

KAPPAN LAKE - KM#3 672412

- temp $\sim 40^{\circ}$ cloudy No wind
- ~~200~~²⁵⁰ ft and 250 ft to end of lake from camp
- from camp go $N10^{\circ}E$ for 160 ft - hit end of road to old camp. On road go 094° for 95 ft then swing right 160° for 575 ft and come to intersection of main Kappan lake road. Go left at 70° for 200 ft and reach creek washing over road. - creek heads due east
- 4km0012L taken just above road
- 500 ft up creek 4km0012L and 4km0013R taken - stream now ~~flows~~ goes 170° . Some magnetite in ore - $40' \times 80'$ and then granite rubble goes for 210' - at 810 ft creek dir. is 114°
- 1000' 4km0014L taken and Rock 4km0015R is also taken ore occurs on both sides of creek width unknown but starts at 900' and goes to 2000' ft upstream.
- at 1000 ft direction changes to 142°
- 1500 ft 4km0016L and 4km0017R taken
- altitude $\approx 3600'$ Rock is granite B.R.P.
- creek dir. now 118°

at 2000 ft ~~% of granite~~ 50 ft wide follows
creek which is now 118°

~~4~~ 4km0018L taken here - alt 3670

- 2080' % B.F.P Granite 50' wide follows
creek which is now 154° to $2350'$

at 2350 ft o/c disappears and rubble (intr)
occurs.

- 2500 ft 4km0019 & taken elev. 3700'

4km0020 is B.F.P. also taken

width of o/c unknown.

- 3000 ft 4km0021L taken - flat and marshy

- From here go 100' at 212° and find hill
of intr. granitic boulders end of traverse.

- Go back down to road where creek crosses
road. - creek goes 370° - at 100 ft down

from road % B.F.P. on east side of creek

175 - on west side of creek 200 ft

down from road small o/c into B.F.P. 50' x 50'

- 500 ft down from road take silt sample

4km0022L - approx 1000' creek enters
lake

- From creek mouth following lake shore

due west for 500' then 210° for 200 ft

to where I hit the camp.

June 4th 1979 B. Lennon R. Marsh

cloudy - damp - about 75°

- From km = 3 proceed 250 ft at 267°
to end of lake then 206° for 190 ft
where we hit claim line. We go 180°
up the claim line ~~to~~ for 115 ft to
claim post F.P. (No. 2) Mm 97

Locator John Eckerley - Anaconda July 9/68
and F.P. (No. 2) Mm 98 - as above

- I.P. Mm 99 - John Eckerley - Anaconda
July 9 1968 - Direction to Post 2 - North
1500' - to left 1500'

- I.P. Mm 100 as above but 1500 ft
right

- going south on claim line - hit main
road in 260 ft. intrusive rubble along road
turn right on road 257° and go 460 ft
then swing to 278° for 650 ft and
find large creek running ^{across} ~~up~~ the road.

- Kappen River. Also a cut line going N-S
goes south from road.

- Rick Marsh Samples stream & rock
upstream from here starting just above
road with sample 4 km 00234. See
Ricks Notes for rest

- I proceed down stream - creek flowing 069°
- at 265 ft creek flows 056°
- at 415 ft downstream from road see a soil[?] line running N-S. blazed
- at 500 ft down from road take sample 4K000012 - stream ~~now~~ running 085°
- at 590' downstream from road $9/8$ B.P.P granite 100' by 75 trending 132° - 30' up from stream - jointsets $018^{\circ}/90$
 $340/75$ NE
- at 685 ft down from road creek flows 030° at 730 ft abruptly flows 320°
- now at end of Kappen Lake Swamp.
- at 1430 ft creek from Kappen Lake joins this stream ^{and} flow off in direction 247°
- sight from junction to camp 112° and 900 ft.

