

52J02SW9146 52J02SW77C1 FOURBAY LAKE

010

List of Questions to be Answered as Fully as Possible

Regarding Properties Examined

Name of Property: Anderson Claims - King Bay

Location:

What district? Sturgeon Lake
What township? None - District of Thunder Bay
What claim numbers? Unable to get numbers of claims - This information being sent to me. Main showing on #35837
How much assessment work is there yet to do to patent or lease? This information being sent to me.

Access:

What is the nearest railway point and station? Savant Lake on CNR
How far away? 4 miles of road then 17 by water
Is road to property good or bad or just a trail? Ungravelled truck road.

Topography:

- (a) Is ground rolling or flat or rugged? Hilly
- (b) As a guess what is the % of rock outcropping? Few outcrops
Is there a definite trend to the valleys? None noted
If so, what is it: Possibly a N70°E trend.
- (b) Is there sufficient water on the property for mining and mill purposes? Lake is 3000 feet or so from showings.
Is it a stream or lake? Lake
- (c) As a rough guess what is the kind and size of timber on the property? Most of timber small jackpine. Some commercial timber.
- (d) what is the nearest powerline? Power at Sioux Lookout will be ready summer of 1939
How far from property? Sioux Lookout is some 70 miles distant
Is sufficient power on this line for mining? for mining and milling?

Geology - General: (check formations present)

The claims are underlain by:

- (i) greenstone ✓
- (ii) rhyolites
- (iii) sediments

Cut by -- (give strike and dip where possible)

- (i) quartz or feldspar porphyry dykes: Coarse feldspar porphyry dykes trend N70°E, and
- (ii) aplite or felsite dykes vary in width from a few feet up to several hundred feet
- (iii) lamprophyre dykes
- (iv) diabase dykes
- (v) granite or syenite masses
- (vi) diorite or gabbro masses

Geology - Structural general

- (a) What is the trend of the greenstone or sediments as the case may be? About N70°E
- (b) Are there any pronounced folds? None noted.
If so, how do they trend? ✓
- (c) Are there any pronounced faults: None noted
If so, how do they strike and dip? ✓
- (d) Are there any pronounced shear zones: Some shearing
If so, how do they strike and dip? N70°E

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List of Questions To Be Answered As Fully As Possible

Regarding Properties Examined

Map No

Name of Property: Anderson claims - King Bay

Location:

What district? Sturgeon Lake
What township? None - District of Thunder Bay
What claim numbers? Unable to get numbers of claims - This information being sent to me. Main showing on 25887
How much assessment work is there and to do to patent or lease? This information being sent to me

Access:

What is the nearest railway point and station? Savant Lake on C.P.R.
How far away? 4 miles by road, 17 by water
Is road to property good or bad or just a trail? Longwalled truck road

Topography:

- (a) Is ground rolling or flat or rugged? Hilly
As a guess what is the % of rock outcroppings? Few outcrops
Is there a definite trend to the valleys? None noted
If so, what is it? Possibly a N 70° E trend
(b) Is there sufficient water on the property for mining and mill purposes? Lake is 3000 feet or so from showings
(c) As a rough guess what is the kind and size of timber on the property? Most of timber small jackpines, some commercial
(d) What is the nearest power line? Power at Sioux
How far from property? hookout will be ready summer of 1939
Is sufficient power available on this line for mining and milling? Sioux hookout is some 70 miles distant

Geology - General: (check formations present)

- The claims are underlain by:
(i) greenstone
(ii) rhyolites
(iii) sediments
(iv) quartz or feldspar porphyry dykes. Coarse feldspar porphyry dykes trend N 70° E, and vary in width from a few feet up to several hundred feet
(v) granite or syenite masses
(vi) diorite or gabbro masses



Geology - structural general:

- (a) What is the trend of the greenstone or sediments as the may be? About N 70° E
(b) Are there any pronounced folds? None noted
(c) Are there any pronounced faults? None noted
(d) Are there any pronounced shear zones? Some shearing
If so, how do they strike and dip? N 70° E

