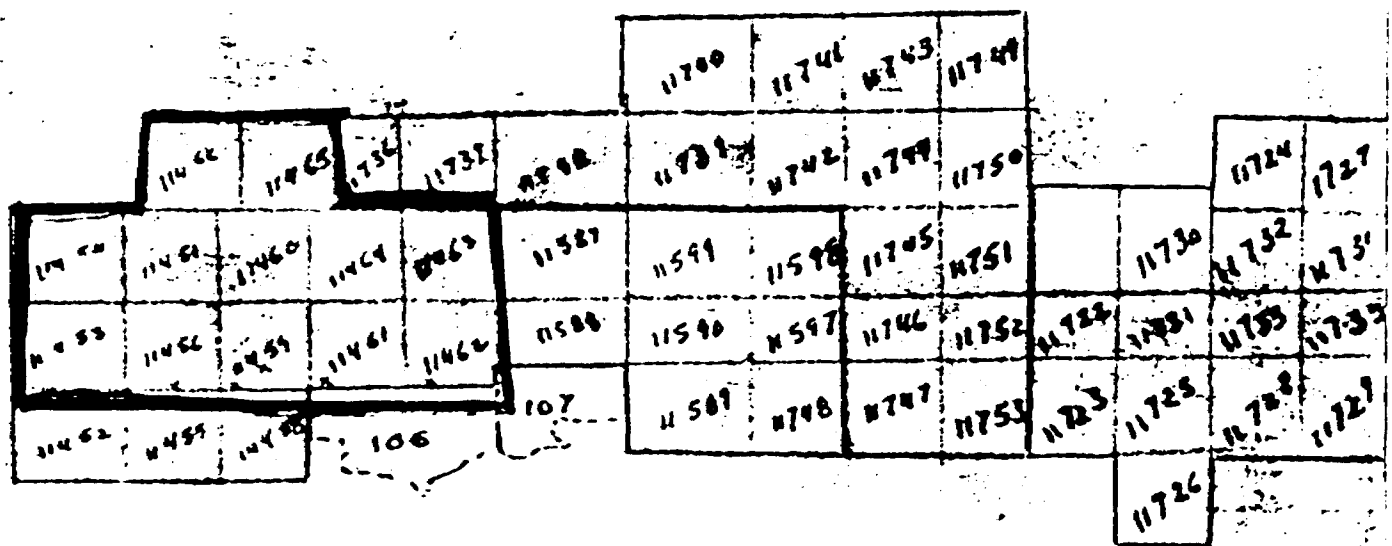
H. C. Hunter

#309 31 Upper Canada Drive,
Willowdale, Ontario.
June 18th, 1963.

Dear Mr. Davis,

It is certainly with great disappointment I write this note. Roman told me to write you if plane to get to Kenora didn't materialize - and unfortunately I simply can't make it. I would appreciate it if you could contact Roman sometime before the plane goes in. I will write him tonight and explain.

Sincerely,
Pat Shlanka.



PARNES LK

SCALE: 1" = 40 CHS



1" = 40 chns