- June 5 1974 - sunny - warm Kappen Lake - Rick has gone down Kappen Creek from junction at the edge of the swamp to silt sample
- I am running a line $N60^{\circ}W$ to try and find a mineral showing

- from creek junction I go 3000' for 200' where I find a small ridge running in the same direction. It's about 100 x 100 and is full of B.F.P granitic boulders
- 555 ft along line N60°W I hit a ridge running 252° for a distance of 150' by 40' containing intrusive rubble
- 30 ft due south is an o/c of B.F.P granite, that has ~~at~~ some rusty spots throughout. Oxidization of magnetite I suspect. - 4KLO002R taken
- o/c is fractured in a N-S direction with a vertical dip - about 3 per foot
- at 775 ft along N60°W line I am on top of a knob where o/c occurs for 115 ft long and 200 ft wide trending 272° - take sample of B.F.P 4KLO003R
- Fractures 316° vertical and 280°/90
- 1 ft thick basaltic dyke cuts rock and ~~at~~ is 080/60° NW
- From 885 ft to 1450 ft I see intrusive rubble
- at 1450 ft Ram about 100 ft away from Kupper Creek -

fracture of water here but ~~no~~^{no} silt

I take soil sample AKL0009 S

- from this point I head 046° for 270 ft

when I see large o/c of B.F.P granite

from this point looking to 3000 can see

200 ft of B.F.P. but width unknown.

- now going 80° for 100 ft and at

base of large white B.F.P o/c

- climb up on top and take sample

AKL0005R o/c is $75' \times 75'$ and

on top there is an abundant supply

of intrusive boulders

joints $118/90$ and $98/40$ SW

shearing $196/90$

- from here head 086° and in 150' see

o/c of B.F.P which extends to 220 ft

at 390 ft see o/c $75' \times 75'$

at 425 ft have an o/c 200 wide

to 700 ft along 086° at 700' take

sample AKL0006R

at 820 ft small $40' \times 40'$ o/c

B.F.P granite

- 1500 ft come onto claim line

- about 200 ft North on claim line

see small B.F.P. granite etc 10x10'
and 775 ft Sind claim post

- F.P. mm #1 JOHN McAndrew June 3
1968 - ~~904902~~ 904901

F.P. mm #2 JOHN McAndrew June 3
1968 904902

- IP mm #3 JOHN McAndrew June 3
1968 Due north 1500 ft to post 2
1500 ft left 904903

- IP mm #4 904904 1500' Due North
to next post 1500 ft right - June 3
1968 McAndrew.

- Coming back down claim line (south)
- 1400 ft come to C.P.

- F.P. mm #9 ~~John McAndrew~~ John Ekersley
June 9 1968 ~~1500~~

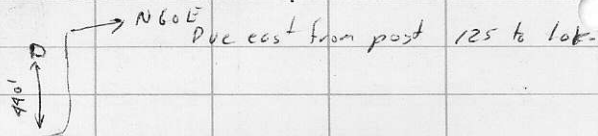
- F.P. mm 100 JOHN Ekersley June
9 1968. Anacanda

- IP mm #1 John McAndrew
June 3 1968 Anacanda 1500' due
North to post 2 1500' to left

- IP mm #2 John McAndrew
June 3 1968 Anacanda 1500' due North
to post 2 - 1500' to right.

From this post to lake is 5 ft.

- June 6th 1974 Cloudy - cool
work up claim line with Rick Mansel
- from lake up N on claim line
it 5 ft from start of creek from
lake to C.P.
- a 325' on ridge trending N15 with
abundant B.F.P. Boulders.



at 440 up from creek hit c.p.

F.P. MM 100 July 9/1698

905100 ANAndrews - Ekenley

F.P. MM 99 905099 Ekenley 9/9 1968

I.P. MM 1 McAndrew June 3 1968

904901 Post 2 1500' NW

1500 left

MM R 2 McAndrew 3/6/1968

904902 1500 Due North

1500 Right

- at 600' on top of knob. o/c of

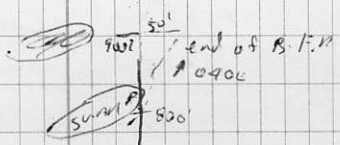
B.F.P. 100' x 75'

sample taken 4 km 0046 R

taken

there are rusty blotches on ore but no visible
minerals - possible minor magnetite
ore trends 060°

at 800' at end edge of swamp



at 900 ft ore ends and
is trend $N40^{\circ}E$

at 1070' open area $50 \times 50'$

- at 1160' hit my station where I came
out to yesterday

at 1200' soil sample 4km 00475 taken
also starting up hill

at 1400' hill levels of slightly

at 1370' to west 10' small ore B.F.P.
rusty but ~~no visible~~ min. some disseminated
pyrite

at 1600' still climbing - B.F.P. rubble

- at 1800' in a seep area drag soil sample
taken 4km 00485 - organic - horizon unknown