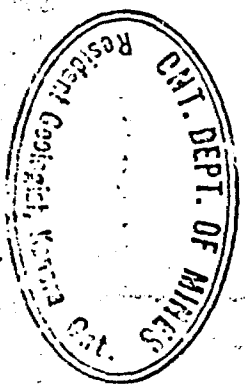
Geology - Economic:

- (a) Is there more than one "ore zone" or probable "ore zone" on the property? See sketch.
Give the claim numbers on which each occurs: Main showings on claim 25837
- (b) What is the dip and strike of the "ore zone"? See sketch
- (c) Showings consist of -
- (i) a quartz vein? quartz veins
 - (ii) a series of parallel quartz veins?
 - (iii) a series of relatively short quartz lenses?
 - (iv) a shear zone carrying quartz veins or stringers?
 - (v) a shear zone carrying sulphide bands or lenses?
 - (vi) a shear zone carrying disseminated sulphides?
 - (vii) a carbonate zone carrying disseminated sulphides?
 - (viii) a carbonate zone carrying quartz veinlets?
 - (ix) a mineralized prophyry dyke?
 - (x) a prophyry dyke cut by a stockworks of stringers?
 - (xi) The contact zone between an intrusive dyke or mass and the country rock?
- (d) In a general way what minerals are present in the "ore"?
Pyrite, pyrrhotite
Is the gold associated with one or more these minerals and if so, which ones? --
Is there much talc, chlorite, or fine mica in the ore? --
Is there graphite present in appreciable quantities? --
- (e) How is the ore developed:
- (i) by trenching and stripping? ✓
 - (ii) by diamond drilling? Some X ray drilling
 - (iii) by shaft and underground workings?
 - (iv) what is the depth of the shaft and the footage on each level?
- (f) Is there a mill on the property and if so, what is its capacity? No
- (g) Does the ore occur in short or long shoots? Nor ore proven
- (h) What are the average grades and widths of the ore shoots developed?
- (i) What are the lengths of the ore shoots?
 - (j) To what depth is the ore proven?
 - (k) What is the degree of rake of the ore and in what direction?
 - (l) Is the ore badly cut up by cross faults?
 - (m) Is it interrupted by dykes?
 - (n) Is it cut off by strike faulting?
 - (o) Is there any peculiar feature to the ore or structure which might unduly influence costs or extraction; if so, what?
 - (p) What method of mining is used?
 - (q) What is the general mill practice?

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Geology - Economics

- (a) Is there more than one "ore" on the property? *See sketch.*
Give the dip and strike of the ore on the property. *Main showings on claim 25737.*
- (b) What is the dip and strike of the "ore zone"? *See sketch.*
- (c) showings consist of -
 - (i) a quartz vein? *quartz vein.*
 - (ii) a series of parallel quartz veins?
 - (iii) a series of relatively flat quartz lenses?
 - (iv) a shear zone carrying quartz veins or stringers?
 - (v) a shear zone carrying siliceous bands or lenses?
 - (vi) a shear zone carrying disseminated sulphides?
 - (vii) a carbonate zone carrying disseminated sulphides?
 - (viii) a carbonate zone carrying quartz veinlets?
 - (ix) a mineralized porphyry dyke?
 - (x) a porphyry dyke cut by stockworks of stringers?
 - (xi) The contact zone between an intrusive dyke or mass and the country rock?
- (d) In a general way what minerals are present in the "ore"? *Pyrite, pyrrhotite.*
Is the gold associated with one or more of these minerals and if so, which ones?
Is there much talc, chlorite, or fine mica in the ore?
Is there graphite present in appreciable quantities?
- (e) How is the ore developed:
 - (i) by trenching and stripping?
 - (ii) by diamond drilling? *Some X-ray drilling*
 - (iii) by shaft and underground workings?
 - (iv) what is the depth of the shaft and the footage on each level?
- (f) Is there a mill on the property and if so what is its capacity? *No.*
- (g) Does the ore occur in short or long shoots? *No, ore proven*
- (h) What are the average grades and widths of the ore shoots developed?
- (i) What are the lengths of the ore shoots?
- (j) To what depth is the ore proven?
- (k) What is the degree of rake of the ore and in what direction?
- (l) Is the ore badly out up by cross faults?
- (m) Is it interrupted by dykes?
- (n) Is it cut off by strike faulting?
- (o) Is there any peculiar feature to the ore or structure which might unduly influence costs or extraction, if so what?
- (p) What method of mining is used?
- (q) What is the general mill practice?



