010

Daily Prospecting Log

OP90 39,40,41

Wed. May 2 / 90

- Left Hi-way 502 heading E. - N.E. - toward Rattlesnake Lake
- Started in about 1/2 mi. N. of Rattlesnake Cr.

- Took sample S.J. -2-05-90-#1 about 500 ft. from Hi-way, just across creek.
  - Rusty zone -10 ft. W. x 100 ft. L. open both ends.
  - Mafics - Py

- Sample S.J. -2-05-90 #2 - E. side of Rattlesnake Lake - 1 1/2 claims S. of top
  Pyritized shearing

- Sample S.J. -2-05-90 #3 - 1/2 claim N. of N.W. corner of Rattlesnake Lake.
  - Rusty zone on cliff face.
  - Iron formation - heavy Py. and Magnetite.

- Sample S.J. 2-05-90- #4 - 1/2 claim N. and 1 claim W. of N.W. corner of Rattlesnake Lake.
  - Shaft on top of high outcrop - very old
  - Quartz flooding in Felsic? intrusive
  - No mineral found in Qtz.
  - Minor Py. and Chalco. in wall
  - Zone 50 - 75 ft. wide x 1000 ft. long-open both ends.

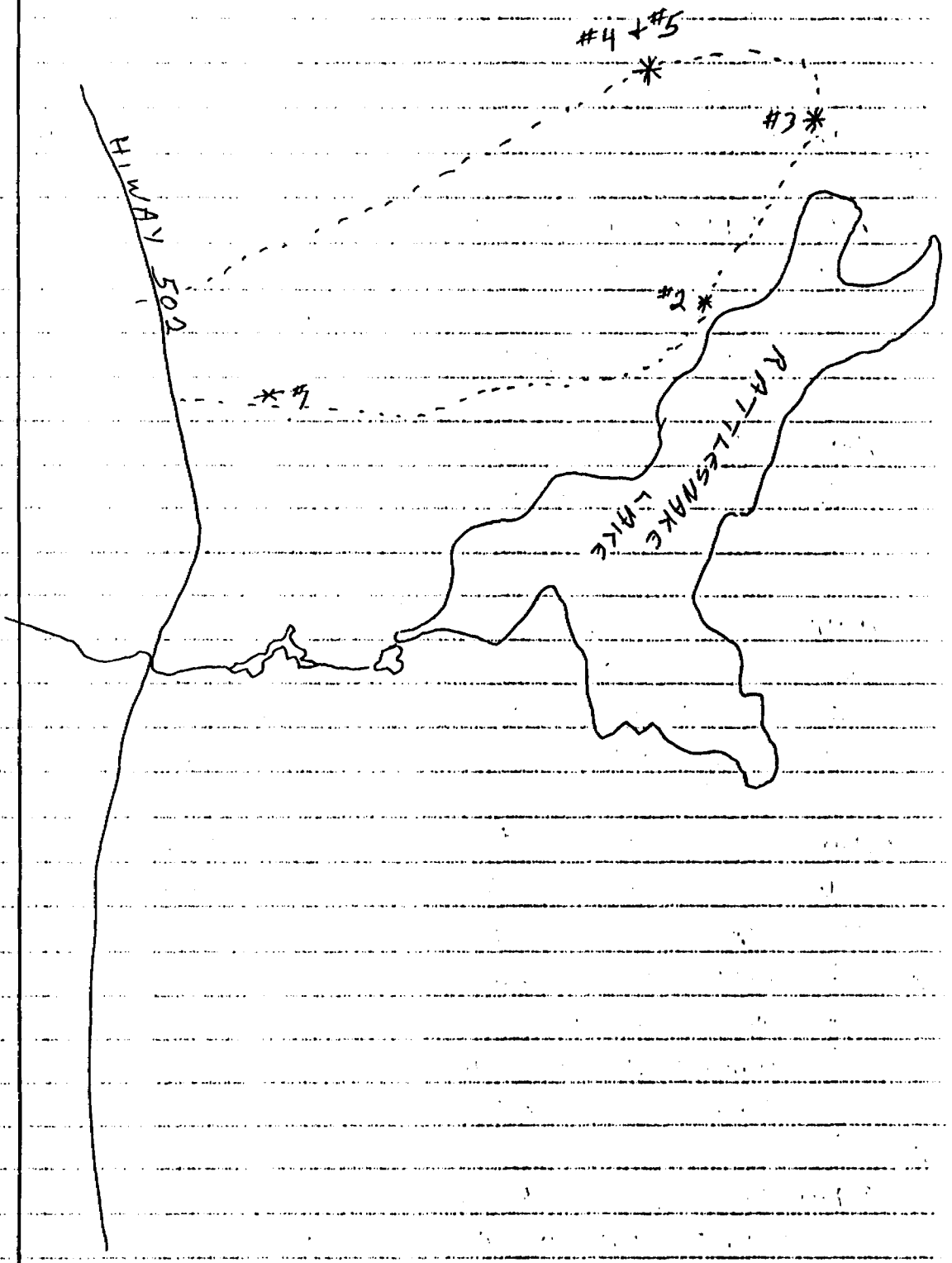
- Sample S.J. 2-05-90- #5
  - Rust from pit and zone of sample #4

Thur. May 3 /90

-Drove down G.L.P. road - first road N. of Rattlesnake Cr. and heading W. from Hi-way 502
  -1 1/2 miles off Hi-way 502 - N. of G.L.P. road found rusty zone of carbonitized mafics.
  -Sample S.J. 3-05-90- #1
  -Py. - sheared. - small felsic intrusive on S. end.
  -Zone 50 ft. W. x 800 ft. L. - open both ends

- Sample S.J. 3-05-90- #2
  -Road showing - 1 mi. N. of Mountdew Lake 3/4 mi. W. of Hi-way 502 on G.L.P. road
  -Felsite -Py. and Cpy. in rock

- Sample S.J. 3-05-90 #3
  Same as #2 but N. along road 100 ft.


#4 + #5
#3
#2
#1
HIWAY 502
RATTLESNAKE LAKE

Fri. May 4/90

- Analysed samples from previous days work
  -Found no encouraging results so far.
  -More work has to be done on some of the samples
  -Quit early - went to Doris Cosco's retirement party

Mon. May 7/90

-Went to Rattlesnake Lake via Rattlesnake Creek from Hi-way 502
  -One Portage of about 600 ft. and two of about 75 ft.
  -Shore of lake on E. side in all Granite - Granodiorite with nothing interesting.
  -Landed on N.W. corner and found remains of an old cabin. 80-90 yrs. old

-Sample S.J. 7-05-90- #1
  -Extension of iron formation that was found May 2/90
  -Qyz. Carb. veins 1 inches - 2 inches - Py.-found with it

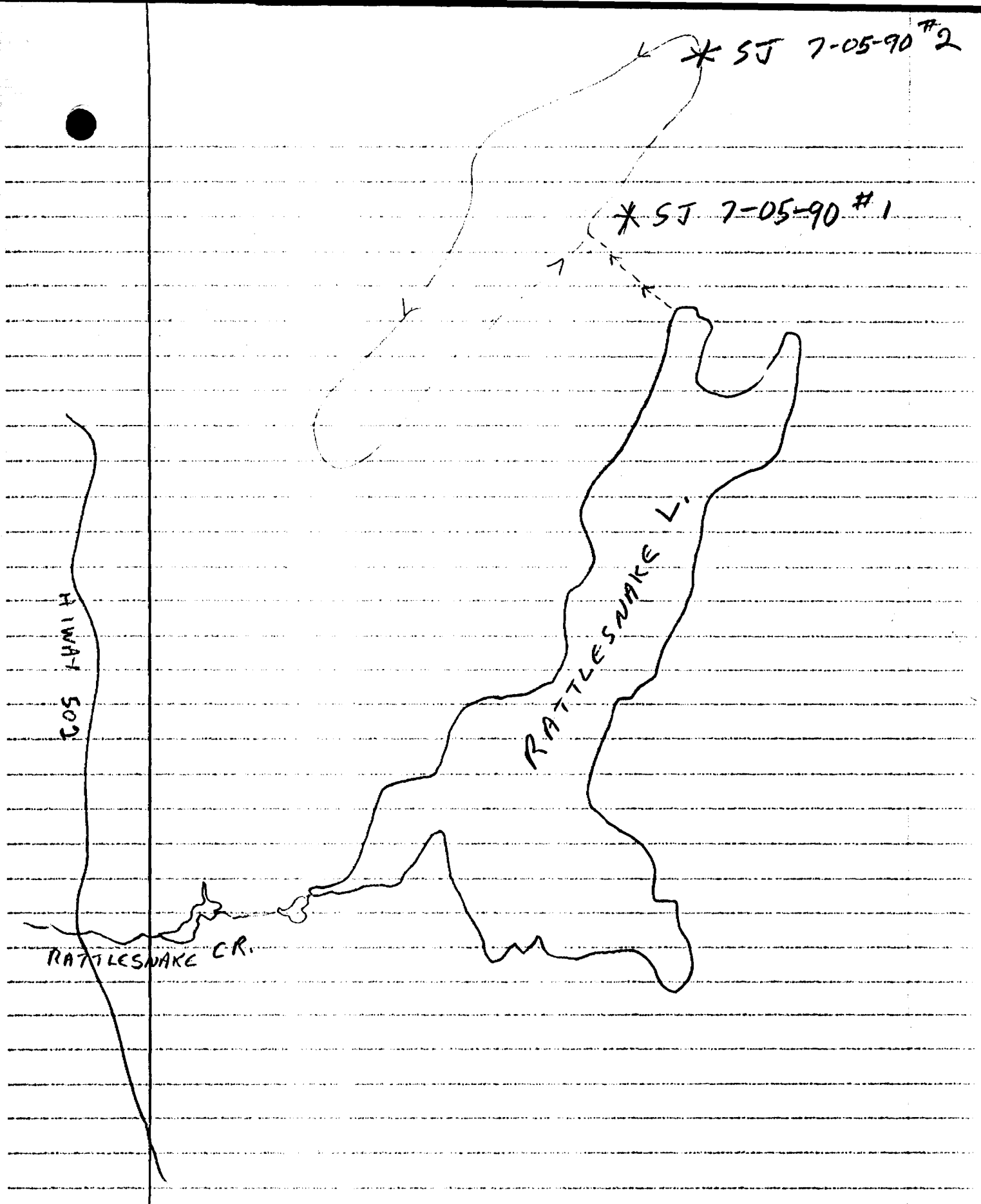
-Sample S.J. 7-05-90- #2
  -Rusty - sheared - Mafic zone carbonitized. - Qtz. stringers - Py. and Cpy. alteration - perhaps some Felsic intrusion
  -Zone of Carb. 50 ft. wide with zones 1 ft.- 2 ft. here and there of interest

Tues. May 8/90

  -Rainy day
  -Went down camp 38 road
  -Crossed Balmoral River
  -Travelled quite a distance all Granite - some Pegmatite no samples taken

Wed. May 9/90

-Rain - no work


* SJ 7-05-90 #2
* SJ 7-05-90 #1
RATTLESNAKE L.
HWY 502
RATTLESNAKE CR.

Thur May 10/90

-Down Hi-way 502 about 12 miles
    -1 1/2 claims N.E. to Long Lead property

-Sample S.J. 10-05-90- #1
    -N. end of system - shear zone
    -Py.- Magnetite

-Sample S.J. 10-05-90- #2
    -Minor shear zone
    -W.-S.W.-100 ft. from main zone of Long Lead
    -Opposite trench that is E. of main zone
    -Heavy Py. Granitic?

-Sample S.J. 10-05-90- #3
    -Nice Qtz. in shear zone - Long Lead
    -Py. and Cpy. - appears to be a parallel zone to the S.W. at swamp
    -Panned 3 colors with a poor roast

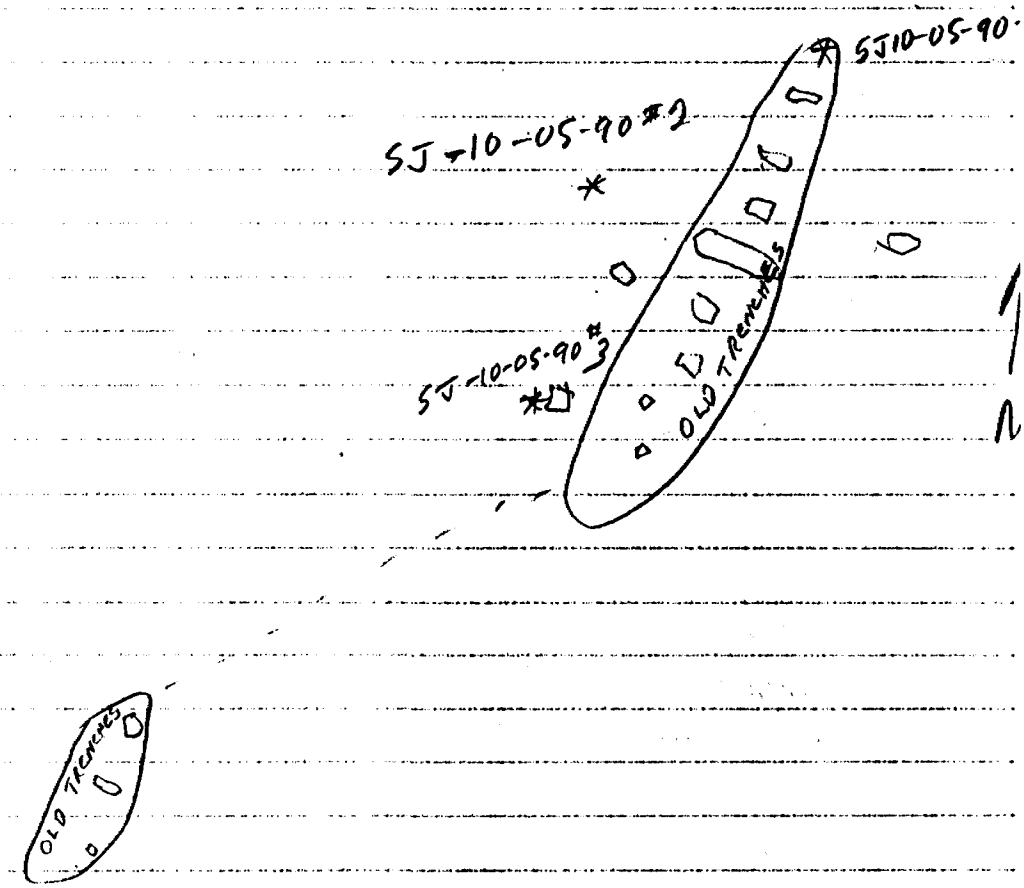
Fri. May 11/90

-Long Lead
    -Spent morning prospecting outcrop 1000 ft. S.E.
    -Started a picket line along showing
    -After lunch Charlie helped Bill - I prospected - found another shear with Qtz - Py - looks good but maybe small

-Sample S.J. 11-05-90 #1 - Long Lead
    -Qtz. vein in minor shear - Py - took rust for panning
    -E. of main zone on N.-S. claim line 200 ft. S. of center post
    -Rust panned 6 to 8 colors

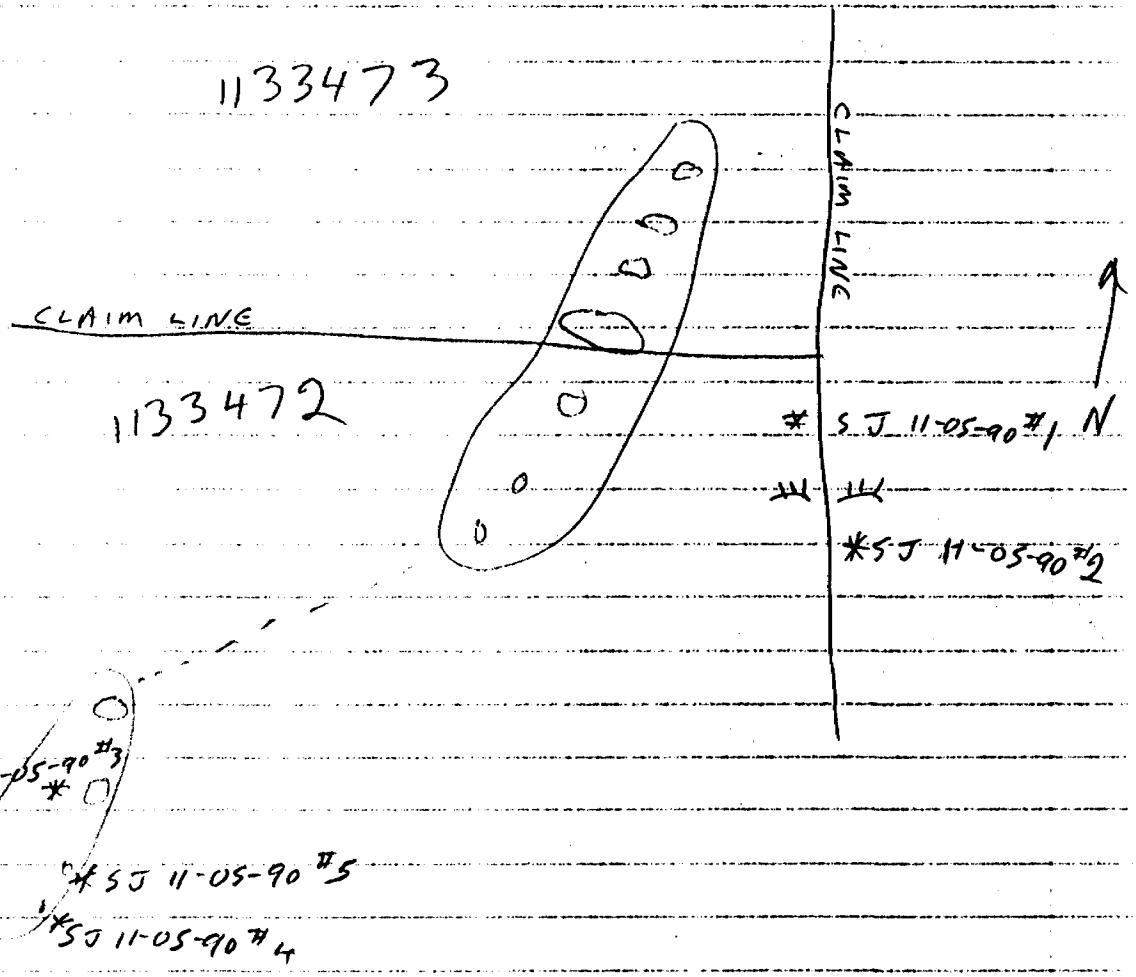
-S.J. 11-05-90- #2 - Long Lead
    -200 ft. S.- S.E. of sample #1 - On strike across swamp
    -Shearing 1 ft.-2 ft. w. - Heavy Py. in wall and minor Qtz.

