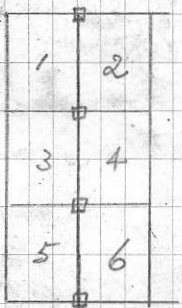
LOUIS TSANG 671030

28-5-72

LIN CLAIMS

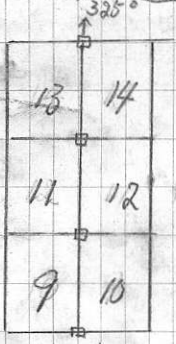
1	353973M
2	74M
3	75M
4	76M
5	77M
6	78M



29-5-72

LIN CLAIMS

9	353979M
10	80M
11	81M
12	82M
13	83M
14	84M



The claim nos 7 & 8 are saved in case there is some extension towards south-east corner of the property.

31-5-72

1000' from initial post of 52 and 70.
A float, angular, 6' × ½' × 4',
a block of qtz with a little
bit of magnetite showing.

Along the claim line and 150'
above initial post of 53 and
54, a rough estimate of
the contact between granite
and Alaskite granite.

Alaskite granite covers the
top of the hill north of the
camp. The body is barren
with mineralization.

The letter 'C' is used for 'floats'
and 'L' for outcrops in LIN group. 1-6-72

FLOAT C-1. Weathered rock pyroxenite(?)
intruded by or broken up
by quartz. Most of
the metallic minerals
present were pyrites. However
some were suspected to be
cpy; subangular. 1'×1'×1'

FLOAT C-2 diorite (medium grain) with quite a bit of magnetites presence. The rock was cut across by yellowish-green ground-mass veins, angular float

7-6-72

FLOAT C-3 ultramafic rock, pyroxenite(?) with patches of epidot. subrounded float

FLOAT C-4 Qtz plus diminated bluish green chlorite with the presence of metallic minerals such as pyrite and chy(?) Dim. 2' x 3' x 1' sub-angular float At the same spot as FLOAT C-3 collected

FLOAT C-5 angular float Dim 8' x 4' x 1½', Most part of the rock was composed of samples similar to float C-3 and C-4. But at one corner ground mass of carbonate alteration was noted

and a sample is collected for inspection.

These are collected ~~in the~~ along the claim line which passes through the slope of the hill in the west side of the property.

10-6-72

Rainy day
To-day we try to put in fractional claims

	TAG NUMBERS used. Distance 750' claim line
FR. 2 & FR 3	
FR. 2	353948
FR 3	353949
FR 4	353985
FR 1	353947

12-6-72

The size of the outcrop is done on the airphoto.

L-1 outcrop showing qtz rich granite, coarse grained generally pinkish color with biotite. In few places there is evidence change of ~~chlorite~~ biotite to chlorite. These cases are found in contact between alaskite granite and granite

In BC 7167-148, ~~are~~ arrows indicate the general directional change from Alaskite granite to granite by means of gradational increase of biotite.

L-2 A sample of Alaskite granite collected at the valley close to the camp site.

L-3 Qtz showing silvery mica plus little epidot alteration (?)
The Qtz vein is about 50' wide

L-4 rock collected adjacent to the qtz vein showing some kind of ~~faction~~ fractures within the rock. The felspar is highly altered within the sample. In places the rock is very rusty

L-5

L-5 Alaskite granite qtz rock rock with epidot rusty stains as well as reddish iron stain. There is evidence showing by a band of deep ~~red~~ but dull, reddish silicified microcrystalline portion to indicate some kind of slipping movement occurs at the point where it is located in the airphoto BC 7167-148. The sample collected is a poor one yet it shows a bit of the general feature I picked up at the ~~spot~~ spot.

The alaskite granite bodies are barren, the joint systems varys from place to place and I ~~am~~ couldn't make a logical conclusion how they run because in most places, Here are the evidences that the outcrops

are not in place. I
did try yet failed ~~at~~ with
the point the data collected
would be totally meaningless.

13-6-72

The location of outcrops are plotted on the airphoto
214' in extent, scattered angular blocks suspected to be outcrop (?)
Alaskite granite, most part of the rk ~~subtype~~ suffered ~~to~~ weathering

STATION 2

110' × 30' Granite with biotite as dark mineral.

L-6 12' × 5' outcrop showing some kind of silicification (?) No mineralization spotted. General strike 300°-280°

300' × 150' scattered block of outcrops again. Granite. Generally strike 240°-260°

STATION 3 150' from initial post 66 & 65 heading uphill.

L-7 & Outcrop (?) 5' by 2½' qtz veinlets
L-8 cutting through the pyroxenite
Qtz appears to have been recrystallization
They are crystalline
Cubical pyrites disseminated in veinlets about 5%

Mo are found in one spot. They occurs as tiny little flakes in the qtz veinlet and is associated with cubical pyrites.