ANDERSON CLAIMS - KINGS BAY

Additional Information

- Re. Locations - This group is located on the south side of Kings Bay, across from the Mac-Reade group. There is said to be 12 claims in the group but claim numbers could not be supplied by those at the property.
- Re. Showings - With the possible exception of No. 3 vein, none of the showings appeared to be of potential interest. Veins 1 and 2 are narrow and there would appear to be no particular reason to believe that they would widen along the strike. No. 3 vein might average two feet but could be seen in only two of the four pits which have been put down through the overburden to open it up.
- Re. Sampling - No authentic assay information was available but four samples were taken from the best looking spots to see if any values are present.

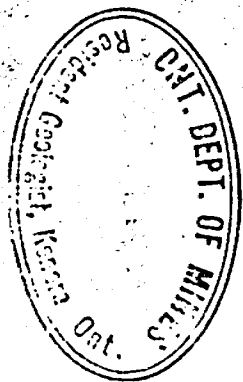
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HENDERSON CLAIMS - KINGS BAY.

Additional Information

Re. location — This group is located on the south side of Kings Bay, across from the Mac-Reads group. There is said to be 12 claims in the group but claim numbers could not be supplied by those at the property.

Re. Showings — With the possible exception of No. 3 vein, none of the showings appeared to be of potential interest. Veins 1 and 2 are narrow and there would appear to be no particular reason to believe that they would widen anywhere along the strike. No. 3 vein might average two feet but could be seen in only two of the four pits which have been put down through the overburden to open it up.



Re. Sampling — No authentic assay information was available but four samples were taken from the best looking spots to see if any values are present.

Anderson Claims
Additional Notes
Page 2

An interesting feature of this property is the presence of an unusually large amount of blue quartz float, generally well mineralized and said to carry good values and frequent visible gold. The float does not appear to have been transported very far. Such wallrock as is present is greenstone. Some fragments run up to four or five feet in diameter.

In one place, a considerable amount of the float occurs in a remarkably continuous fashion almost in a straight line over a claim or so.

If any serious prospecting were carried out in this area again, this property might be worth keeping an eye on.

Respectfully submitted

Sioux Lookout, Ont.
July 12/39

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Anderson Claims
Additional Notes
Page 2.

An interesting feature of this property is the presence of an unusually large amount of blue quartz float, generally well mineralized and said to carry good values and frequent visible gold. The float does not appear to have been transported very far. Such wallrock as is present is greenstone. Some fragments run up to four or five feet in diameter.

In one place, a considerable amount of the float occurs in ~~the same~~ a remarkably continuous fashion almost in a straight line over a claim or so.

If any serious prospecting were carried out in this area again, this property might be worth keeping an eye on.

Respectfully submitted

Bennett L. Smith

Siemens Lookout, cont.

July 12/39

ANDERSON CLAIMS

King Bay - Sturgeon Lake

Sampling Record

<u>Sample No.</u>	<u>Width</u>	<u>Locations</u>	<u>Description</u>
70801	9" chip	Near West End of #2 Veins showings -blasted	Good pyrite minor - alisation in blue quartz
70802	Grab	West end of showings on No. 1 vein	Grab of good material from some quartz stringers
70803	10" chip	680 feet easterly from 70802 on #1 vein	Blue quartz - not much mineralization
70804	24" chip	No. 3 vein	White quartz with good splashes of pyrite

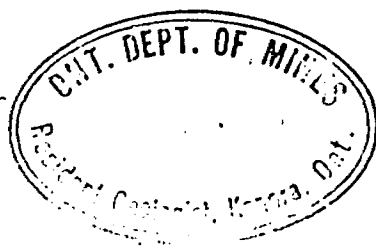
Note: Sketch and report on this property under separate cover.