-S.J. 11-05 90- #3 - Long Lead
    -South zone (American Jack?)
    -Center of zone 10 ft W. of main zone.
    -Rusty - rust taken for panning
    -Heavy Py. in Qyz. and wall
    -Rust panned very nicely - 30-40 colors


SJ10-05-90
SJ-10-05-90 #2
SJ-10-05-90 #3
OLD TRENCHES
OLD TRENCHES

FRI. MAY 11/90

SJ 11-05-90 #5 LONG LEAD (AMERICAN JACK?)
- SE END SHEAR ZONE - 50' N. OF SAMPLE #4
- PY CUBES IN ROCK (DIORITE.)



-S.J. 11-05 90- #3 - Long Lead
-South zone (American Jack?)
-Center of zone 10 ft W. of main zone
-Rusty - rust taken for panning
-Heavy Py. in Qyz. and wall
-Rust panned very nicely - 30-40 colors

-S.J. 11-05-90- #4 - Long Lead (American Jack?)
-S.E. end
-Large Py cubes (1/2 inches -3/4 inches) in dark Meta-Diorite or Gabbro

-S.J. 11-05-90- #5 -Long Lead (American Jack?)
-S.E.end shear zone - 50 ft. N. of sample #4
-Py cubes in rock (Diorite.)

Mon. May 14/90

-Went to Long Lead
-Prospected 1-1 1/2 claims S. in the morning - no outcrop to speak of
-Worked around showings in afternoon

-Sample S.J. 14-05-90- #1
-Qtz. vein - Py. and Cpy.
-10 inches w. in centre - pinches both ends - 15 ft. l.
-100 ft. - S.W. of sample S.J. 11-05-90- #2 on claim line

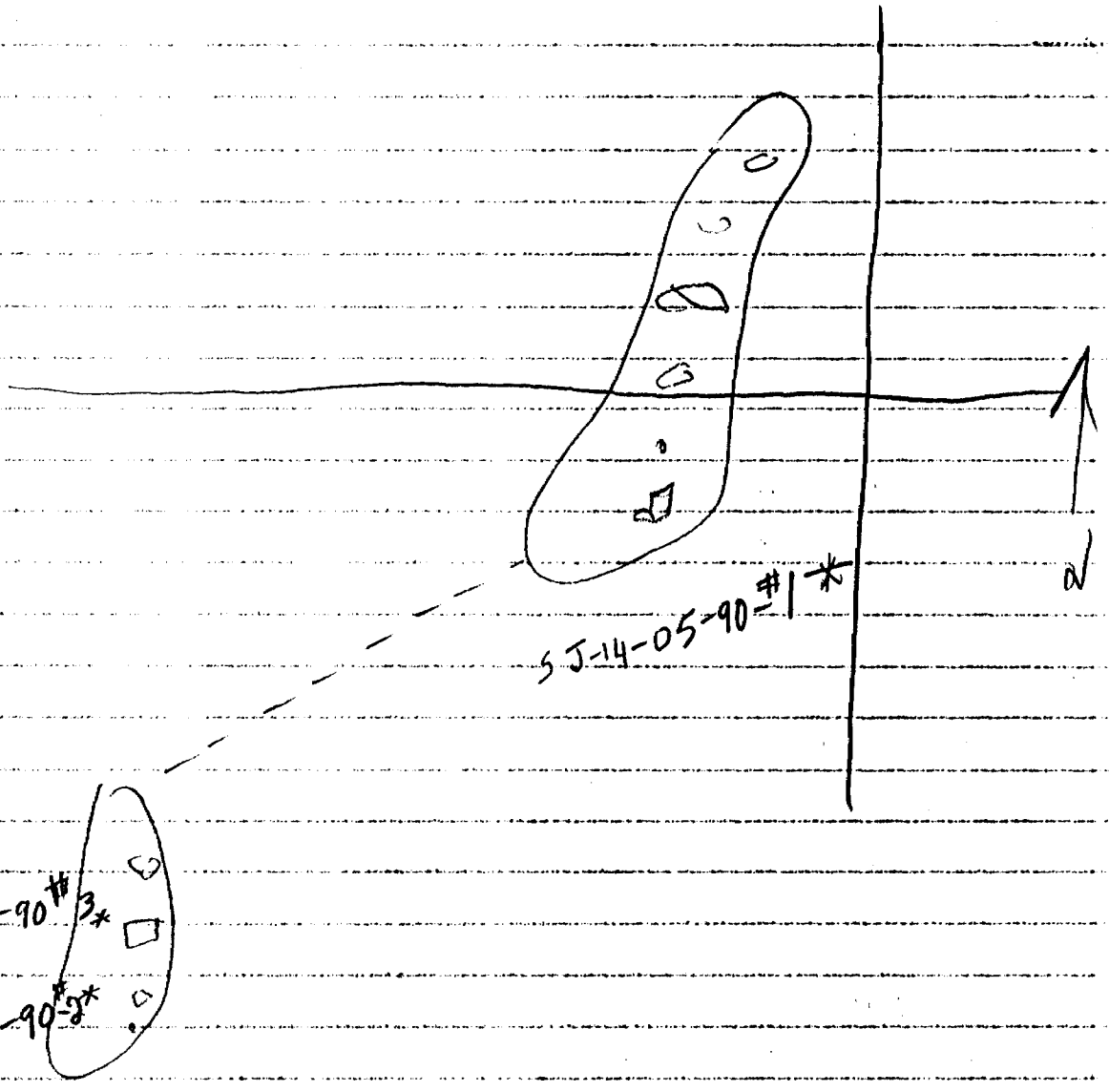
-Sample S.J. 14-05-90- #2
-Rust from shearing on Long Lead (American Jack?) 6 ft. E. of S.J. 11-05-90- #3

- sample S.J. 14-05-90- #3
-Rust from shearing on Long Lead (American Jack?) 65 ft. N. of S.J. 14-05-90- #3 on strike

May 15/90

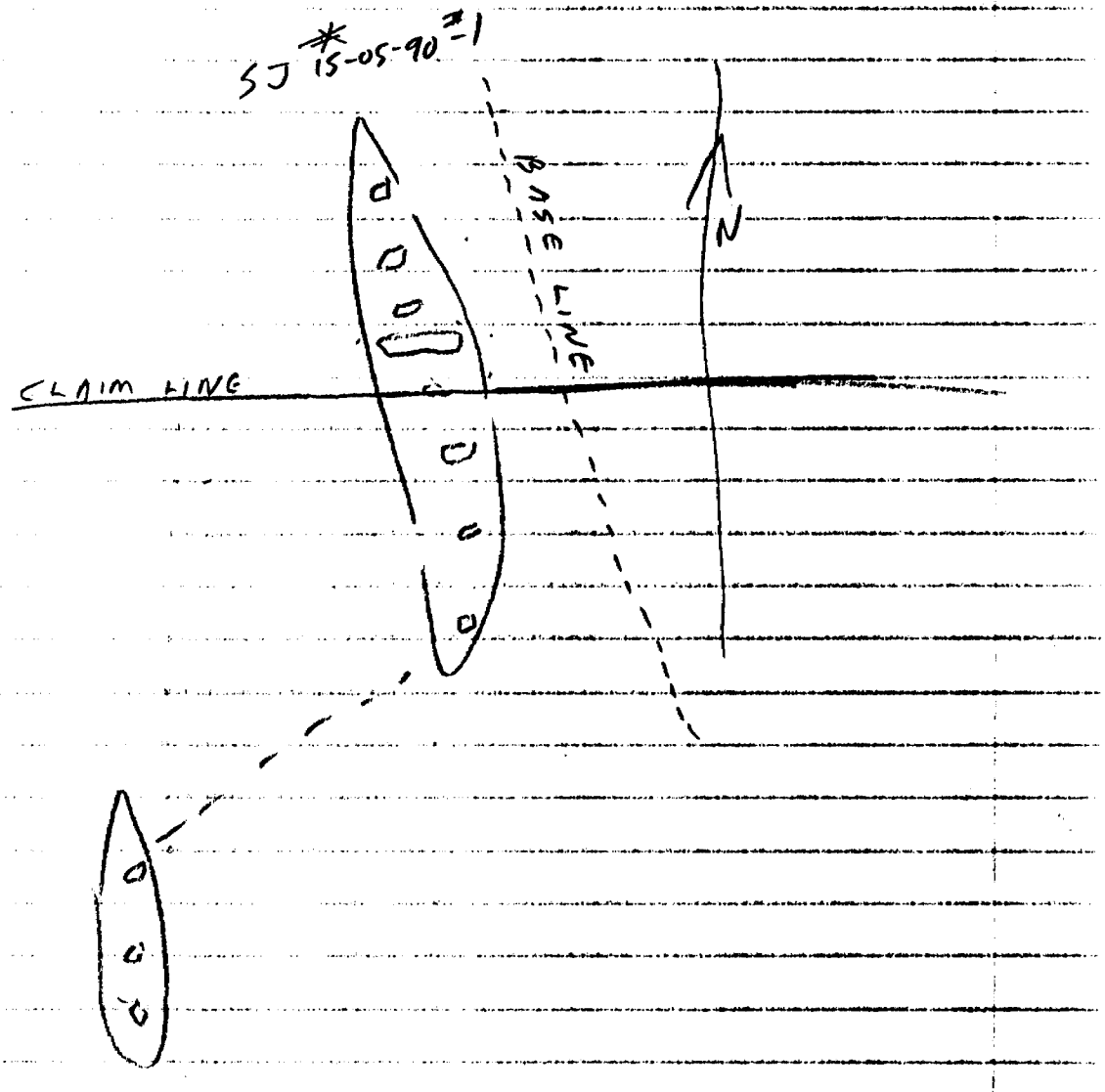
-Went to Long Lead
-Cut base line for most of day
-Prospected alittle just N. of main zone

-Sample S.J. 15-05-90- #1
-Rusty Qtz. and wall
-Py. - Cpy. and Moly.
-From 30 ft. N. of northern most pit


SJ-14-05-90 #1 *
N
SJ 14-05-90 #3 *
SJ 14-05-90 #2 *

MAY 15/90

- WENT TO LONG LEAD
- CUT BASE LINE FOR MOST OF DAY
- PROSPECTED A LITTLE JUST N. OF MAIN ZONE
- SAMPLE SJ 15-05-90-#1
  RUSTY QTZ + WALL
  PY - CPY + MOLY
  - FROM 30' N. OF NORTHERN MOST PIT



May 16/90

-Rained - no work

May 17/90

-Showers all day
    -Went down camp 38 road
    -Prospected scarified areas
    -2 new roads being put in - should be prospected when passable

-S.J. 17-05-90- #1
    -Banded - Py. and Cpy. 12 miles down and 1/2 mile on old skidder road

May 18/90

-Went to Long Lead
    -Checked out some of the trenches
    -Prospected to the E.

-S.J. 18-05-90- #1
    -Trench - S.W. end
    -Sheared - Qtz. - Py and Cpy
    -Beautiful looking sulphidiziation
    -Lines up exactly with American Jack
    -Charlie and I followed strike with compass across swamp and came right onto trench of American Jack

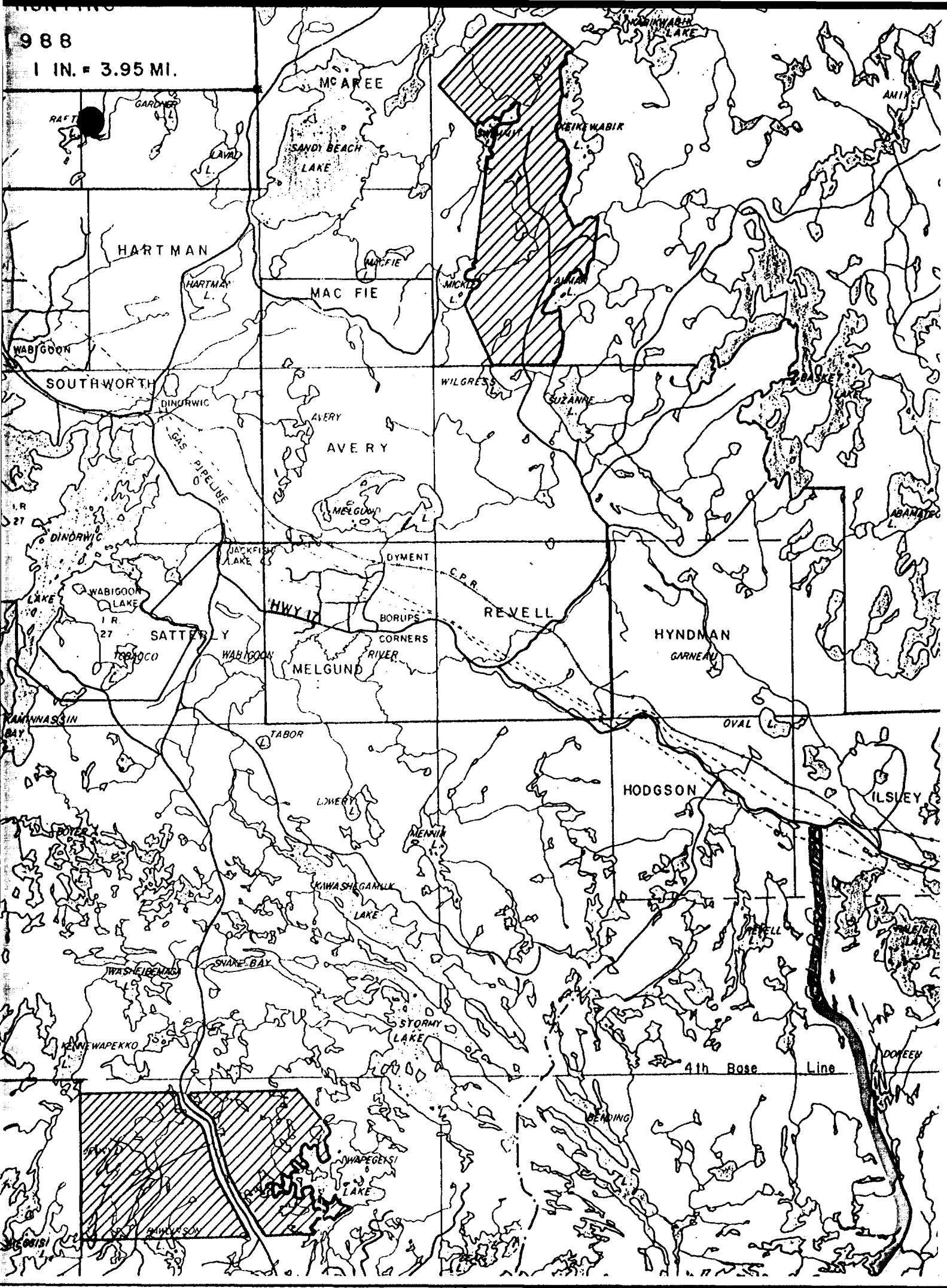
-S.J. 18-05-90- #2
-400 ft. E. of base line at S. end
    -Roughly opposite American Jack
    -Erratic Qtz. vein up to 6 inches
    -Pinch out. -no set strike

May 21/90

-Went to Long Lead
    -Finished base line to the north
    -chained back at 100 ft. intervals for 2000 ft.