L-9 Pyroxenite sample (Very heavy.)

There are roughly two types of qtz veinlet noted in the western hill top. This observation is based on the study of floats on the slope. One is compact qtz, unfavourable for mineralization of any kind, the other is crystalline qtz usually associated with pyrites and magnetite. However in some cases, this is not strictly true.

FLOAT C-6 In one float, it is silicified with py and magnetite as its accessory minerals.

The hill top in the west, the floats are mostly diorite (greenish) with quite a bit of magnetite in the rock.

545' Going towards East
80' × 30' Outcrop diorite with qtz
L-10 veins cutting through, most of the rk about 1" thick barren some qtz carry pyrite (perfect cubical shape) but most qtz seems to be have been recrystallized Epidot found in some part of the rk body. A sample is taken.
L-11 - A sample of coarse grained diorite.
210' × 35' Outcrop same as above in many places showing breccia
1250' hit the claim line at 600'

The finer grained diorite outcrops are found to be associated with qtz or aplites veins, whereas the coarse grained diorite sample is collected distant away from them

In ~~both~~ those two outcrops
the light minerals show
to have some kind of
pinkish color. Didn't
know the reason why?

C-6 is collected as a
typical float found
on the slope, showing
there there may be a
fault passing through
the property from north
to south.

14-6-72.

Exploration to the East out
of the property. Travelled
in a triangle ~~pattern~~
traverse hoping to hit
some outcrops ~~in~~ spotted in
the air. All mapping done
with the help of airphoto BC 7167-150.
I hit an monzonite outcrop
400' x 200'. I found chy associate
with qtz veins as well as rock
itself. Another big outcrop with
the same kind of rock showing a ~~thing~~ chy.

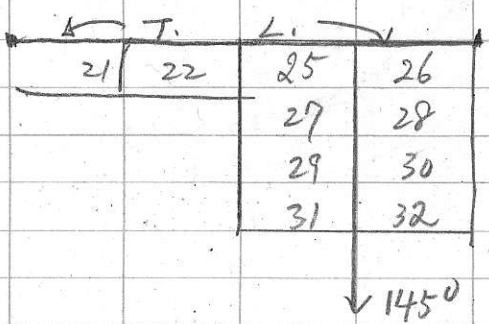
15-6-72

Staking claim.

LINE 15	353986
16	87
17	88
18	89
19	90
20	91
21	92
22	93
23	94
24	95

16-5-72

LIN	Number
25	353951
26	52
27	53
28	54
29	55
30	56
31	57
32	58



Geological mapping. 18-6-72

Starting from the post with initial 52 and 70, and final 51 & 71, Travel along T.L towards the east.

Station 1 Outcrop 5'×4'×3'

0' Granite with 30% of biotite

160' 5'×5'×3' granite " " " "

400' 265'×145' granite outcrop with qtz veins and feldspar aplites at one locality; on both sides of a qtz vein (which cuts through the aplite) there are muscovite showing parallel structure to the qtz veins (alteration?). In the granite body ~~some~~ there are evidences showing biotite changes into chlorites. One set of clear defined joint system is 30°

600' 80'×200' granite outcrop with K-felspar phenocrysts. 30° joint system. the other set of joint system is roughly at rt ∠ to it. The outcrop

is continued with another 100 ft.

1000' to 1200' ~~1100' to 1200'~~ Granite outcrop with evidence of qtz rich; less muscovite, most rocks are rusty, reddish & brownish stains, but No mineralization the strike of the outcrop ~~are~~ is only at a small angle to the T.L.

From 1200' to 1600' outcrop 187' × 400' There is a tendency of decreasing in amount of biotite; The rock ~~gradually~~ is getting more and more look like the alaskite granite.

1700' an angular float showing greenish calcite vein cutting through the granite (looks like to alaskite granite?) 5' × 3' trust not to be transported very far.

1800' outcrop + floats still found

hanging along the line. Granite

145' north of initial post 23 & 24 L

A very angular float. 5' by 4'
Greenish lime-like & calcite
veinlet associates with
~~yellow~~ yellowish brown rusty
zone. At one spot it shows
a tiny bit of ~~cpy~~ cpy and
a bit of Mo. However. No
more could be read from
the same float.

After 200' up towards the final post
of 23 & 24 all floats are
diorite granite. They are from
angular to subrounded.