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ANDERSON CLAIMS

King Bay - Sturgeon Lake

Sampling Record



Sample No	Width	Location	Description
70801	9" chip	Near West End of #2 Vein showings - Blasted.	Good pyrite mineralisation in blue Qtz.
70802	Grab	West end of showings on No. 1 vein	Grab of good material from some quartz stringers
70803	10" chip	680 feet easterly from 70802 on #1 vein	Blue quartz - not much mineralization
70804	24" chip	No. 3 vein	White quartz with good splashes of pyrite

Note - Sketch and report on this property under separate cover.

SYLVANITE GOLD MINES, LIMITED
SPECIAL ASSAY SHEET

July 14th/39

Exploration Department

From *Exploration Department*

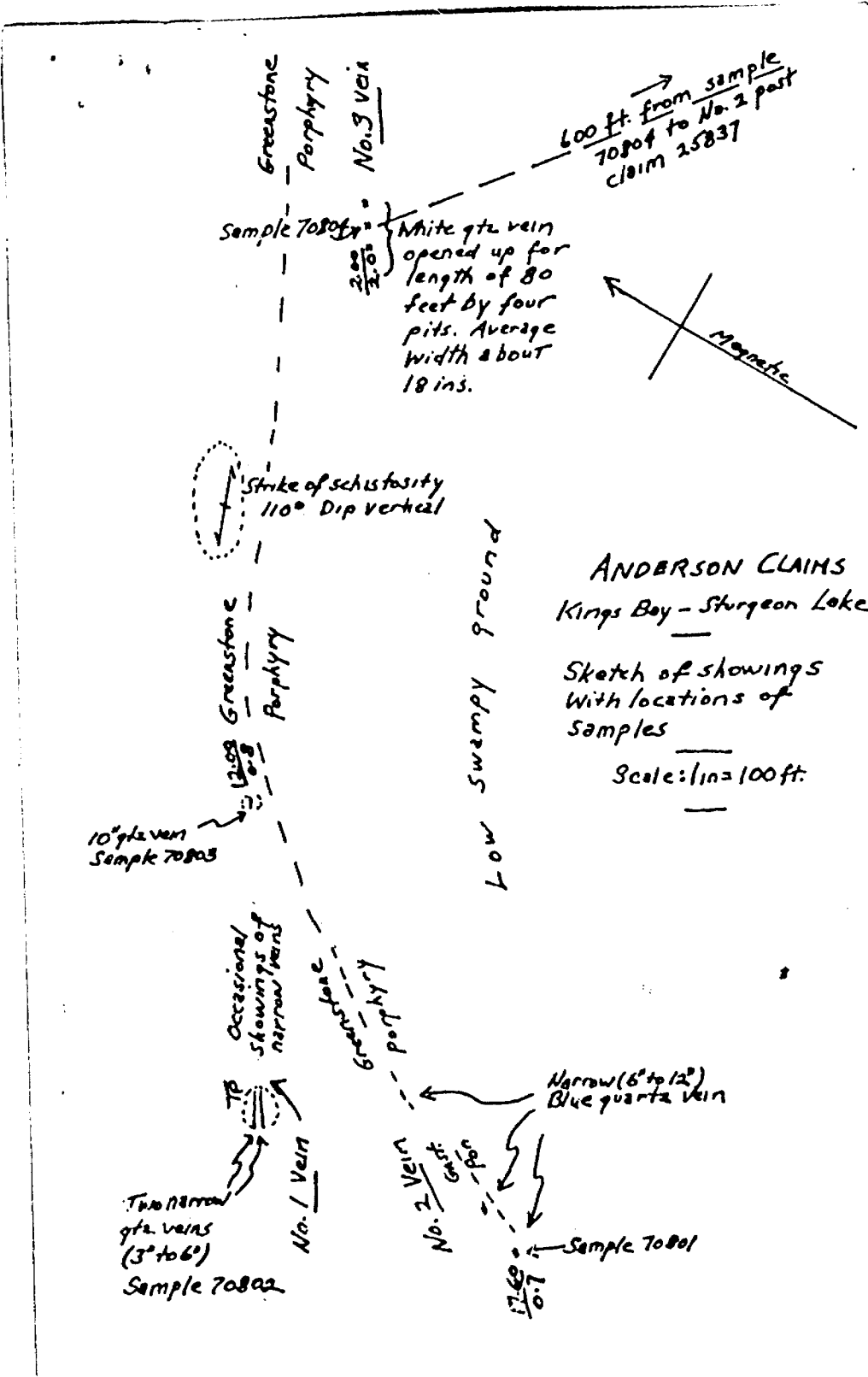
Date *July 14th 39*

SAMPLE NO.	DESCRIPTION	WIDTH	VALUE PER TON
70801	<i>Special Exploration Department Anderson Sturgeon Lake</i>	0.7	17.60
02	-	Grab	Tr.
03	-	0.8	12.00
04	-	2.0	2.00