-Examined a couple of the trenches

-S.J. 21-05-90- #1
    - rust and Qtz. from pit
    -50 ft. E. of base line at 600's
    -Off main zone
    -Different strike
    -Nice Py. - sheared - Qtz. here and there through shear

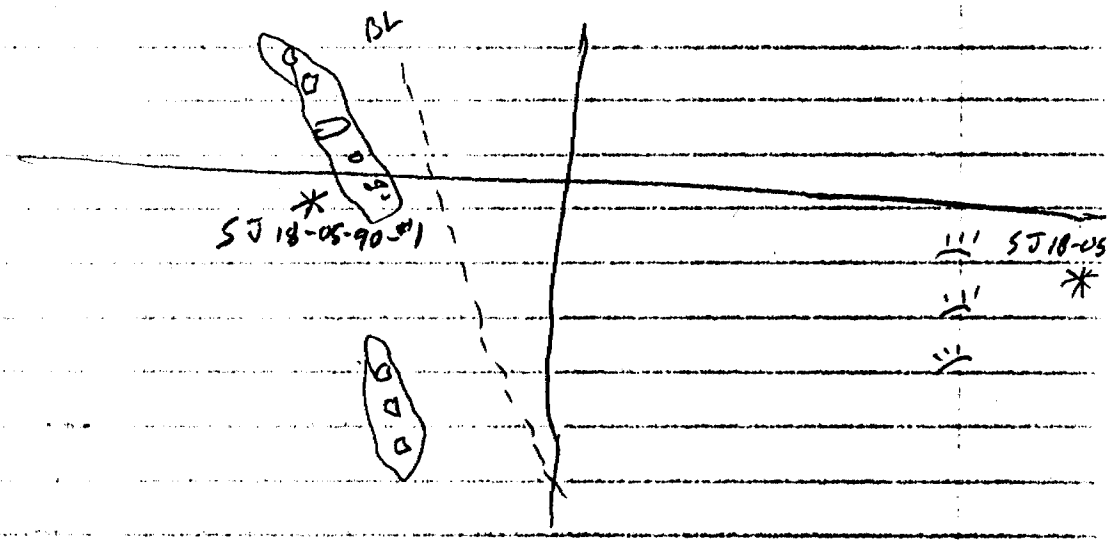

988
1 IN. = 3.95 MI.
McAREE
SANDY BEACH LAKE
LAVAL L.
GARDNER L.
HARTMAN
HARTMAN L.
MAC FIE
MACFIE
MICKLE L.
ALMAN L.
WABIGOON
SOUTHWORTH
DINORWIC
AVERY
WILGRESS
SUZANNE L.
GAS PIPELINE
MELGUND L.
DYMENT
C.P.R.
JACKFISH LAKE
WABIGOON LAKE
I R 27
SATTERLY
TOBACO
HWY 17
BORUPS CORNERS
WABIGOON RIVER
MELGUND
REVELL
HYNDMAN
GARNEAU
RAINY NASSIN BAY
TABOR
OVAL L.
HODGSON
ILSLEY
LOWERY
MENNIN L.
KIWASHEGAMUK LAKE
SNAKE BAY
WASHEIBEMAG L.
STORMY LAKE
KENNEWAPEKKO L.
41th Base Line
DOREEN
BENDING
WAPEGESI LAKE
RAWLINSON
EGGISI L.

MAY 18/90

- WENT TO LONG LEAD -
- CHECKED OUT SOME OF THE TRENCHES
- PROSPECTED TO THE E.

- SJ 18-05-90-#1
  - TRENCH - S.W END
  - SHEARED - QTZ - CY + CPY
  - BEAUTIFUL LOOKING SULPHIDIZATION
  - LINES UP EXACTLY WITH AMERICAN JACK.
  - CHARLIE + I FOLLOWED STRIKE WITH COMPASS ACROSS SWAMP AND CAME RIGHT ON TO TRENCH OF AMERICAN JA

SJ 18-05-90 - #2
400' E. OF BASE LINE AT S. END.
- ROUGHLY OPPOSITE AMERICAN JACK
  - ERRATIC QTZ VEINS UP TO 6"
  - PINCH OUT. - NO SET STRIKE



-S.J. 21-05-90- #2
-Rust from pit
-Same spot as sample S.J.-18-05-90- #1

May 22/90

- rained - no work

May 23/90

-Went to Long Lead
-Finished base line to 2400 ft. S.

-S.J. 23-05-90- #1
-North of main zone
-W. of base line
-150 ft. w. from 0 and 40 S.
-Qtz. stringers
-Py. and Cpy.

-S.J. 23-05-90- #2
-Same as #1
-175 ft. w. from 0 and 40 S.

-S.J. 23-05-90- #3
-Same as # 1 and 2
-200 ft.w. from 0 and 40 S.

May 24/90

-Went to Long Lead
-Cut line from pit to base line
(11 pits on Long Lead)

-Sample S.J. 24-05-90- #1
-Roughly 1 claim N. of N. end of base line - 35 paces W.-S.W. of centre post
-Qtz. vein 3 ft. wide
-Py. and Cpy.

May 25/90

-Took day off because we were going to Cobb Bay on Sat. May 26.

May 26/90

-Went to Cobb Bay and cleaned out trails and trenches - stayed at Cobb Bay Camp ($118.00)

-S.J. 26-05-90- #1
-Found mineralized Qtz. Por. - Tourmaline
-First Bay N. of portage into Cobb Lake
-On strike with previous showings

(panned 6-8 coarse colors - up to .10 oz/ton - Tourmaline panned the same with very little to no sulphides - Tourmaline should be looked for more specifically

May 27/90

-Spent day at Cobb Bay examining previous showings and prospecting the immediate area

May 28/90

-No work - I was not feeling good.

May 29/90

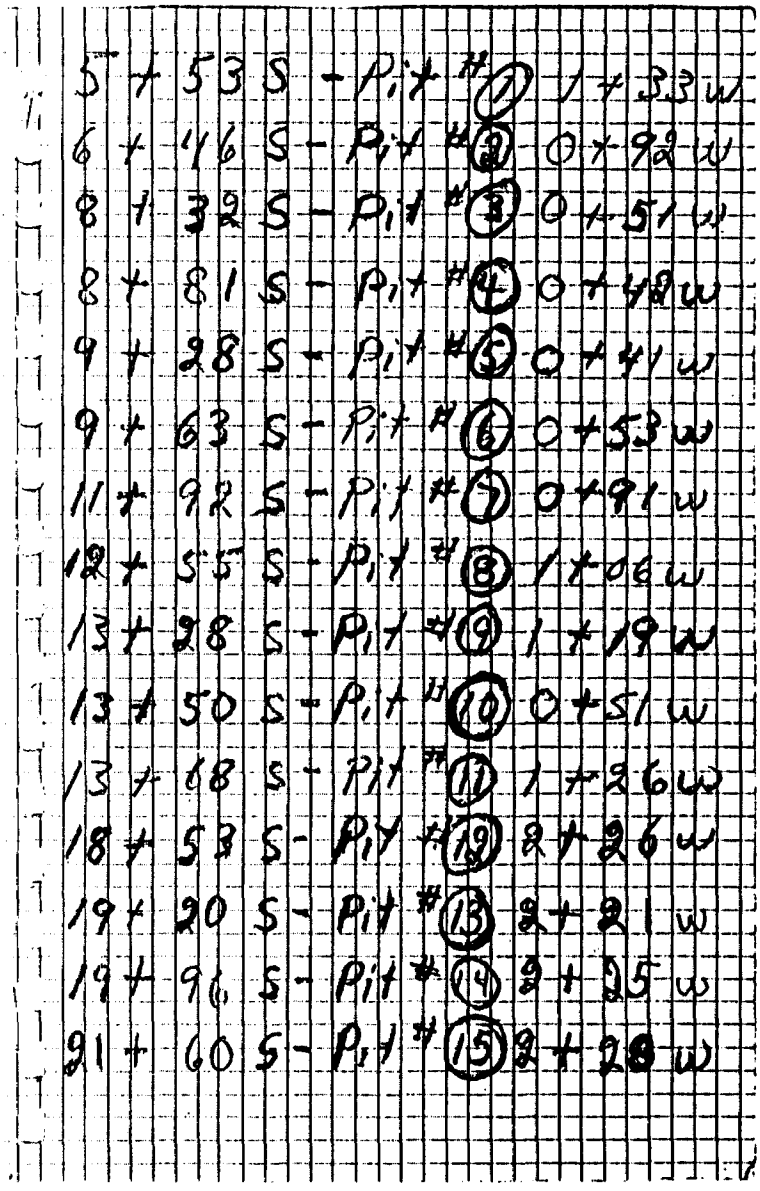
-Went to Long Lead
-Finished cutting lines from pits to base line (Am. Jack)
-4 lines making a total of 15 pits so far

-Prospected S. end of American Jack in detail

-S.J. 29-05-90- #1
-Pit # 15 - shearing 1-2 ft. wide - mineralized
-Took rust and rock
-Cube Py.

-S.J. 29-05-90- #2
-Same as # 1 but 6 ft. west
-Better py.- some Qtz.

-S.J. 29-05-90- #3
-Very rusty - vuggy - mineralized rock on strike with other shearings
-Dug up from overburden - assume shearing below
-Between pits # 14 and 15


5 + 53 S - Pi + #1 1 + 33 W
6 + 46 S - Pi + #2 0 + 92 W
8 + 32 S - Pi + #3 0 + 51 W
8 + 81 S - Pi + #4 0 + 48 W
9 + 28 S - Pi + #5 0 + 41 W
9 + 63 S - Pi + #6 0 + 53 W
11 + 92 S - Pi + #7 0 + 91 W
12 + 55 S - Pi + #8 1 + 06 W
13 + 28 S - Pi + #9 1 + 19 W
13 + 50 S - Pi + #10 0 + 51 W
13 + 68 S - Pi + #11 1 + 26 W
18 + 53 S - Pi + #12 2 + 26 W
19 + 20 S - Pi + #13 2 + 21 W
19 + 96 S - Pi + #14 2 + 25 W
21 + 60 S - Pi + #15 2 + 28 W

May 30/90

-Went McHugh Cr. area to check out a test pit marked on Satterly's map (map enclosed)

-Found two small trenches on different things - neither very interesting

-S.J. 30-05-90- #1
  -Small trench - rusty - cherty rock
  -Py. - brought in rust and rock

-S.J. 30-05-90- #2
  -Qtz. vein on hillside - poor sulphides
  -Py.

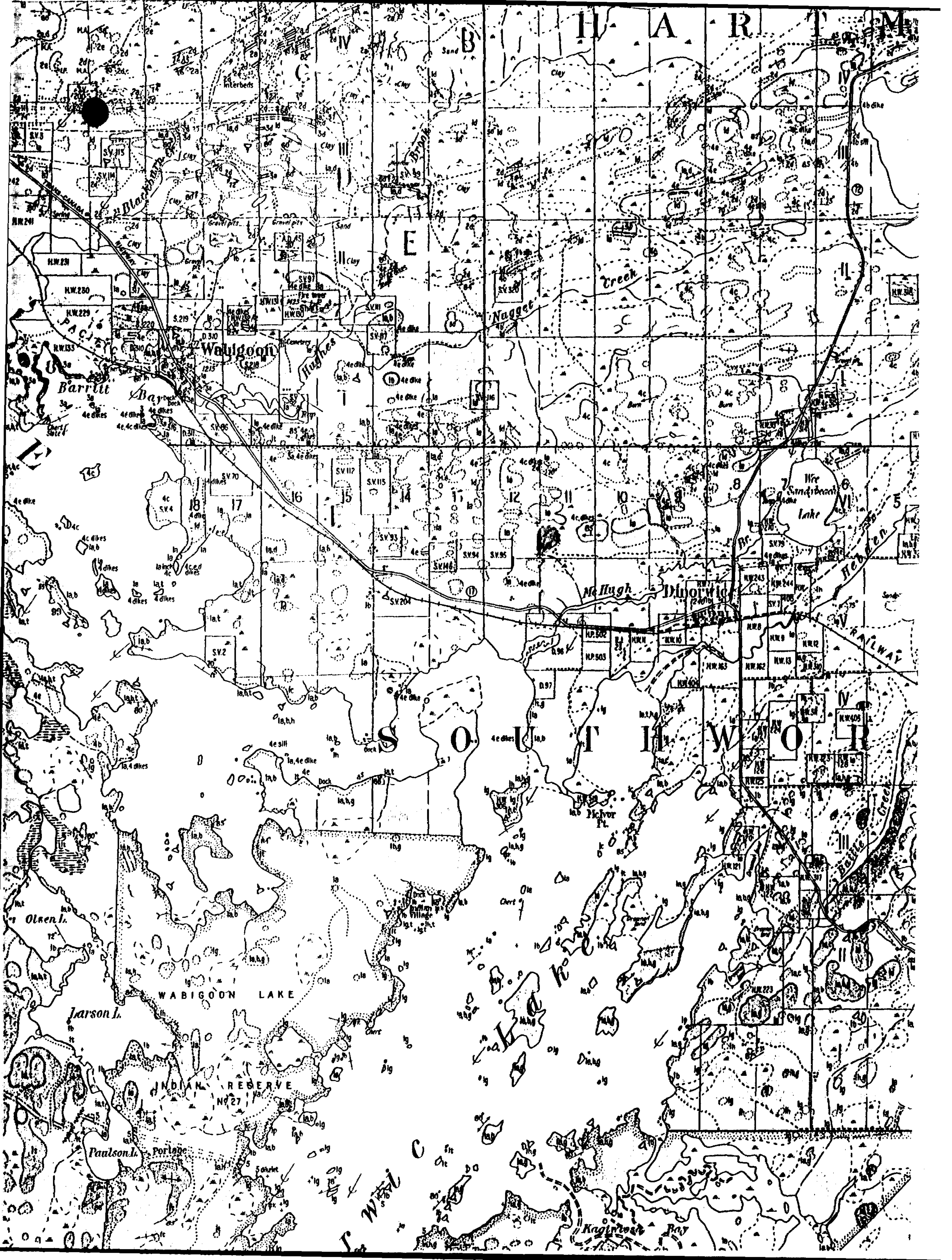
May 31/90

-Went to Long Lead
  -Dug a trench in the overburden to find the shear zone that gave the samples from S.J. 29-05-90- #3
  -It was located and Bill sampled

-Tied in other Qtz. systems to base line

-S.J. 31-05-90- #1
  -Qtz. in shear
  -Py - rusty
  -12 + 75 S.
  -1 + 40 E.

-S.J. 31-05-90- #2
  -Qtz. vein -rusty
  -4 + 05. S.
  -1 + 00E.



H A R T M
Wabigoon
Barritt Bay
Nugget Creek
Hughes
Dinorwic
Lake
RAILWAY
S O U T H W O R
WABIGOON LAKE
Olsen L.
Larson L.
INDIAN RESERVE
No 27
Paulson L.
Portage
McIvor Pt.
Bay

June 1/90

-Went to Long Lead
-Tied in some Qtz. systems to base line - took some samples
-Sampled various spots on (Am. Jack)

-S.J. 1-06-90- #1
-Qtz. in shear - Py.
-Gabbro alongside Po and Cpy.
-10 + 40 S.
-3 + 30 W.

-S.J. 1-06-90- #2
-Same as # 1 - 75 ft. N.

-S.J. 1-06-90- #3
-(Am. Jack)- shear rock - lots of cube Py.
-45 ft. S. of pit # 15

-S.J. 1-06-90- #4
-Shear rock - cube Py. - Calcite
-Pit # 15

-S.J. 1-06-90- #5 (Am. Jack)
-Rock intruding shear - Felsite?
-Some cube Py. at contact
-Pit # 14 A.

-S.J. 1-06-90- #6 (Am. Jack)
-rock from shear
-Py. - Calcite
-15 ft.S. of pit # 13

June 4/90

-Went to Long Lead

-Spent morning stipping and removing overburden from pit # 15 to clean up for blasting

-Prospected N.-N.W. in afternoon

-S.J. 4-06-90- #1
-Mineralized shearing
-About 400 ft. N.W. of Am. Jack
-Very similar to gold zone on Am. Jack
-Same grantie por. intruding
-Py. appeared different - not so cubic

-S.J. 4-06-90- #2
-Qtz. vien 12 inches w. in mafic shear
-Py. in Qtz. and shear particularly along edges
-150 ft. N.-N.W. of # 1

(Panned about 6 colors)

June 5/90

-Rainy day
-Worked on Equipment
-Got Cobra running better
-Went to Paul's and got 4 wheeler

-Applied for work permit

-Richard Cartwright of Goldfields phoned
-Had assays back from Cobb Bay - some were favourable. Wants to arrange another visit mid-June.

June 6/90

-Went to Long Lead
-Cut trail for 4 wheeler access
-Had flat. Came back to town at noon
-Repaired and back out by 2 p.m.
-Finished trail to Am. Jack
-Not bad- two -wheel drive - 4 wheeler goes thru the swamp with ease

June 7/90

-Went to Am.Jack (Long Lead)
-Pit # 15
-Drilled with Cobra and blasted trench in shear - about 10 ft. wide
-Mucked it all out and washed it down
-Plenty of Py. - 20-30 % in some spots
-Took about 5 bags of rust and samples

June 8/90

-Rained - no work

June 11/90

-Went to Kimber Lake to get some samples of the Uramium and Apatite to send to Fred Breaks
-Brought out 6 bags of Pegmatite with heavy Biotite and abundant Apatite
-Kick for Uranium
-Hoping for a rare earth content
-Sent two bags to Fred Breaks who said he would analyse them for us

June 12/90

-Went to Long Lead (Am. Jack)
-Charlie took our equipment out with 4 wheeler while pit # 15 was sampled again
-Then we blasted overburden in a few places along the shear

-S.J. 12-06-90- #1
-Pit # 15- rusty - heavy Py. - vuggy- should pan good

-S.J. 12-06-90- #2
-Pit # 15 - lots of cube Py - Qtz.- Calcite

-S.J. 12-06-90- #3
-Pit # 15- lots of red cube Py.

