

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 nealest railway point and station? Savant Lake on CNR 4 miles of road then 17 by water How far away? Is road to property good or band 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 quess 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 Lockout 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 prophyry
- dykes trend N70°E, and (ii) aplite or felsite dykes
- (iii) lamprophyre dykes

vary in width from a few

feet up to several (iv) diabase dykes

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 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? V
- (d) Are there any pronounced shear zones: Some shearing

DUPLICATE COPY N70°E POOR QUALITY ORIGINAL TO FOLLOW

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	How far away? Fridan J. March 17 by water. Is road to property good or bad or just a trail? languardled
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	purposes? Lake in Jaco feet a so fine showings.
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	(a) What is the nearest power 1 ne? form at fine. Timber
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	HOWETER from property? . however, with the ready therenes of 1.439
	Te aufficient power available on this line for mining?
	for mining and milling?
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	The claims are underlain by:
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DEDT OF	(ii) rhyolites
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*.♥	If so, how do they trend?
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	If so how do they strike and die!
	(d) Are there eny pronounced shear a con? for shearing
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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, pyrhotite
 - 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?
- (1) 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 - Economia:

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	(b)	What is the dis and strike of them zone the shirted,
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		each level?
	(1)	Is there a mill on the property and if so what is its capacity?
	(h)	What are the average grader and wideha of the ore shoots
	(1)	developed?
	(n)	Is it interrupted by dykes?
,	(p)	What method of mining is used?

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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 spot: to see if any values are present.



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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 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

POOR QUALITY ORIGINAL TO FOLLOW

Anderson claims Additional Motes Page 2.

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Sincy lastant, dut. July 12/39

ANDERSON CLAIMS

King Bay - Sturgeon Lake

Sampling Record

Sample No.	Width	Locations	Description
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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Description

70801 9" chip Near Wost

End of #2

Vein Shewings

-Blostod.

Good pyrine miner alisation in blue

70802 Grah

Showings on No. 1 vein Grab of good material from some quartz

70803 10"chips

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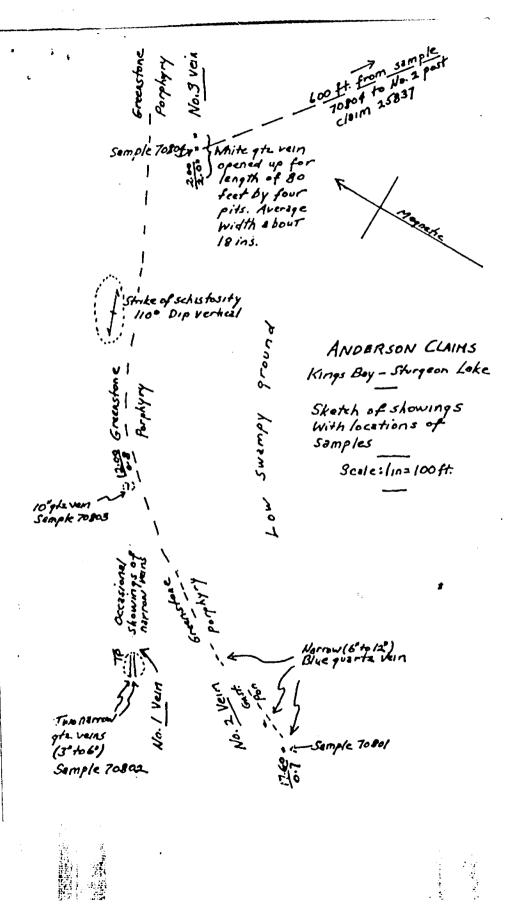
Blue quarta - not nuch nineralization

70104 24"chipo No. 3vein

White quarts with

Note- Sketch and report on this graperty Under separate cover.

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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, 12.00 dwts./0.8', 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,

N.X.B.

DKB: MO

EPT. OF P



Anderson Claims

- Kings Bay, Sturgeon Lake
521/25W (40)
255-67NW

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