- at 2000' - C.P. F.P. mm 1 & 2

I.P. mm 3 McAndrew - June 3 / 68

904903 - Doreado 1500' N - 1500' left

1P. mm#4 924909 McAndrew June 3/68

1500 Due W. 1500 vight

- starting up hill that goes to ridge
viside N of camp
- at 2200': still climbing - B.F.P Rubble
a few of the rock have more mafic
now - hornblandes or pyroxenes more common
- a little more play - these may be more
granodioritic in composition
- surface is slightly rusted but no mints to
visible - rock weathers to a rotten texture
- 2400 - climbing hill - lots of B.F.P rubble
- soil sample 4km 0049S taken
- at 2600' approaching top of ridge
- going up side of small gully
- ore to east visible but will visit tomorrow
- on top of ridge - 2750 ore of
fresher B.F.P 4km 0050R taken
- go west from 2750 tomorrow
- 2800 - station
- 3000' - soil sample taken 4km 0051S
- will come back to here and go easterly
after locating FP 349
- 3200 station -
- 3270 - 20x20 % B.F.P 30' west of line

Fresher appearing rock with minor chlorite
alteration of biotite

- at 3350 - F.P. mm 3 904903

June 3 / 68 - McAndrew

F.P. mm 4 904904

McAndrew June 3 / 68

I.P. 904905 mm #5 McAndrew

June 3 1968 A record

1500 Due North to Post 2

1500 ft left

I.P. 904906 mm #6 McAndrew

June 3 1968 - 1500' Due N. to post

1500' to right.

- back at 3000 ft station on claim
line - new heading SE 130°

- 150' hit end of Swamp - goes N for 75'

- 200' - some B.F.P. Rubble 100' x 100'

- at 520' hit a blazed line running

N-S and East west.

We follow east west line. - 0' here.

~~- now going east.~~

- So south of this line intersection is old B.F.P.
No visible mineralization

- No proceeding east from this junction

-200 - right on top of ridge lots of
B.F.P rubble around

-400 - o/c of B.F.P granite 75x75'

4km 052R taken some magnetite

2 small 6" wide aplite dyke cut the
o/c one trending 112/90

the other 186/00

prominent jointing is 232°/47° NW

-600' large B.F.P rubble around

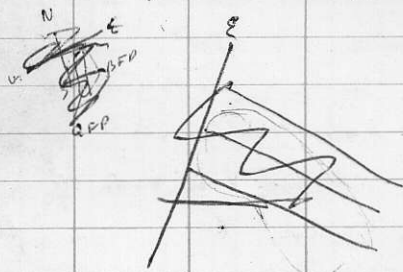
- going down EW line - looks like it
is heading to lake shore

- 700 ft intersect another N-S line

~~o/c E-W line curves to 080~~

- o/c of B.F.P - it is rusted and

coarser grained - more pyrite or pyrrhotite mineralization



c

800 ft intersect another N-S line
check o/c

- 980
 - ~~980~~ another N-S line
 - 1000 - station
 - 1100 - N-S Line line goes 090°
~~line goes 080°~~
 - at close 1100 ft N-Line and 030° Line
 cross E-W line
 1200 ft station
 1350 - 100° line now goes
 N-S line intersect
 1400 station -
 1485 - ~~slide~~ BFP Rubble - 30° line
 crosses at 1500'
 1600' Station now going 090°
 1800 station -
 2000 station
 2200' Station
 2400' " large BFP Rubble
 2500' hit N-S Line - claim line?
 502 up N-S line - C.P. m 3374 75 76
 from E-W line south on N-S line
 go to lake is 200' ft
 - going 230° along lake shore for 200 ft
 260° for 400 ft
 516 for ~~300~~ 300 BFP

Now 176° for 300 ft

Now 205° for 200' ft + B.F.P. rubble + little

Now 140° for 200' ft

on lip with B.F.P. oil

4 boulders

Now ~~180~~¹⁸⁰° for ~~175~~¹⁷⁵ ft.