-S.J. 12-06-90- #4
-Pit # 15 - select grabs for panning
-

-S.J. 12-06-90- #5
-Rust from shear
-30 ft. S. of pit # 14
-Panned very good

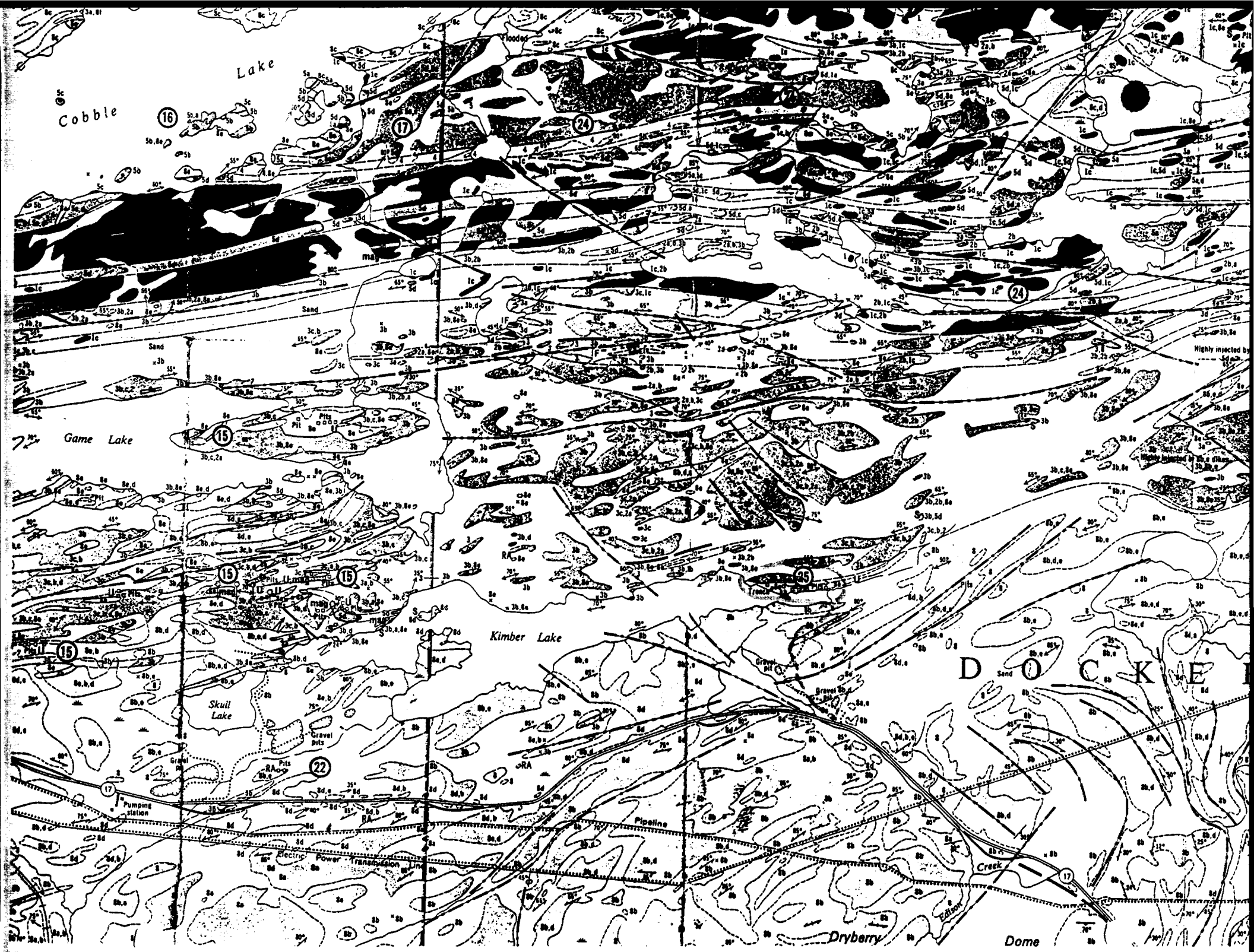
-S.J.12-06-90- #6
-Pit # 9 - wall and Qtz. - nice Py. in both
-Panned 8 colors in wall
-Qtz. pans good

June 13/90

-Worked on the samples brought out the day before
-Crushed - roasted - panned - analysed

June 14/90

-Went up the Moonlight Falls road and prospected it.
-Took one bag of samples from a graphite shear mineralized with Py.


Lake
Cobble
Flooded
Sand
Game Lake
Pits
Kimber Lake
Skull Lake
Gravel pits
Pumping station
Pipeline
Electric Power Transmission Line
Creek
Dryberry
Dome
Highly injected by
D O C K E

BREITHAUPT

DROPE

MCILRAITH

LOMOND

WEBB

LAKE

Taggart L.

Sunstrum Lake

Spine Lake

Brew Bay

Marshall Bay

Marshall's camp

Baulf spur

Pattullman's cabin

Sixmink Lake

Fourmile Lake

Mcllraith L.

Trapper's cabin

Wagon

Latchaw Lake

Olga L.

Centrefire Lake

Logging camp (abandoned)

Greeson L.

Lomond Lake

Larry L.

Redhat L.

Cloudler

Swanson L.

Marshall Lake

Gilbert Lake

Bluett Lake

Coates

Loveland Lake

Needle

Tot Lake

Tot Cr.

Kathlyn Cr.

Lindquist Bay

Mica Pt.

Aitfield

Rolling surface

Spruce and jackpine

Jackpine

Park

Level Sand Jackpine

Mixed bush

Scattered big trees

Hazel bushes

Beaver dam

Trapper's cabin

Logging camp (abandoned)

Steep rock

Small birch

Big trees

Local magnetic attraction

Horizontal joints

Varved clay

Boulders

Sand and boulders

Old brulé

Small jackpine

Spruce and poplar

Mixed open bush

Low Mixed bush

Level Spruce and poplar

Coarse textured pink porphyritic granite

Ground maple and hazel

Local magnetic attraction

Mt. Hornblende

P.25Chs.

P.16Chs.

Por. 20 Chs.

5.35° W.

5.15° W.

5.55° W.

RAILWAYS

HYDRO-ELECTRIC POWER COMMISSION

SYMBOLS

- Higher ground.
- K. Kettle.
- Open muskeg or swamp.
- Swamp with boundary.
- Railway.
- Power line.
- Trail, portage or wagon road.
- Geological boundary, defined.
- Geological boundary, assumed.
- Boundary of rock outcrop.
- Glacial striae.

June 15/90

-Drove down the Snake Bay road - prospecting
    -Tried to find sulphides marked on Satterly's map (50 E.)
    -Unable to locate although we were in the right area

June 18/90

-Went down G.L.P. road
    -Opposite side of Hi-way 502 from road showing

-200 ft. from end of road

-S.J. 18-06-90- #1
    -Rusty Breccia
    -Py

-S.J, 18-06-90- #2
    -Breccia
    -Py - Cpy -Po
    -At end of road

-S.J. 18-06-90- #3
    -Same location as # 1 - 200 ft. N.
    -Mineralized Mafic - Py

-S.J. 18-06-90- #4
    -Same as # 2 - 100 ft. N.

June 19/90

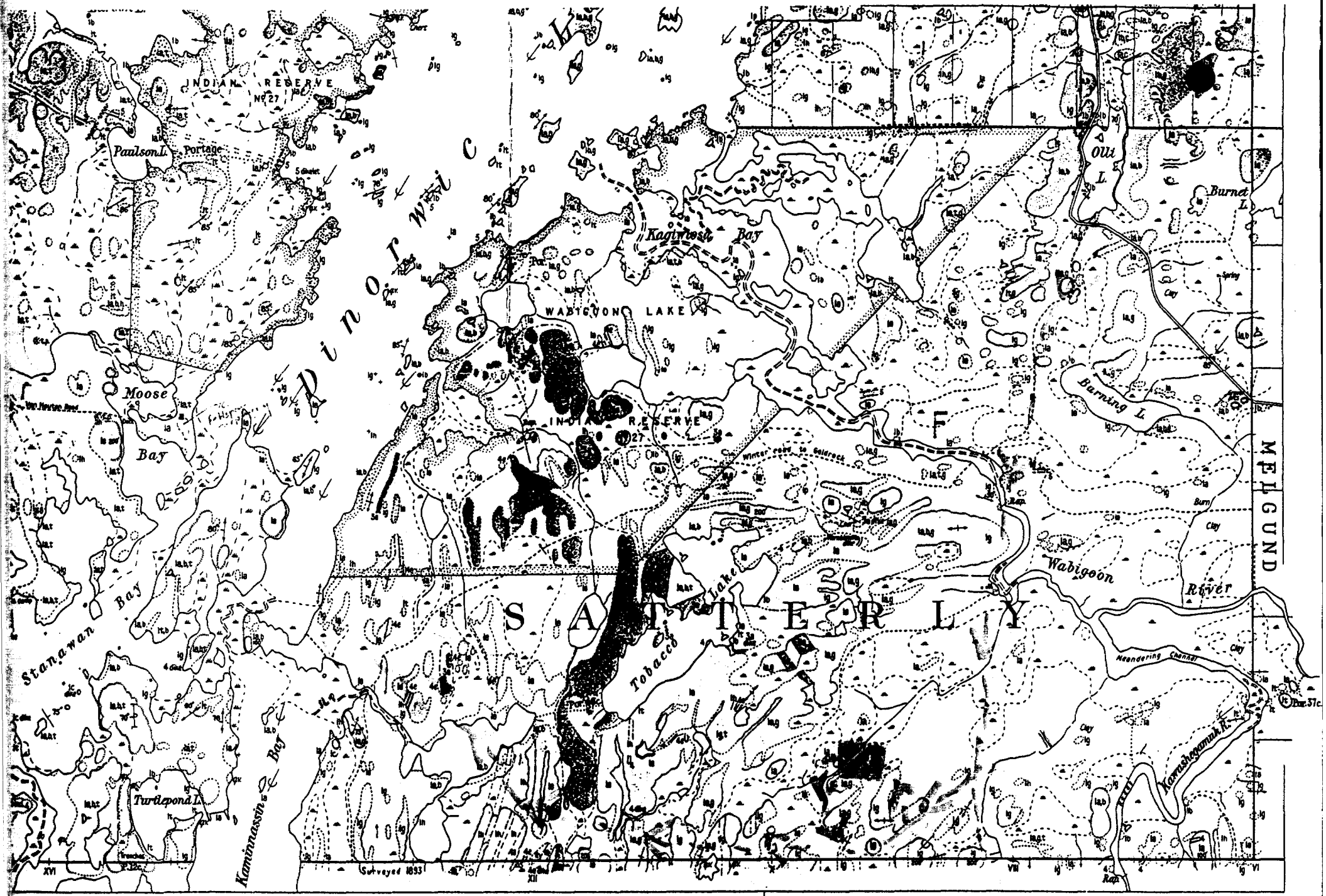
-Went up Basket Lake road
    -Found one zone of Py. - Po. - Cpy
took one bag

June 20/90

-Rain - no work

June 21/90

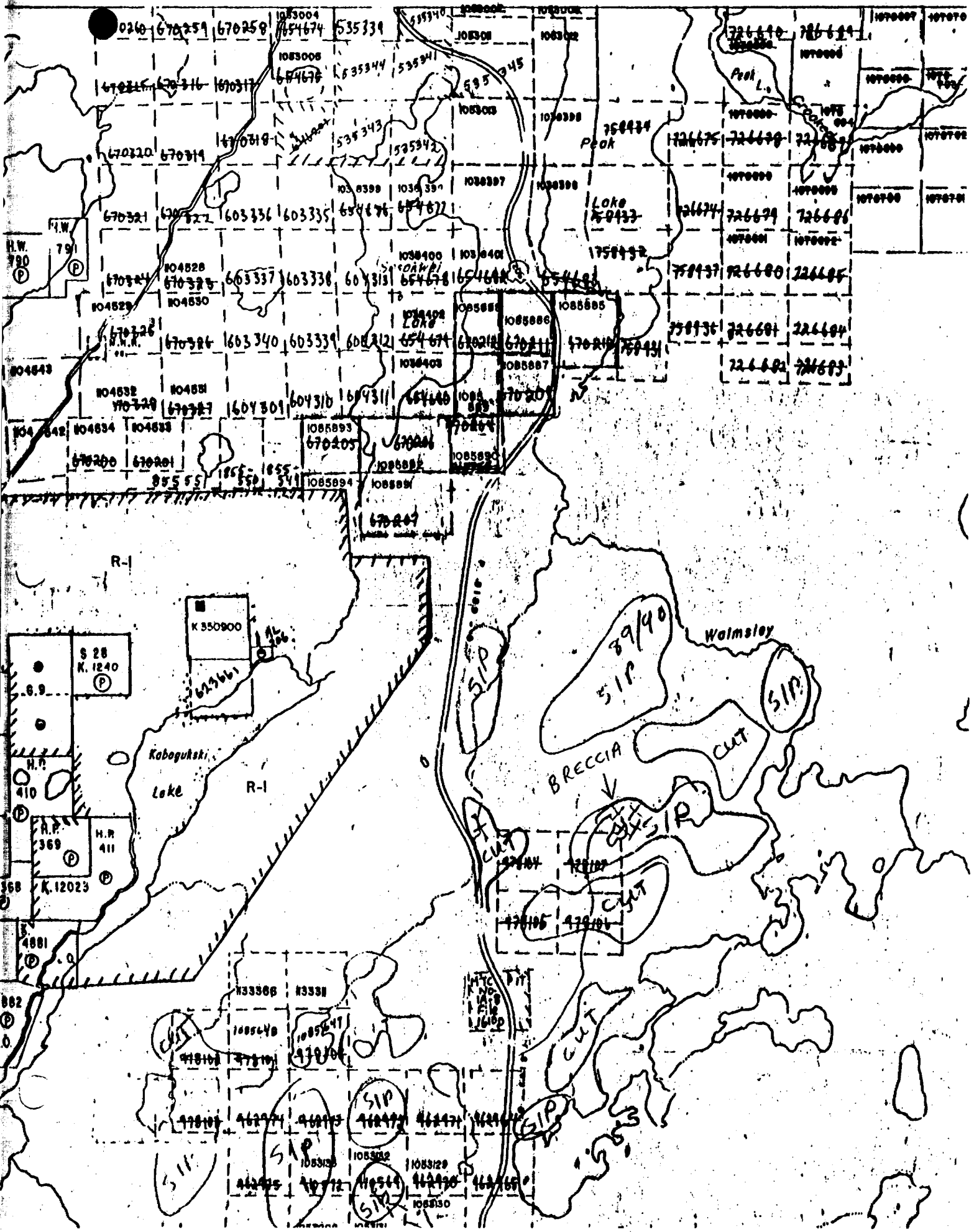
-Went down new road to Atikokan from Hi-way # 17
    -Took 5 bags of samples
    -Massive Po. and Py. and minor Cpy.



Adjoins Manitou-Stormy Lakes Area Map No. 42c

92° 30'

Turtlepond Lake - G-2595



June 22/90

-Went back to G.L.P. road off Hi-way 502 - opposite side of Hi-way from road showing. Because we got some nice Nickel from the Breccia that we brought in on June 18/90

-S.J. 22-06-90- #1
- -Uphill 100 ft. from end of road
- -Breccia - nice sulphides
- -Py. - Po. _ Cpy.

-S.J. 22-06-90- #2
- -Same area as # 1
- -Large cube Py. (1/2 inch) in Mafic

-S.J. 22-06-90- # 3
- -Same area as # 1
- -300 ft. N.E. on Skidder road
- -Breccia
- -Nice sulphides - more Py.

-S.J. 22-06-90- #4
- -Same area as # 3
- -Felsic zone
- -Carbonitized
- -Nice Py.
- -Particularly in Qtz. veinlets

June 25/90

-Long Lead
- -Pit # 15
- -Blasted in effort to get at Chlorite zone

-S.J. 25-06-90- #1
-Pit # 15
- -Chlorite - Calcite
- -Heavy Py.
- -E. side of pit

-S.J. 25-06-90- #2
- -Same as # 1
- -Not so much Calcite

-S.J. 25-06-90- #3
-Pit # 16
-Chlorite rich shear

June 26/90

-Staked 2 claims on Long Lead, then went to Sioux Lookout to get extensions on Pike and Cobb and Relief from Forfeiture.

June 27/90

-Went to Rattlesnake Lake to try again to find "Presidents Mine"
-Flagged line from old cabin at N.W. corner
-Went N.E. about 1 1/2 claims
-Then started flagging cross lines every 200 ft. E.W. for about 2000 ft. W.