After 800' all floats are diorite
granite with smoky qtz

From the final post of 23 & 24
run a line ∠ 55° for 800'
No outcrop at all could be spotted.
Then change ∠ to 162°
At 53 an outcrop hidden
under a tree.
Monzonite

300' an outcrop 5' x 6'
alaskite granite with
smoky Qtz

503' same as above 2' x 4'

1246' same as above but
with reddish stains
a float near the spot has
greenish ~~calc~~ calcite
intruded into rock.
Again it's very rusty (yellowish
brown) at some spot it
seems to have some Py (?)
stains remained.

The line hit the claim line at 30' to the north of 200' mark flagging. Then walked down initial post of 19 & 20 along the blazing line

Then spend quite a time in the big outcrop located near the post L-12 & 13 outcrop highly weathered ~~but colour~~ rock with reddish and yellowish stained zones show ~~chy~~ copper stain General strike of the outcrop is 158°

At the centre of a beaver dam lake 100' away south from the line L-14 Monzonite ~~with~~ from ~~medium~~ porphoritic K felspar to the structure of very fine grained rusty but altered ~~& green~~ whitish green rock The latter shows presence of py and chy (?) Generally strike is 108° to 110° dip is ± 200° the sample shows rock in a chilled zone

L-15 show monzonite with chy showing at this locality.

Geological Mapping 19-6-72

Start at 800' N from initial post of 70 & 52 running a line 108 N

324
218
106

218'-324' 106' × 50' Outcrop
Granite with 10% of biotite
Much part suffers weathering
very rusty and stained.

922'-942' 20' × 4' outcrop, rusty
weathered rock granite (?)

1009-1142' Granite + weathered rk.
(134' × 20') with 8% of biotite gradually
decreasing towards east.
1142'-1264' Alaskite granite,
62' × 10' some very rusty.

1324' continued Alaskite granite
1324'-1447' Alaskite granite with
smoky qtz. Some
reddish iron oxide stains.
disseminated in the rock

1407' - 1953' outcrops + floats.
all alaskite granite.

1953' - 2460' Most are floats and boulders.

2460 - 2694' Outcrop + floats
alaskite granite

Set 35' from the flagging 108N/128E
then follow claim line to the
north to the final post of 23+24 & continued
the line with 325° till hit
the creek at 650'.

Now going along the creek in order
to catch those creek flowing down
from the southern hillsides
And at the same time trying to
map outcrops ~~around the~~ along
the creek.

About 200' from the extended
line along the cliff
20'x8' calcitic xx showing high
under a content of magnetite &
tree samples (2) taken L-16

About 400' monzonite with pyrite medium grained in a sort of greenish red (probably due to weathering) fry showing. Some are very rusty.

441' monzonite outcrop. 40' x 15' Some rocks show fractures. The outcrops are quite broken up. Some calcite rock found adjacent to these outcrop.

762-892' 30' x 35'
Monzonite outcrop. The rock is calcitic (greenish tint color)


Shape

908-920' monzonite same as above

975' Monzonite with chy fry and magnetite
L-7

978 - 1176' Monzonite Med-fine grained

1176 - 1264 Monzonite mostly fine-grained with epidot veinlets cutting through the rock.

located in airphoto

180° + 270° Joint systems

of Monzonite

20-6-72

Tom and I doing soil sampling at 68N+133E at one outcrop close to the place where I found the big cpy showing. I found fine-grained Mo. in monzonite.

Again at 68N+134E We found more cpy + Mo showing.

So I gathered all the rock samples from this same locality as L-18. These samples are collected for the purpose of showing how the mineralization goes with the rock. Both cpy & Mo occurs as disseminated particles within the monzonite as well as associated with quartz veins and fractures within the rock.

Rose rock samples are mainly collected at few spots over the whole outcrop about 400' by 200'

21-6-72

On 60N+118E to 120E
200' x 160' outcrop Alaskite granite
rusty stain!

The outcrops are badly broken up. Qtz rich but the qtz is not smoky in color as found in the north.
At one or two ~~locations~~ spots some calcitic veinlets are detected within the rock.

24-6-72

Staking Claims

		Tag Number
LIN	33	35935 9
	34	60
	35	61
	36	62
	37	63
	38	64
	07	65
	08	66

25-6-72

LIN 47 359367
48 359368

26-6-72

LIN 40 359373
41 74
39 72
58 71
49 69
57 359370

29-6-72

LIN 44 359377
45 359378
74 359383
81 359384

1-7-72

LIN 42 359375
43 76
76 85
77 86
78 87
79 88

2-7-72

LIN	84	3593 89
	85	90
	86	91
	87	92
	88	93
	89	94
	90	95
	91	96
	92	97
	93	98

3-7-72

RODE	49	3593 99
	50	3594 00
LIN	94	3594 01
	~~95~~	3594 02

6-7-72

FR	5	260403