Now ~~250~~²⁵⁰° for ~~200~~²⁰⁰ ft

Now 259° for 200 ft

Now 305° for 175 ft

Now 200° for 200' ft

Now 152° for 200' ft

Now 260 for 360 ft

From 200' to 360' ft have

B.F.P.

→ this is corner piece to this running from C.P.

~~Now 160° ft for 370 ft~~
158

Now 158° for 390 ft

Now 224° for ~~162~~¹⁷⁰ ft

at starting point

along creek Now 289° for 235' ft

Now 228° for 291 ft

Now ~~224~~ for 100 ft

back to camp 118° for 600' ft

100° for 100 ft



at 600 ft B.F.P. on side of the hill



June 7 1974 Sunny Warm
- see Rick Notes for today's traverse

June
July 10 1974

Cool cloudy with light.

Breeze

- Rick chaining today while I take notes. Using red white striped flagging
- traverse proceed ~~due west~~ ^{300° west} of
C.P. E.P. 182 I.P. 389
- go 300° for 200' - no 1/2
going up slope - no rubble - little float
- heading on 250°
- from 200 to 100 - no o/c just a
few granitic boulders
lots of low dead fall
- heading 250°
- 510 ft - have large o/c of granite
- large hexagonal blocks of Biotite
- sample # 4km0067_R taken
at 540'
- some xenoliths in o/c
- 600' marked
- at 800' granite ends and large
Rubble boulders start. width of whole
o/c is about 200' wide.
- still on 250°
- at 895 ft cross a 10' by 10'
o/c of granite.

- at 1000 ft am in the center of an old 100' by 200' - granitic rock with sericite alteration

- 4km0068R taken here

- brush dead fall is not so good

- heading 250°

- ~~1100~~ head.

From 1000 ft to 1200 large granite rubble boulder dead fall thick

- at 1200 heading 250° and going down slope.

- at 1290' cross N-S line.

- at 1400 ft station in center of 50' x 50' dc. about 50' south is a swamp

- sample 4km0069R

major fracturing N-S

- from 1400 ft to 1600 no old

- 1600 is just 40' off end of swamp in flat area

- heading 250°

- 1690' come up small rise to a rocky plateau. large and small granite rubble

- at 1800 ft soil sample taken possible B horizon
 - 4km007025
- heading 250°
 - From 1800' to 2000' granite rubble abounds o/c. close.
- at 2000' heading due south this will now become zero pt.
- heading 180°
- at 50 come on to o/c ^{100'}~~50'~~ wide and trending N-S prominent joints 220° vertical
- at 200' still on granite o/c
 - heading 180°
- at 250 ft am out of o/c heading 180° down steep slope that is made up of large granite rubble boulders.
- at 400' go 50' west and find large boulders - very close to o/c perhaps from the o/c described above. A small amount of pyrite was found along fracture surfaces.
- Soil sample 4km00715 taken at 400' mark on line.

- heading due south (180°)

- 400 to 600 going down slope

- deadfall all over but not terribly bad

- at 600 ft have a 30 x 40 granite outcrop
about 50 ft ~~west~~ east of line and

20 ft west of line a large 10 x 20
boulder of granite occurs

- heading due south

- from 600 ft to 800' flat ground
open and very few boulders and
relatively open bush.

- at 800' I see sample flag ~~AKR00015~~
AKR00015 about 50' ahead.

- near creek - take sample AKR00025

- heading due south.

- 800 to 1000' descend to creek
(Kappan). at 1000 ft intersect
creek right on corner

- go south on creek for 134 ft - ^{8%} across river

- head 120° on creek for 200 ft.

- head 180° on creek for ~~135~~¹⁴⁵ ft. etc

- head 90° on creek for 150'

- head 140° on creek for ~~200~~²³⁰ ft.

300 ft. The first 230' are granite etc

now heading 080° on creek for 200 ft.

where come on to granite etc

- now heading 120° for ~~100~~⁶⁰⁰ ft

- heading 060° for 80 ft

hit junction. 160 ft to crossing

on creek.

June 17 1974 Near A & E

Sunny, warm - chopper lift in AM

ATM0098R - Micro diorite to andesite

- grades occasionally to very porph. rock with
ophanitic matrix and large phenos of Qtz
& feldspar. occasionally minor amounts of
pyrite present.

Structure 010/90

299 / 66° NE