June 28/90

-Went down camp 38 road to look at a couple of new roads that are just being built

-1 st. road to the right went a couple of miles in Granite

-Next road right only about 1/4 of 1 Km. was in Mafics

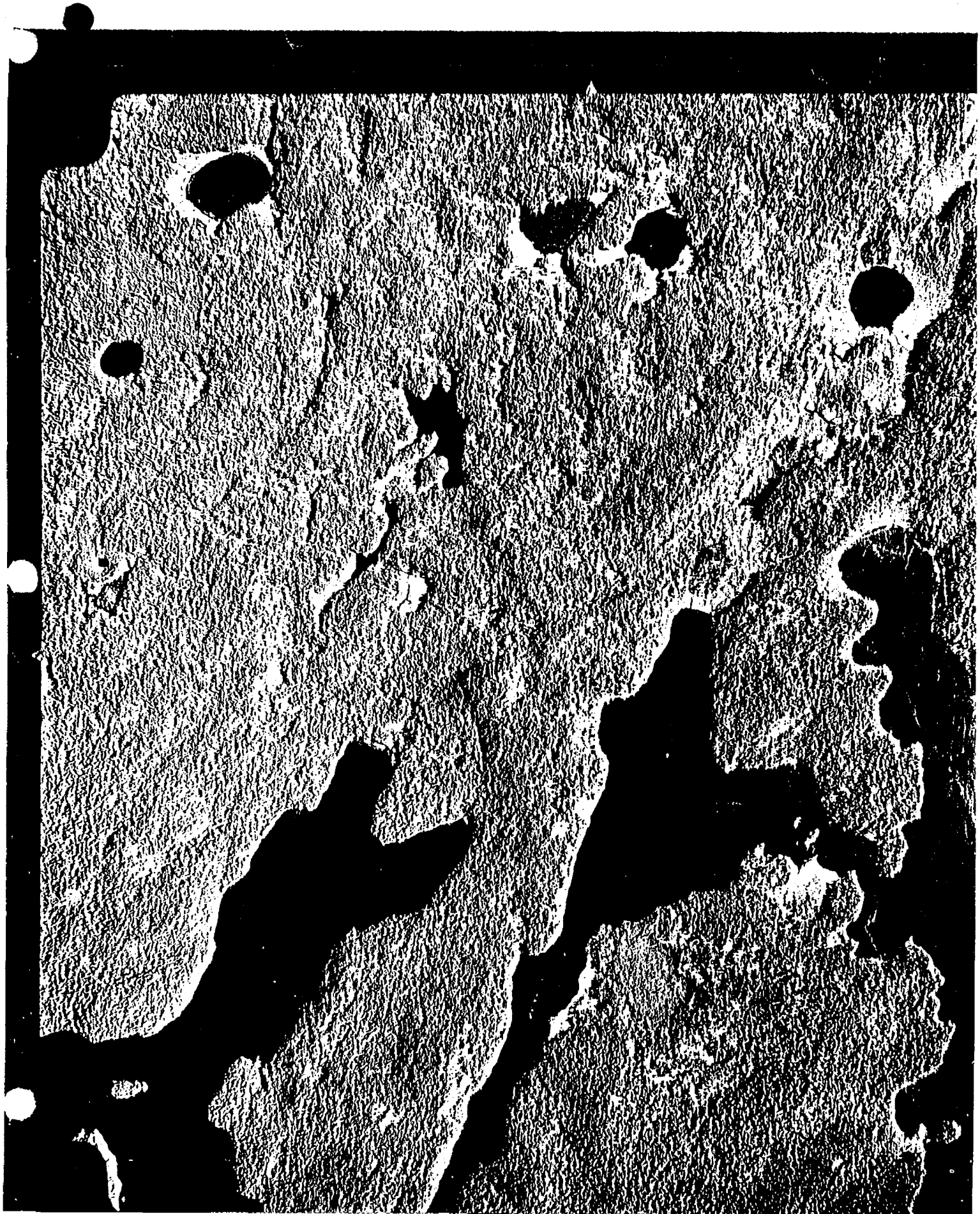
-Found Hornblendite and major sulphides 1 Km. S. on that road

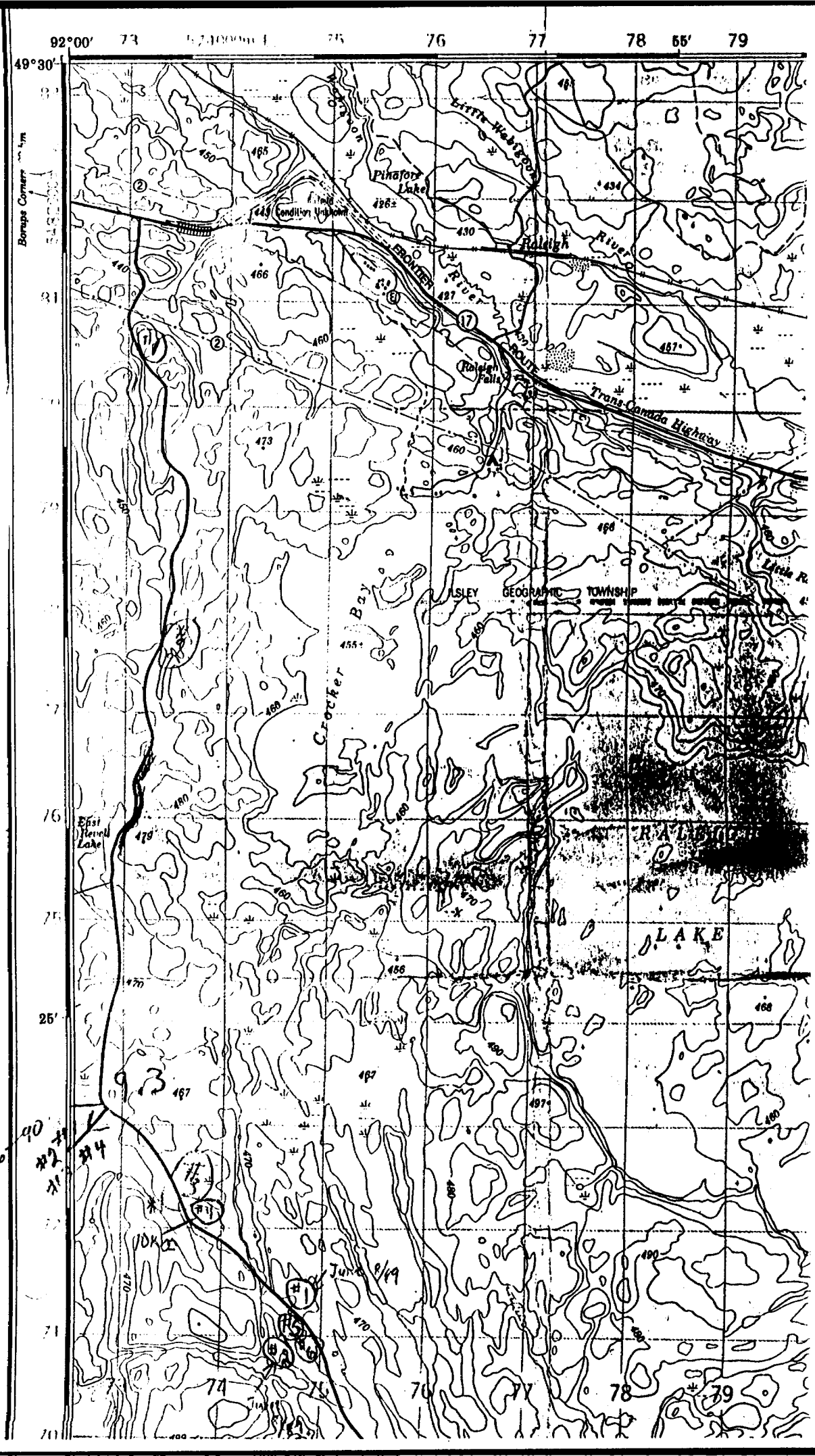
-S.J. 28-06-90- #1
-Hornblendite - abundant Py. -Po. -Cpy.
-Some Nickel

-S.J. 28-06-90- #2
-Similar to #1

-S.J. 28-06-90- #3
-Similar to #1

-S.J. 28-06-90- #4
-Similar to #1




92°00'
49°30'
Borups Corners
Pinafore Lake
Little Habitant
Raleigh River
Raleigh Falls
Trans-Canada Highway
FRONTIER
ROUTE
Crocker Bay
East Howell Lake
LAKE
93
SJ-28-06-90
#2
#3
#4
#1
June 8/79

June 29/90

-Went to the President occurrence and ran some more compass lines in an effort to find the old workings
    -So far - no success

July 3/90

-Went down camp 38 road and then right (south) on haul road 9 Km. from Hi-way

-S.J. 3-07-90- #1
    -Same as S.J.-28-06-90- # 1
    -Hornblendite - Po.-Cpy-some Nickel

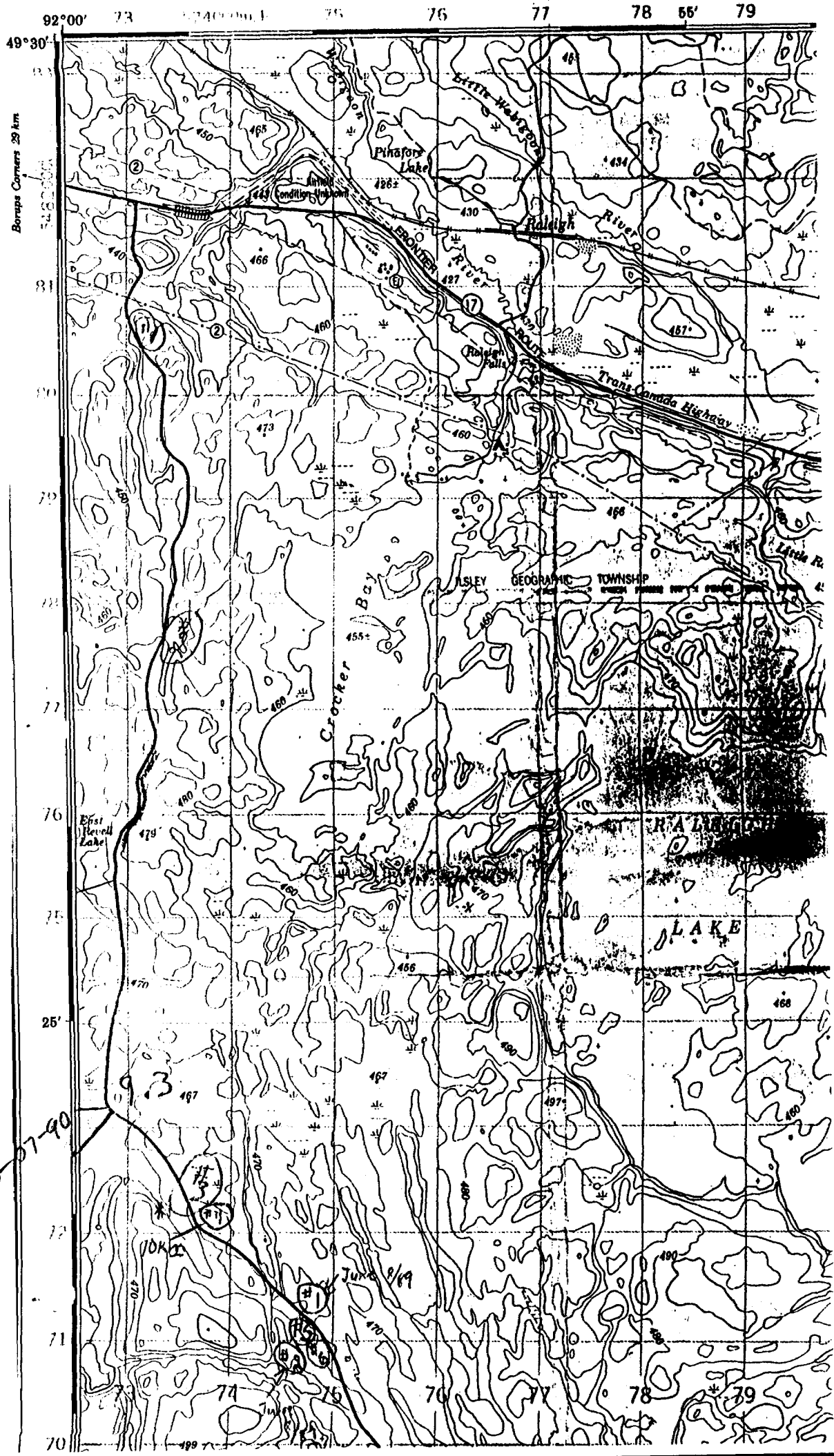
-S.J. 03-07-90- #2
    -same as # 1

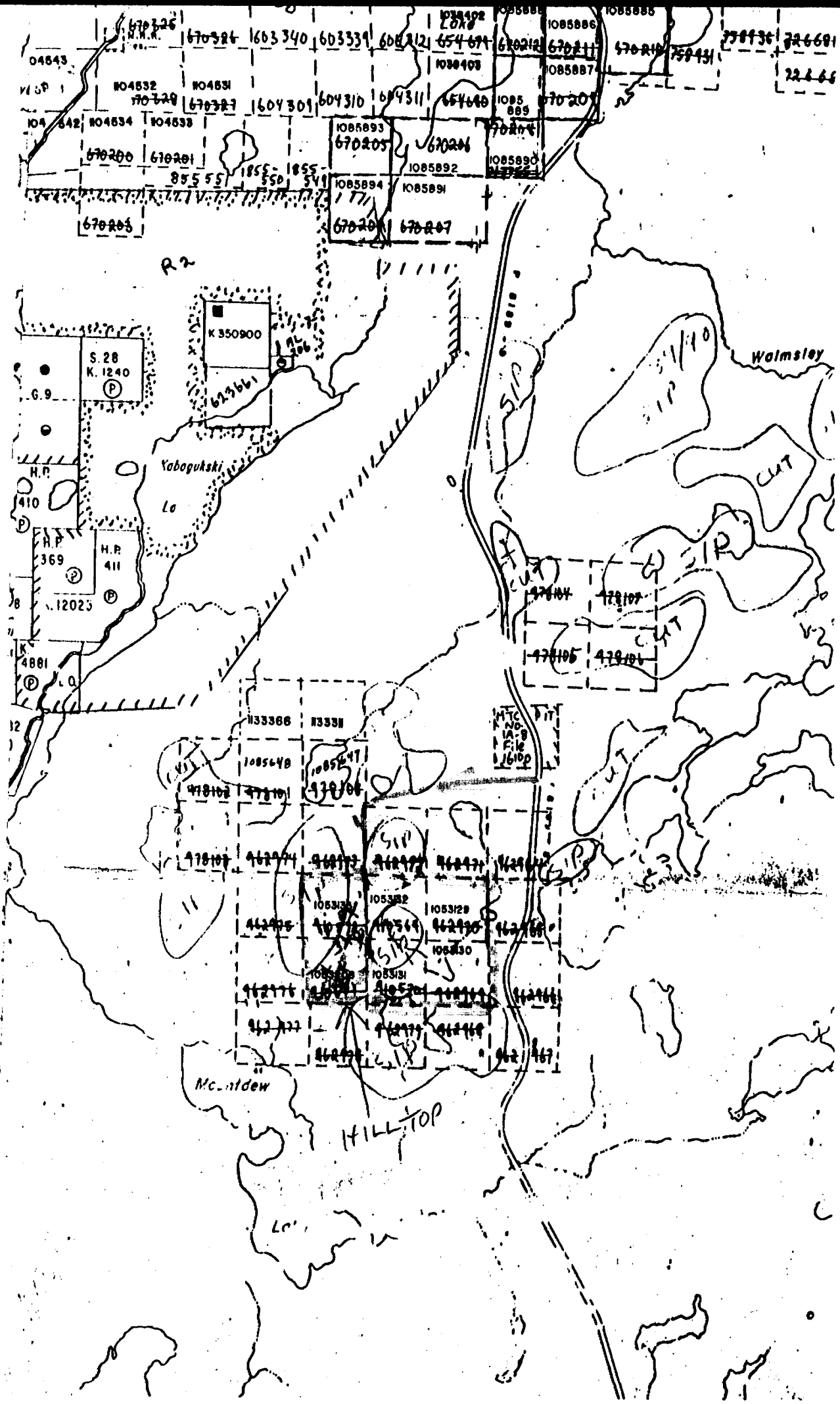
-S.J. 03-07-90- #3
    -Same as # 1

July 6/90

-Went to Hilltop showing, to re-evalute last years showings because of proximity to "President"

-S.J. 06-07-90- #1
    -Off main road 500 ft.
    -Po.-Py.-Cpy. in Mafics
    -Some massive Po.


92°00'
49°30'
Boreas Corners 29 km
Pinafore Lake
Airfield Condition Unknown
FRONTIER
Raleigh River
Raleigh Falls
Trans-Canada Highway
ISLEY GEOGRAPHIC TOWNSHIP
Crocker Bay
East Howell Lake
LAKE
93
SJ 03-07-90
10KM
June 9/89
#1
#2
#3
#4
#5
#6
#7


R2
K 350900
S. 28
K. 1240
G.9
H.P.
410
H.P.
369
H.P.
411
12025
4881
Yaboguksi
Lo
Walmsley
SIP
CUT
Mc...ndew
HILL TOP

-S.J. 06-07-90- #2
-Beside claim post 1053132 # 1
-Sulphides in Mafics
-Qtz. shot thru

-S.J. 06-07-90- #3
-Rust from around # 1

-S.J. 06-07-90- #4
-200 yards S. S.E. of post 1053132 # 1
-Felsic dike
-Heavy carbonitization
-Minor Py. and Cpy.

-S.J. 06-07-90- #5
-Carbonitized Mafics
-Nice Py.
-N.E. of # 4 - 300 yards

July 9/90

-S.J. -09-07-90- #1
-Camp 38 road
-1 st. left off main road
-New road on left 3 Km. from Hi-way
-Hornblende dikes
-Qtz. veins w/Py

-S.J. 09-07-90- #2
-Similar to # 1 - 100 yards farther down road

-S.J. 09-07-90- #3
-9 Km. from Hi-way
-1 Km. in
-Hornblende - epidote
-Nice Po. and Cpy.