[Handwritten Signature]

Assayer



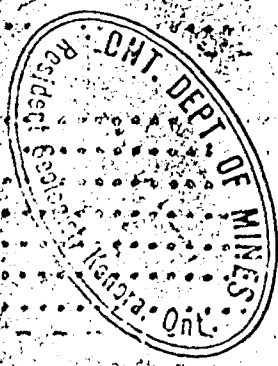


ANDERSON CLAIMS
Kings Bay - Sturgeon Lake

Sketch of showings
with locations of
samples

Scale: 1 in = 100 ft.

Name: Date:
District: Township:
Claim Nos:
Indicating:
Order: Address:



Geology:

(a) Rocks:

(b) Structure:

(c) Remarks:

Ore Bodies:

(a) Type:

(b) Mineralization:

(c) Dip & strike:

(d) Length & width:

(e) Ore shoots:

(f) Location:

(g) Remarks:

Development:

(a) Stripping & trenching:

(b) Diamond drilling:

(c) Underground:

Access:

Power:

Remarks:

Mining:

Milling:

Costs:

Remarks:

52 1/2 SW (40)

July 25, 1939.

Mr. Anderson,
c/o B. L. Smith,
SIOUX LOOKOUT,
Ontario.

Dear Sir:

Please find below the results from recent sampling of your property on Sturgeon Lake. When an assay plan of this is completed, we will forward it to you.

70801	17.60 dwts./0.7'
02	Trace,
03	12.00 dwts./0.8'
04	2.00 dwts./2.0'

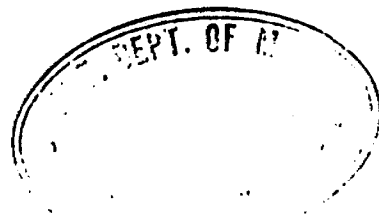
I expect to be in that area within the next ten days and would like to visit your property. If there is any chance of exposing your No. 2 vein at more locations, we would find it very helpful.

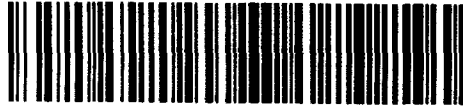
Yours truly,

SYLVANITE GOLD MINES, LIMITED,
(No Personal Liability)
EXPLORATION DEPARTMENT,

H. X. B.

DKB:MO





52J02SW9146 52J02SW77C1 FOURBAY LAKE

900

Anderson Claims

- Kings Bay, Sturgeon Lake

52 1/2 SW (40)
255-67 NW



Ontario

ACTION REQUEST

DATE

Sept 27/74

TO

Al Speed

FROM

Ralph Pentonen

TELEPHONE NO.

- PLEASE CALL

- WISHES APPOINTMENT

- RETURNED YOUR CALL

- WILL CALL BACK

- NOTE AND FILE

- PROVIDE MORE DETAILS

- PLEASE ANSWER

- NOTE AND FORWARD

- FOR YOUR INFORMATION

- DRAFT REPLY FOR MY SIGNATURE

- NOTE AND RETURN

- FOR YOUR APPROVAL

- INVESTIGATE AND REPORT

- NOTE AND SEE ME

- FOR YOUR SIGNATURE

- TAKE APPROPRIATE ACTION

- RETURN WITH COMMENTS

- FOR YOUR REQUEST

-

COMMENTS:

- no location map available but
TB 13078 is a tied in to 11422 which is
tied in to 11421 which is tied in
to old survey AL374 which I can't locate

CALL TAKEN BY:

but Harry Bell might have
it on his old claim map

TIME

Ralph