July 10/90

-Went south of Larson Bay on Wabigoon Lake
-Found some minerlized Qtz. in Mafics. No gold was panned.


VANHORNE
AUBREY
Western Arm
Ledyard Id.
Anderson Id.
Grenville Id.
Copeland Id.
Devils Id.
WABIGO
Larson Bay
Pritchard L.
Twingrass Lakes
Guy L.
Bob L.
Bowen Pt.
Contact
Mile Lake
Mary Lake
Pitt Lake
Trap
LEGEND
Adjoins Eagle Lake Area Map No. 48d
48°
40

July 11/90

-Went to Bury Lake North of Sioux Lookout to sample the old trenches

-S.J. 11-07-90- #1 to #6 were from the old trenches
-Massive Po. -minor Py.-Cpy.-Mag.
-No Pent. showed up with Nickel test powder

July 12/90

- No work

July 13/90

-Went to Larson Bay
-S.W. of patented claim on Bruce Point
-Then into Mile Lake

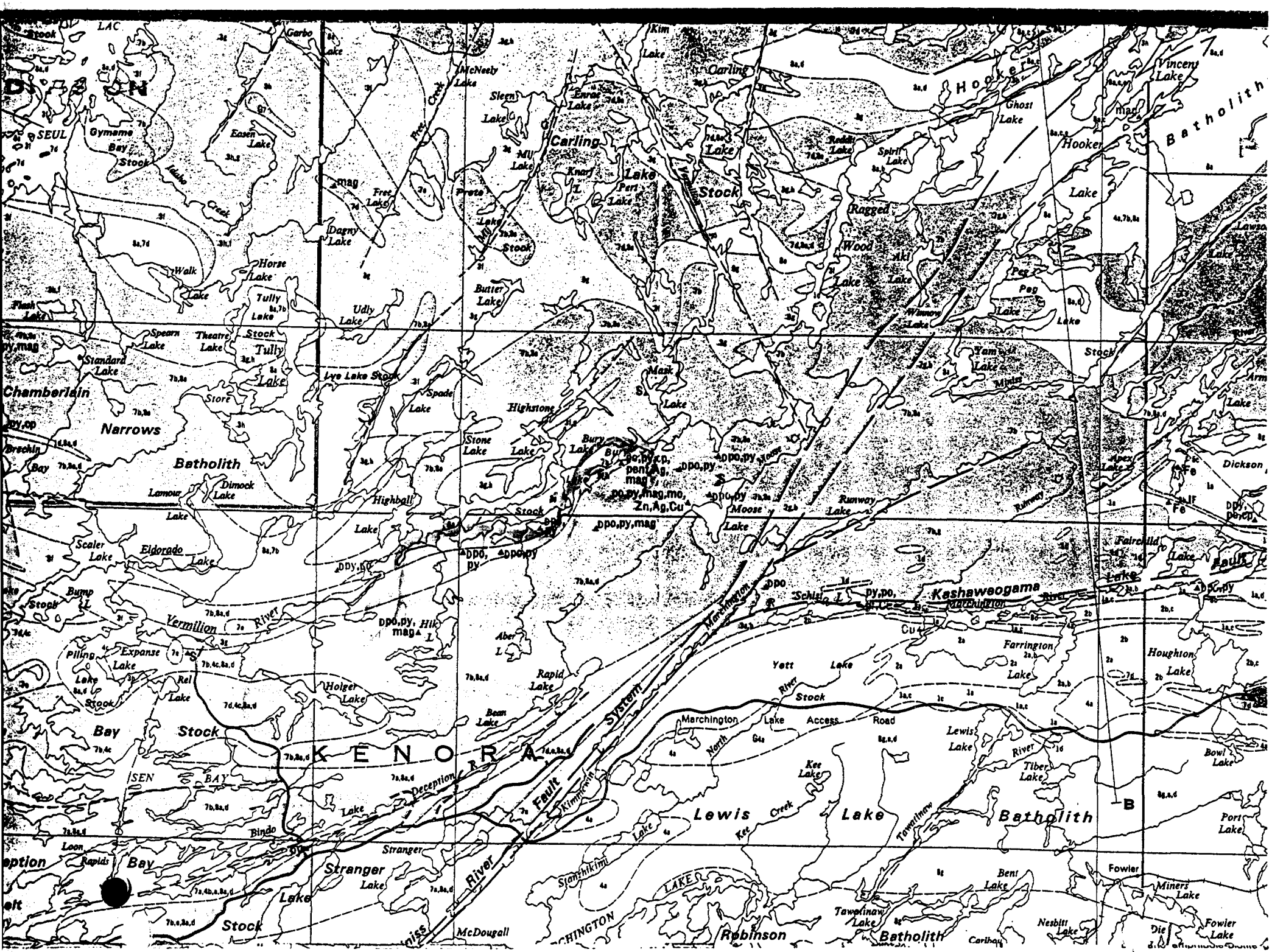
-S.J. 13-07-90- #1
-Qtz. carb. viens in Mafic shear
-Sparse sulphides

-S.J. 13-07-90 #2
-100 ft. S.W. of # 1
-Qtz. in shear

-S.J. 13-07-90- #3
-S.E. corner of Mile Lake
-Po.and Cpy - minor Py. in old trenches
-Gabbro - Diorite
-Strong reaction for Nickel

July 16/90

-Went to Kenora for maps and to look at some old reparts.


LAC
SEUL
Gymsome Bay
Stock
Easen Lake
Garbo Lake
McNeely Lake
Sleen Lake
Enroe Lake
Kim Lake
Carling
Hooker
Vincent Lake
Ghost Lake
Batholith
Carling Lake
Knarl L.
Pert Lake
Free Creek
Free Lake
Dagny Lake
Walk Lake
Horse Lake
Tully Lake
Udly Lake
Butler Lake
Flash Lake
Spearn Lake
Theatre Lake
Standard Lake
Lye Lake Stock
Spade Lake
Store
Chamberlain Narrows
Batholith
Lamour
Dimock Lake
Highstone
Stone Lake
Bury Lake
Mask Lake
Highball Lake
Scaler Lake
Eldorado Lake
Bump L.
Vermilion River
Piling Lake
Expanse Lake
Rel Lake
Holger Lake
Beam Lake
Rapid Lake
Aber L.
Hik L.
Bay Stock
KENORA
SEN BAY
Deception Lake
Bindo
Loon Rapids
Bay
Stranger Lake
Stranger River
Lake Stock
McDougall
Fault
Kimmerin
System
Marchington
Lake Access Road
Yett Lake
Stock
Kee Lake
Lewis Creek
Lewis Lake
Batholith
Tawatinaw
Robinson
Batholith
Kashaweogama
Marchington River
Farrington Lake
Houghton Lake
Lewis Lake
Tiber River
Tiber Lake
Bowl Lake
Port Lake
Fowler
Bent Lake
Miners Lake
Tawatinaw Lake
Nesbitt Lake
Fowler Lake
Fairchild Lake
Dickson
Apex Lake
Runway Lake
Moose Lake
Mines
Yam Lake
Winnow Lake
Peg Lake
Akl Lake
Wood
Ragged
Spirit Lake
Reddit Lake
Lake
Stock
Mag
Fe
Cu
Ni
Au
Pb
Zn
Ag
dpo,py
dpo,py,mag
dpo,py,mag,mo,Zn,Ag,Cu
py,po,Cu
Schist
A
B


VANHORNE
AUBREY
Western Arm
Ledyard Id.
Anderson Id.
Copeland Id.
Devils Id.
WABIGO
Grenville Id.
Larson Bay
Pritchard L.
Twingrass Lakes
Guy L.
Bob L.
Bowen Pt.
Schultz Bay
Contact
Mile Lake
Mary Lake
Pitt Lake
Trap
Adjoins Eagle Lake Area Map No. 48d
49°
40'

July 17/90

-Went down camp 38 road

-S.J. 17-07-90- #1
-9 Km. down main road - 1 Km. right (S.)
-1 claim W.
-Hornblende
-Coarse - Fibrous
-Cpy.-Po.
-Some reaction for Nickel

July 18/90

-No work - in Winnipeg.

July 23/90

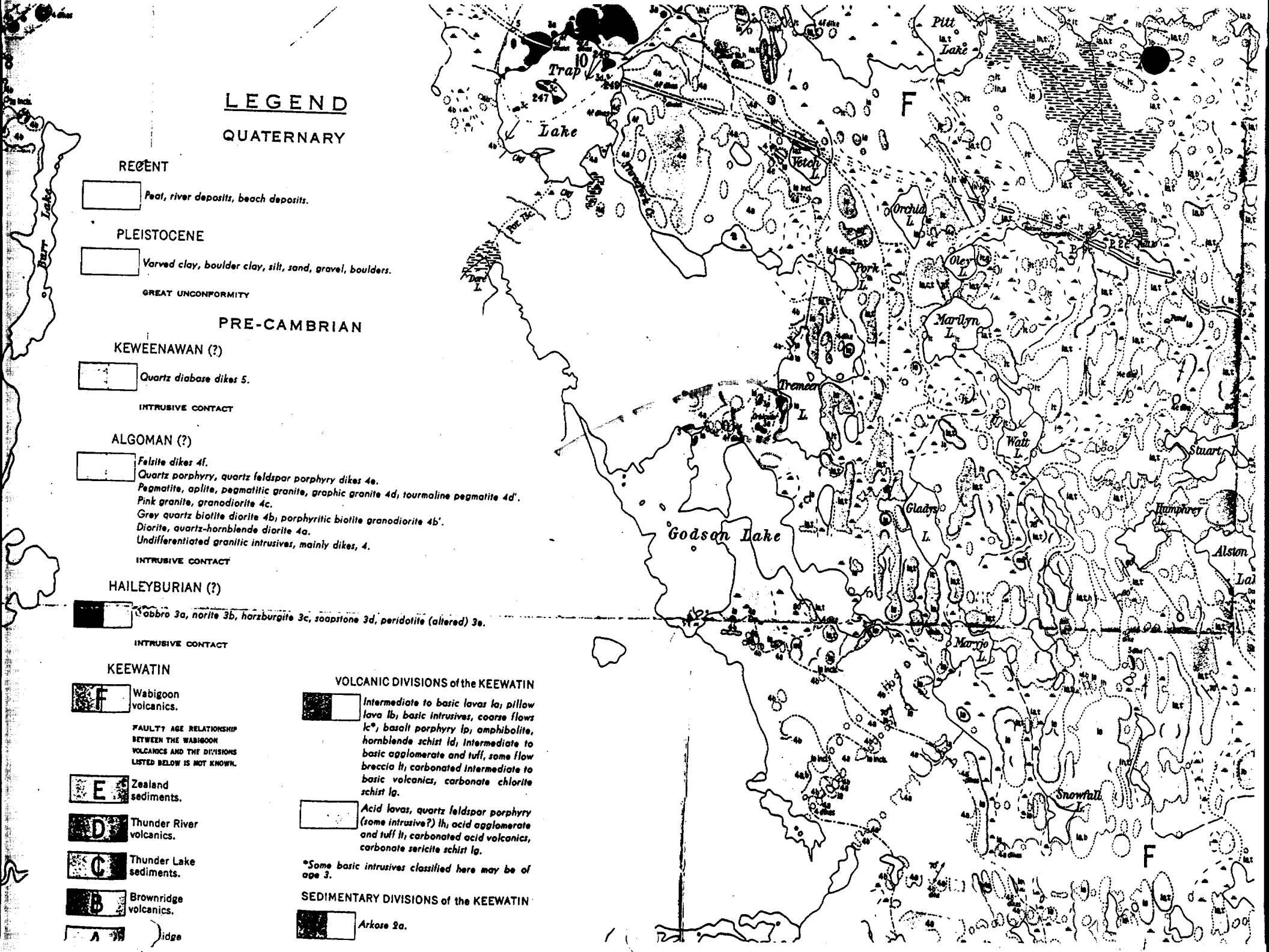
-Went to George Lake
-Off of camp 38 road 9 Km. from Hi-way
-Examined shoreline - no outcrop on E. side where Hornblendite should be
-W. side is all Granite

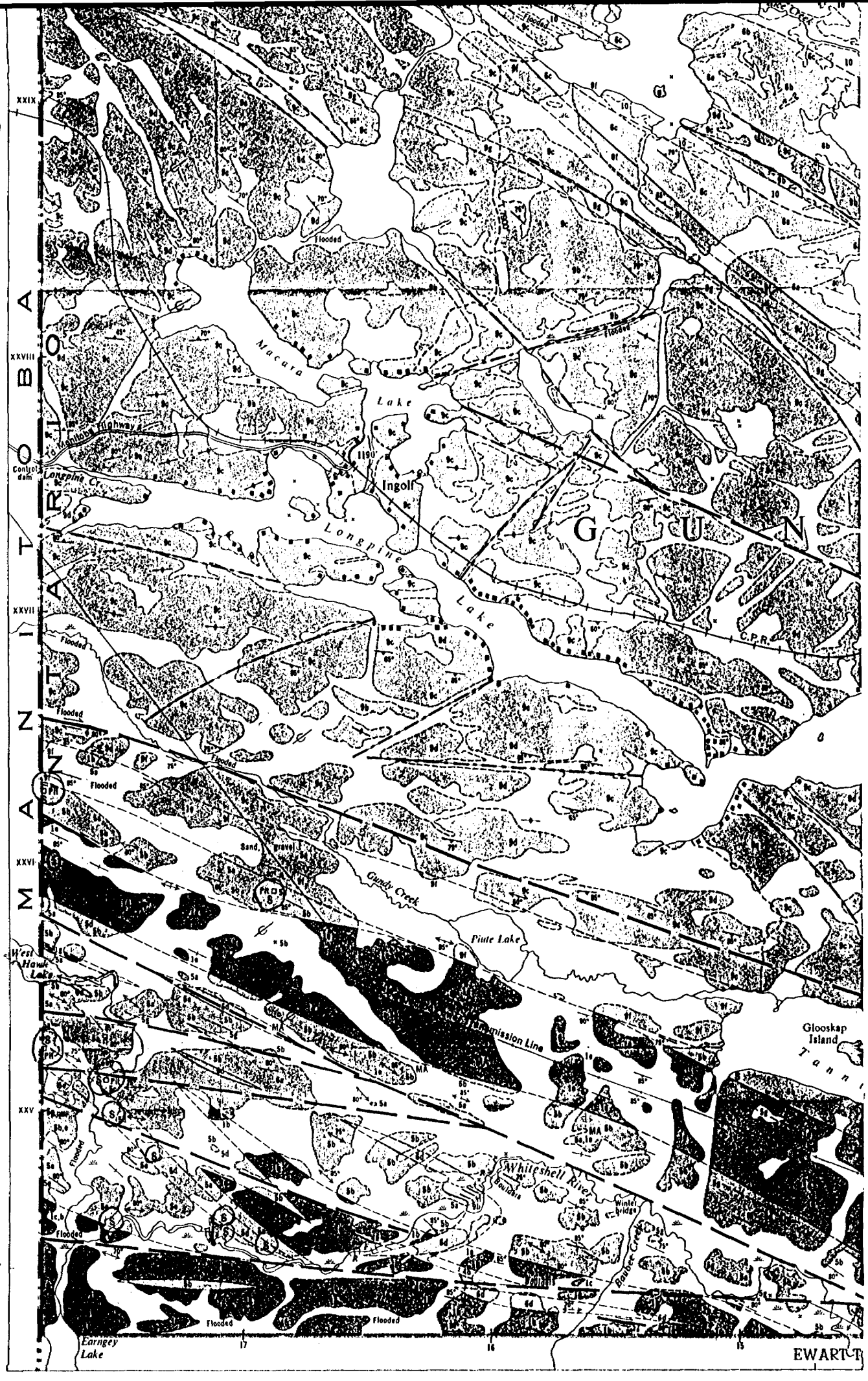
July 24/90

-Went to Godson Lake area. We were going to go to Au. showing marked on map 50 E. on S.E. end.- Bear chased us off so we went up to N. end and went to orbicular Gabbro by Tremeer Lake
-Took one sample - very little sulphides.

July 25/90

-Went to Westhawk Lake on Man. -Ont. border
-Large zones of Po. and Py.
-Took 3 bags on E. side of creek coming out of Indian Bay from zone of massive Py.- minor Po.
-Took 3 bags from W. side of creek
-Old pit in same or similar zone 800 ft. away. Po.-massive Py.


LEGEND
QUATERNARY
RECENT
Peat, river deposits, beach deposits.
PLEISTOCENE
Varved clay, boulder clay, silt, sand, gravel, boulders.
GREAT UNCONFORMITY
PRE-CAMBRIAN
KEWEENAWAN (?)
Quartz diabase dikes 5.
INTRUSIVE CONTACT
ALGOMAN (?)
Felsite dikes 4f.
Quartz porphyry, quartz feldspar porphyry dikes 4e.
Pegmatite, aplite, pegmatitic granite, graphic granite 4d; tourmaline pegmatite 4d'.
Pink granite, granodiorite 4c.
Grey quartz biotite diorite 4b; porphyritic biotite granodiorite 4b'.
Diorite, quartz-hornblende diorite 4a.
Undifferentiated granitic intrusives, mainly dikes, 4.
INTRUSIVE CONTACT
HAILEYBURIAN (?)
Gabbro 3a, norite 3b, harzburgite 3c, soapstone 3d, peridotite (altered) 3e.
INTRUSIVE CONTACT
KEEWATIN
F Wabigoon volcanics.
FAULT? AGE RELATIONSHIP BETWEEN THE WABIGOON VOLCANICS AND THE DIVISIONS LISTED BELOW IS NOT KNOWN.
E Zealand sediments.
D Thunder River volcanics.
C Thunder Lake sediments.
B Brownridge volcanics.
A ridge
VOLCANIC DIVISIONS of the KEEWATIN
Intermediate to basic lavas la; pillow lava lb; basic intrusives, coarse flows lc*; basalt porphyry lp; amphibolite, hornblende schist ld; intermediate to basic agglomerate and tuff, some flow breccia lt; carbonated intermediate to basic volcanics, carbonate chlorite schist lg.
Acid lavas, quartz feldspar porphyry (some intrusive?) lh; acid agglomerate and tuff lt; carbonated acid volcanics, carbonate sericite schist lg.
*Some basic intrusives classified here may be of age 3.
SEDIMENTARY DIVISIONS of the KEEWATIN
Arkose 2a.
Trap Lake
Pitt Lake
Lake
Vetch L.
Orchid L.
Oler L.
Pork L.
Marilyn L.
Tremear L.
Watt L.
Stuart L.
Gladys L.
Humphrey L.
Godson Lake
Alston Lake
Marjo L.
Snowfall L.
Barr Lake
Dart L.
F


MANITOBA
GUNN
Macara Lake
Trans-Canada Highway
Control dam
Longpine Cr.
Ingolf
Longpine Lake
C.P.R.
Flooded
Sand, gravel
Gundy Creek
Piute Lake
West Hawk Lake
Transmission Line
Glooskap Island
Whiteshell River
Boulder
Bouldee Creek
Winter bridge
Earngey Lake
XXIX
XXVIII
XXVII
XXVI
XXV
49°45'
17
16
15
EWART

July 26/90

-Came home from Westhawk
-Checked some old maps and reports in Kenora

July 27/90

-Worked on books

July 30/90

-Went to Mile and Trap Lakes
-Interesting ares in Mile already held
-Sampled areas in Trap, looking primarily for Gabbro with possibility of Cu.-Ni.-Pt.-Pd. potential

-S.J. 30-07-90- #1
-Gabbro - Po.-Cpy.-Ni.
-Zone 5 ft.-10 ft.wide heading N.
-N.W. shore

-S.J. 30-07-90- #2
-Gabbro- Diorite
-Po.-Cpy.-Py.
-1 claim down W. shore from # 1

-S.J. 30-07-90 #3
-N.E. shore
-Felsite dike
-Po.-Cpy.-Py.

Aug. 1/90

-Went to look at a so-called zinc showing on Hi-way 599, not far from Pike, owned by Eric Hadely - He wants us to examine it and if it is worthwhile, to attempt to option it for a percentage.
-Large Gossan zone
-Mainly massive Py.
-2 claims long -100 ft. wide

-S.J. 01-08-90- #1 to #4
- Found very little Cpy. - or zinc

Aug. 2/90

-Went to our Pike Lake, Pluton claims

-S.J. 02-08-90- #1
- -1 claim N. of claim # 1133342 #4 post
- -Qtz. stringers in Gabbro
- -Nice Cpy. in Qtz.
- -Minor Cpy. and Po. in Gabbro

-S.J. 02-08-90- #2
- -Same outcrop as # 1
- -Qtz. stringer 4 inches W. abundant Cpy.
- -Lots of mineralized stringers in area

-S.J. 02-08-90- #3
- -Last years pits on claim # 1133342
- -Took for assay re. Pt. and Cu.
- -Nice Cpy. and Po. in sample

-S.J. 02-08-90- #4
- -New shallow T. P.
- -N.E. corner of group of 9 claims
- -Took sample for assay
- -Nice Po. and Cpy.

-S.J. 02-08-90- #5
- -50 ft. S.W. of sample # 4
- -Old pit - group of 9 claims
- -Took sample for assay
- -Nice Po. and Cpy.

Aug 3/90

-Spent day cutting road to Cobb Bay showing

Aug. 6/90

-Went back to Trap Lake to follow up on samples taken July 30/90

-S.J. 06-08-90- #2
- -Same as 30-07-90- #2
- -100 ft. N. up hill
- -Some nice Py.

-S.J. 06-08-90- #1
-Same as S.J. 30-07-08-90 #1
100 ft. N. uphill

-S.J. 06-08-90- #3
-Same as # 1 but 500 ft. N.-N.E.

-S.J. 06-08-90- #4
-Same as # 3
-small Qtz. vein
-Nice Cpy.

Aug. 13/90

-Prospected across Hi-way 502 from the Long Lead

-Found Gabbro outcrops
-On second outcrop found series of old trenches

-All in coarse Gabbro nice Po. and Cpy.
-All tested positive for Ni.

-Took 4 samples S.J. 13-08-90- # 1 to # 4

Aug. 14/90

-Prospected area around yesterday's trenches in Long Lead
-Nothing of significance found.

Aug. 17/90

-Went back to Gabbro Aug. 13/90 which will be called the Nabish Gabbro
-Took samples from trenches again with a view to having them assayed for Cu. - Ni.- Pt.

Aug. 27 to 30/90

-Bill and Sherridon
-Went to Pickle Lake and then flew to Wunnimun Lake in an effort to locate an old base metal showing found by Stan Johnson and Bill Read in early 1950's
-Unable to locate

-Stan and Charlie
-Went to hilltop showing to blast area close to old trenches that were blasted last year
-Took 2 samples from trenches
-Took rust and talus debris for panning
-Panned quite nicely - coarse gold

Aug. 31/90

-Checked out rock cuts on Hi-way 502 across from Long Lead

-S.J. 31-08-90- #1
-Gabbro
-Py.-Po.-Cpy.

-S.J. 31-08-90- #2
-Same as # 1

Sept. 5/90

-Prospected vicinity of Nabish Nickel showing
-Nothing of interest observed

Sept. 7/90

-Went to hilltop and did some more blasting
-Found some spectacular visible gold - one piece was 1/2 inch across and 1/8 inch thick
-Blasting was done on edge of cliff - gossan - Qtz. vein and individual Qtz. crystals (very beautifully formed)
-Gossan 30 - 40 ft. wide bordered by Porphyry an one side and Meta- Andesite on the other
-Heavy sulphides and gold throughout

Sept. 10/90

-Went back to hilltop - blasted more in the same place
-Again found some nice V.G.

Sept. 11/90

-Hilltop - more blasting in same location

Sept. 12/90

-Worked on rock from hilltop - roasting and panning
    -Very coarse gold

Sept. 26/90

-Prospected Nabish Lake road, because of Gabbro found earlier

-S.J. 26-09-90 #1
    -Just across Nabish Cr. and N. off road
    -Gabbro - nice Cpy.-minor Po.

-S.J. 26-09-90- #2
-500 ft. N.W. of # 1 on next outcrop
    -Por. - large blobs of Py.

Sept. 27/90

-Prospected between Contact and Larson Bays of Wabigoon Lake because the old Indian (American Jack) had his campsite located there

-S.J. 27-09-90- #1
-Shear zone
    -Felsite dike
    -Py
    -Zone 20 - 30 ft w. - 200 ft. l. open both ends

-S.J. 27-09-90- #2
    -Same as # 1
    -E. along zone 150 ft.

-S.L. 27-09-90- #3
    -Just inside N. claim of Contact Bay group of claims optioned to Leonard Rosenburg
    -Along shore
    -Qtz. vein 3 ft. w.- sparce Cpy.

Oct. 1/90

-Got equipment ready for trip to Cobb Bay
    -Serviced 4-wheeler and Cobra

Oct. 2/90

-On way to Cobb Bay
  -Had truck trouble 30 mi. N. of Ignace.
  -Towed to Ignace
  -Had timing kit installed

Oct 3/90

-Worked on Cobb Bay showings
  -Blasted trenches in Mafics in an effort to pick up the mineralized contact
  -Eastern most trench picked it up - altered - greyish - mineralized contact with Por.
  -Centre trench did not

Oct. 7 to 12/90

-Worked on Cobb Bay showings
  -Particularly blasting the Por. ledge on shore across Bay from trench # 1
  -Found very nicely mineralized (Py.) Por. with Qtz. - Tourmaline stringers throughout
  -Gold seems to be concentrated in and around Tourmaline although we did find V.G. in the Por. itself
  -Brought Glen Sciem from the Sioux Lookout office to see property

-S.J. 08-10=90= #1
  -Por. on shore
  -Tourmaline - Qtz. stringers
  -S.W. end of exposure
  -Pans nice gold

-S.J. 08-10-90- #2
  -Same as # 1
  -40 ft. N.E.

-S.J. 08-10-90- #3
  -Same as # 1
  -60 ft. N.E.

Oct. 15/90

-Cobb Bay
    -Started bringing out equipment
    -Found heavily carbonitized Mafics in contact with Por. beside trail
    -Panned a grab sample and found minor gold

Oct. 18/90

-Went back to Cobb Bay and stripped and blasted where we had found contact on trail - significant because it is between trench # 1 and # 2

" COBBS BAY " REPORT

Individuals Who Applied for Assistance for This Project:

Sherridon Johnson
Bill Read
Stan Johnson

Location and Access:

Attached

Geology:

Showings occur in two rock types.
Zone #1 occurs at the contact of a fairly large body of quartz porphyry with mafic meta-volcanics. Iron carbonate rust is very pronounced in some sections of the contact and sulphides and gold bearing quartz veins in these sections are prevalant. At the contact, quartz veins of various sizes ramify in all directions and the mafic meta-volcanics are altered, bleached and rusty. In some areas of the showings fuchite mica is evident.

Zone #2 is 1/2 mile south and the showings are in a quartz porphyry dike, mineralization is pyrite, sparce chalco-pyrite, quartz tourmaline stockworks and visible gold in the porphyry.

Work Done:

Prospecting of area. Cut road in to property that will handle a 4-wheel ATV or a 4-wheel drive truck. Trenched and sampled both zones, samples were analysed and panned.

Results and Recommendations:

Trenching extended Zone #1 by 100' and indicates that the contact with the porphyry may be favourable at any given point.

Zone #2 is very interesting because it is the porphyry itself and as well as VG in the porphyry, the quartz tourmaline veins pan very well. Much more should be done on this property, concentrating on finding more occurences of quartz tourmaline in the porphyrys.

Daily Log:

Attached

Expenditures:

Attached

COBBS BAY

Area - Penassi Lake

Mining Division - Patricia

Claim map no. -G2526

N.T.S. map - 52G-NW

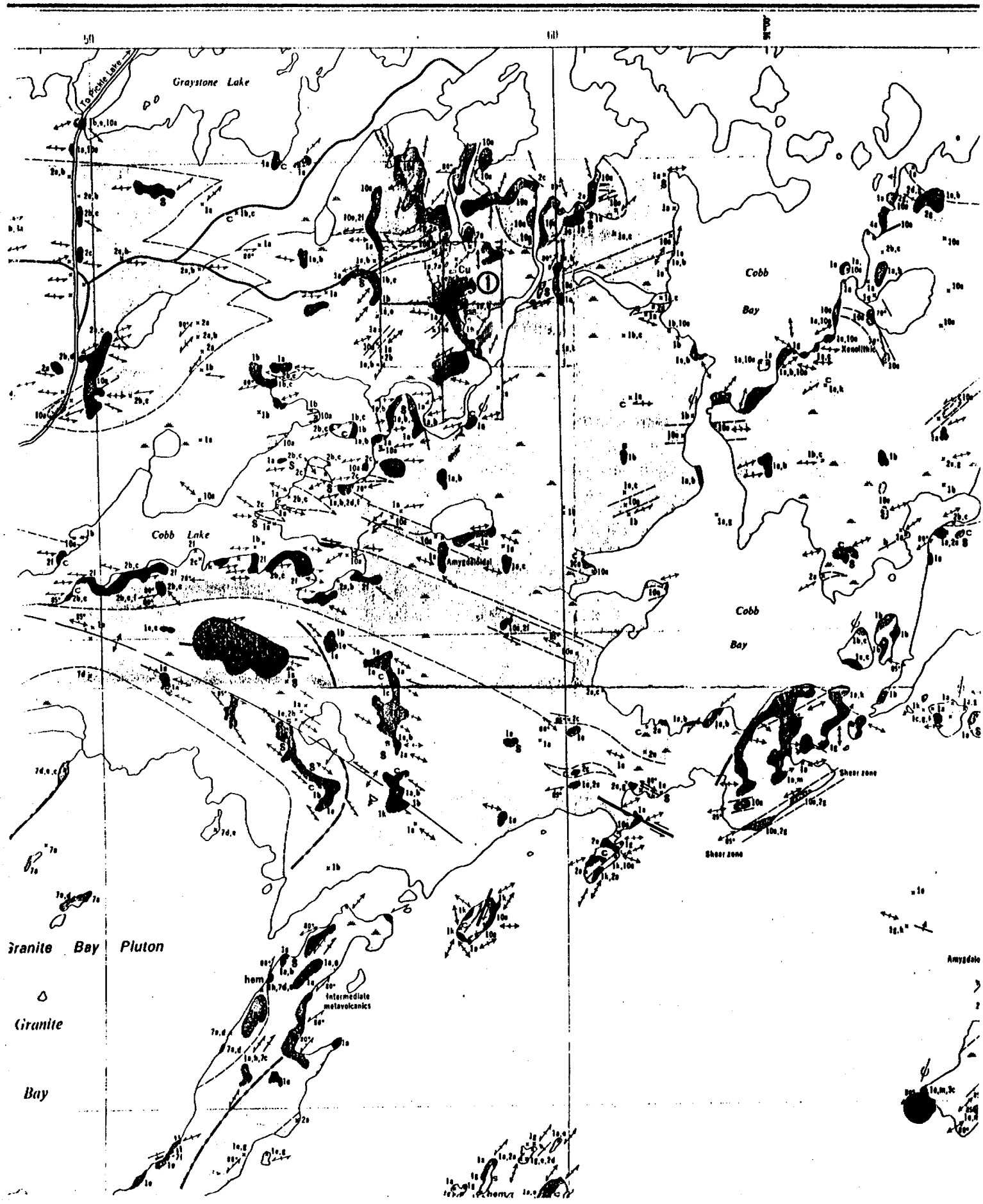
Location map - Enclosed

Claim map - Enclosed

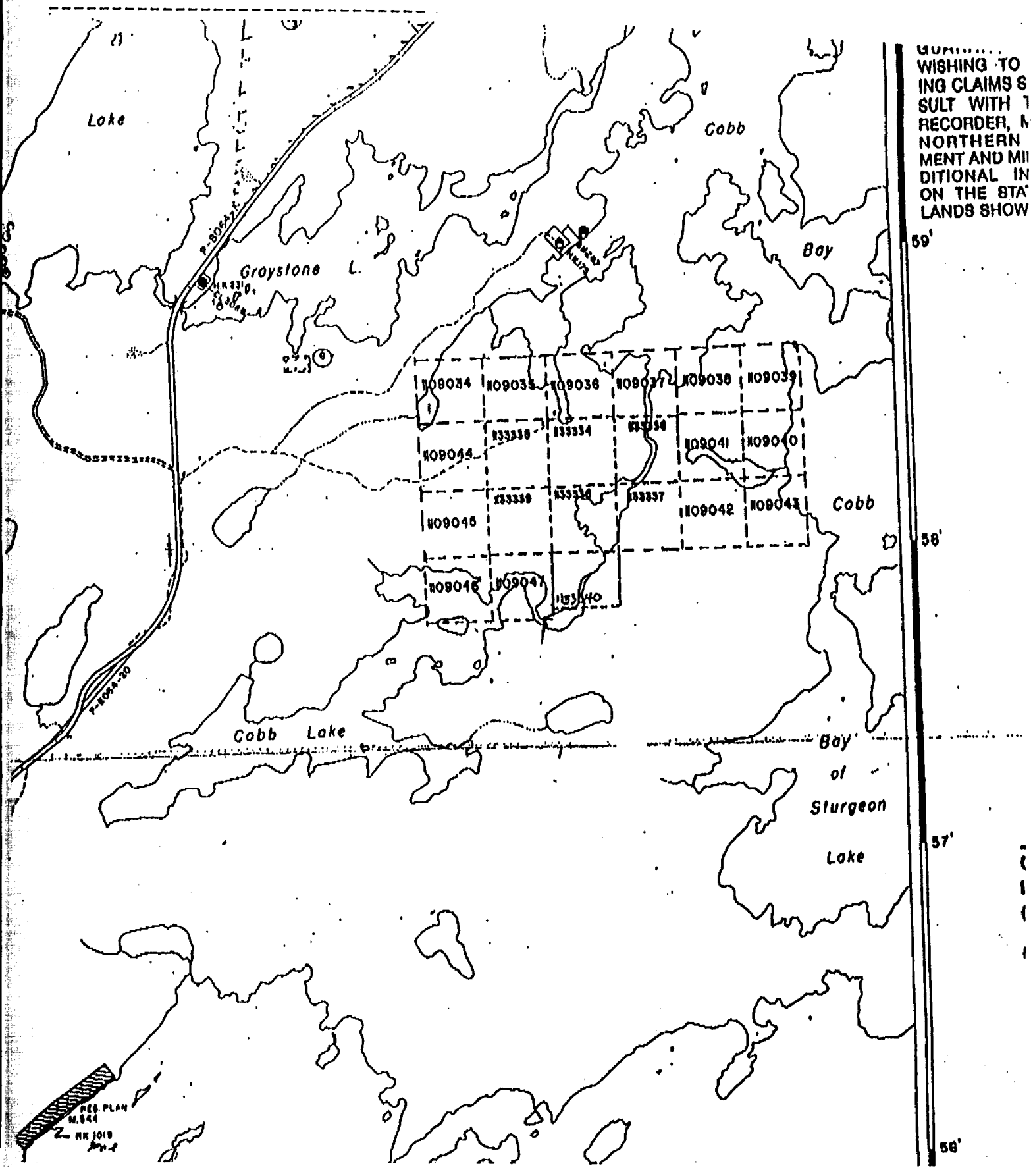
Prospecting Targets - AU -CU

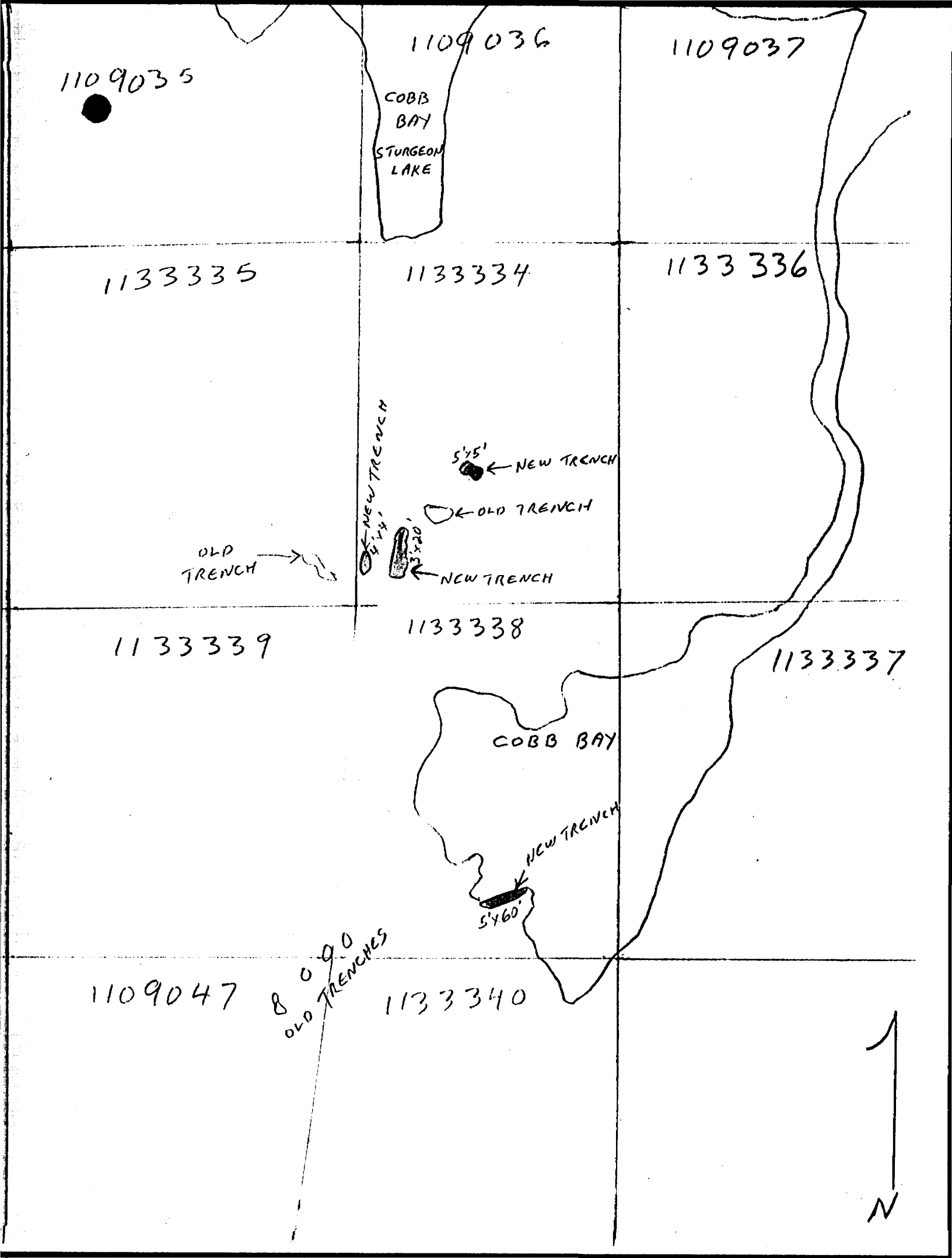
Deposit Type - Quartz vein system
Geology - Volcanics and sheared porphyry

ONTARIO
DIVISION OF MINES
HONOURABLE LEO BERNIER, *Minister of Natural Resources*
W. Q. MACNEE, *Deputy Minister of Natural Resources*
C. A. Jewett, *Executive Director, Division of Mines* E. G. Pye, *Director, Geological Branch*



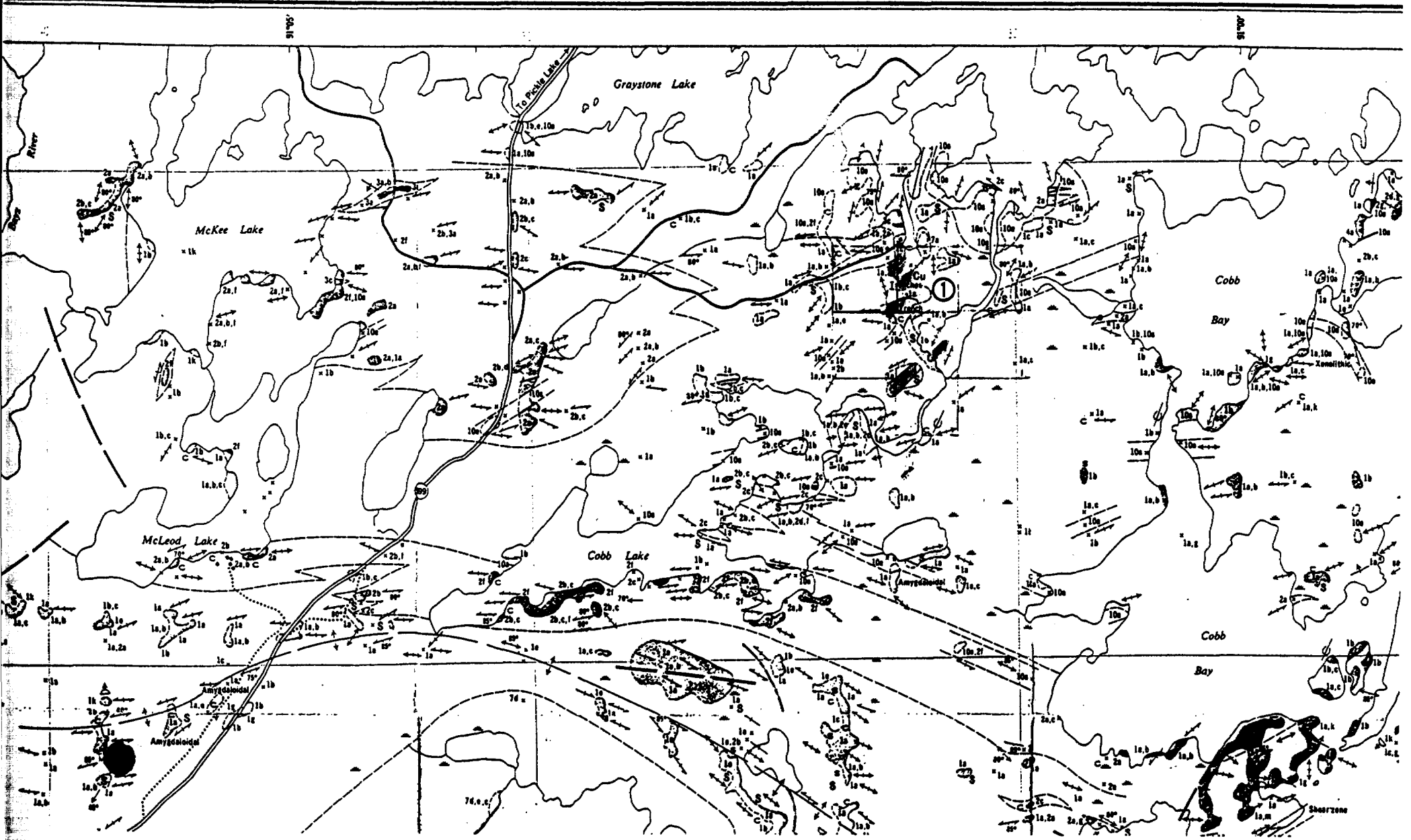
PENASSI LAKE
G 2526

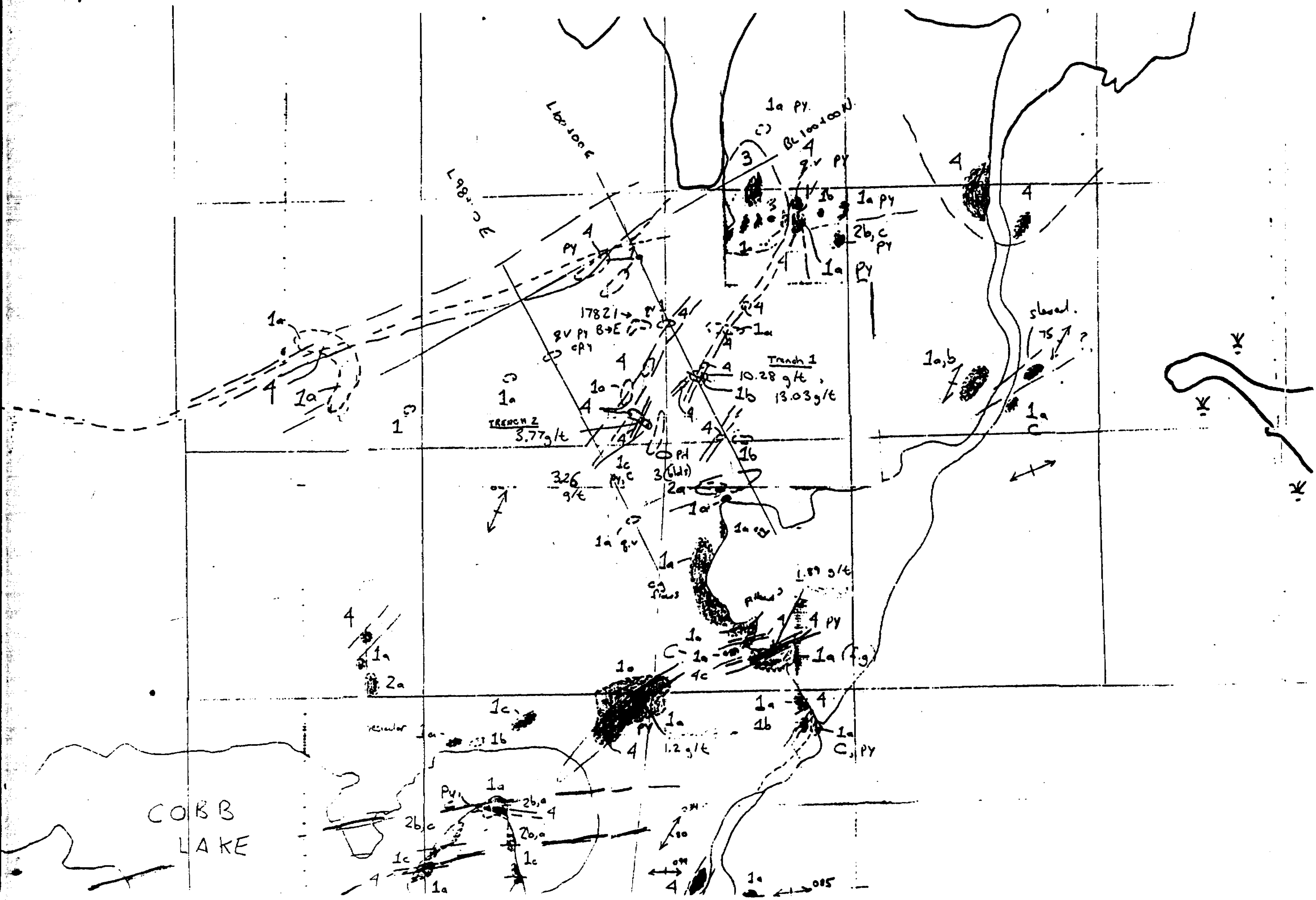


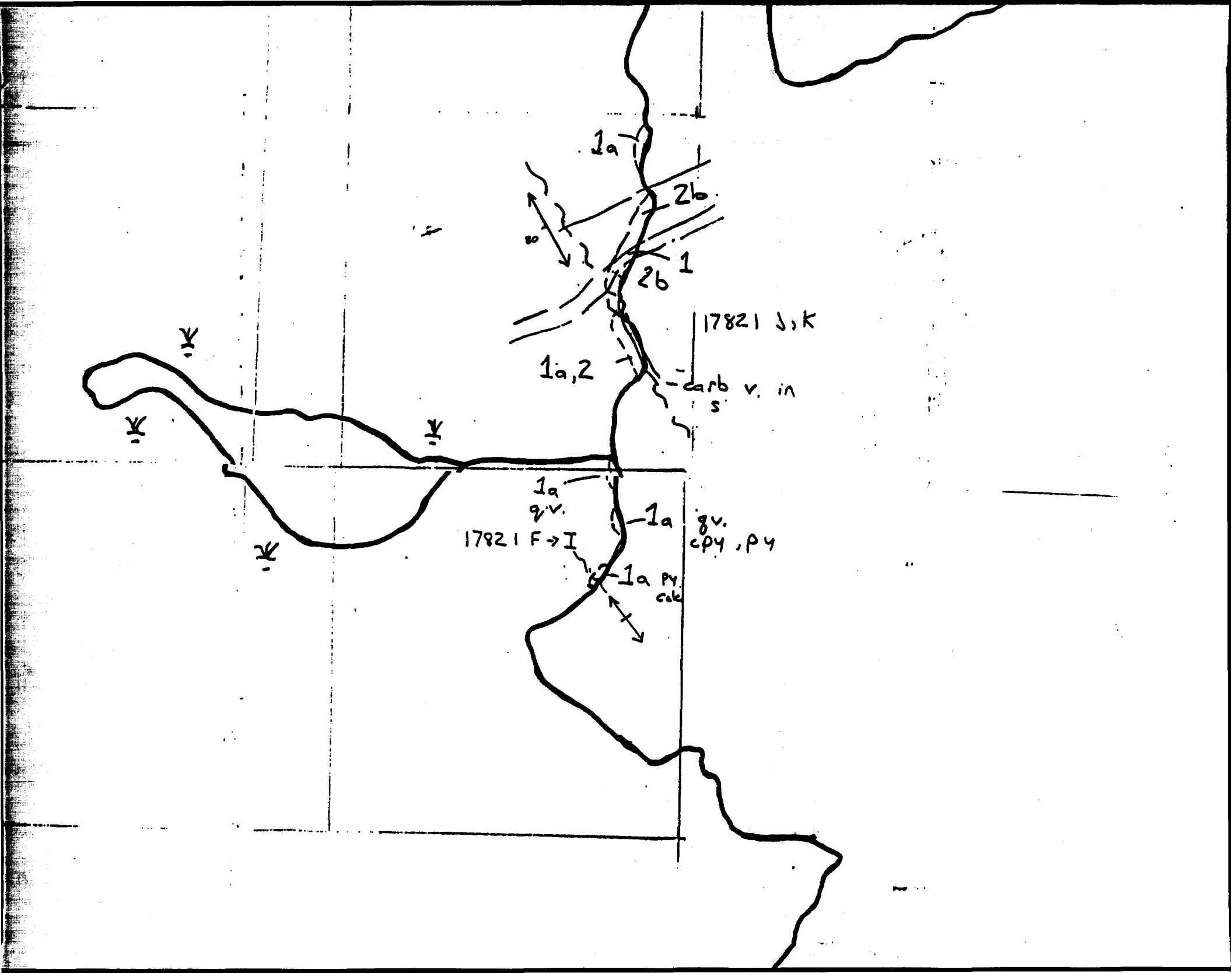

1109036
1109037
1109035
COBB BAY
STURGEON LAKE
1133335
1133334
1133336
5'x5'
NEW TRENCH
OLD TRENCH
NEW TRENCH
4'x4'
3'x20'
OLD TRENCH
NEW TRENCH
1133339
1133338
1133337
COBB BAY
NEW TRENCH
5'x60'
1109047
8 OLD TRENCHES
1133340
N

ONTARIO
DIVISION OF MINES

HONOURABLE LEO BERNIER, *Minister of Natural Resources*
W. Q. MACNEE, *Deputy Minister of Natural Resources*
G. A. Jewett, Executive Director, Division of Mines E. G. Pye, Director, Geological Branch




COBB LAKE
Trench 1
10.28 g/t
13.03 g/t
TRENCH 2
3.77 g/t
1.89 g/t
1.2 g/t


1a
2b
∞
1
2b
17821 J, K
1a, 2
carb v. in
s
1a
g.v.
17821 F → I
1a g.v.
cpy, py
1a py
calc

3. BIOTITE GRANITE

2. FELSIC VOLCANICS

a. crystal tuffs

b. lapilli tuffs

c. coarse pyroclastics.

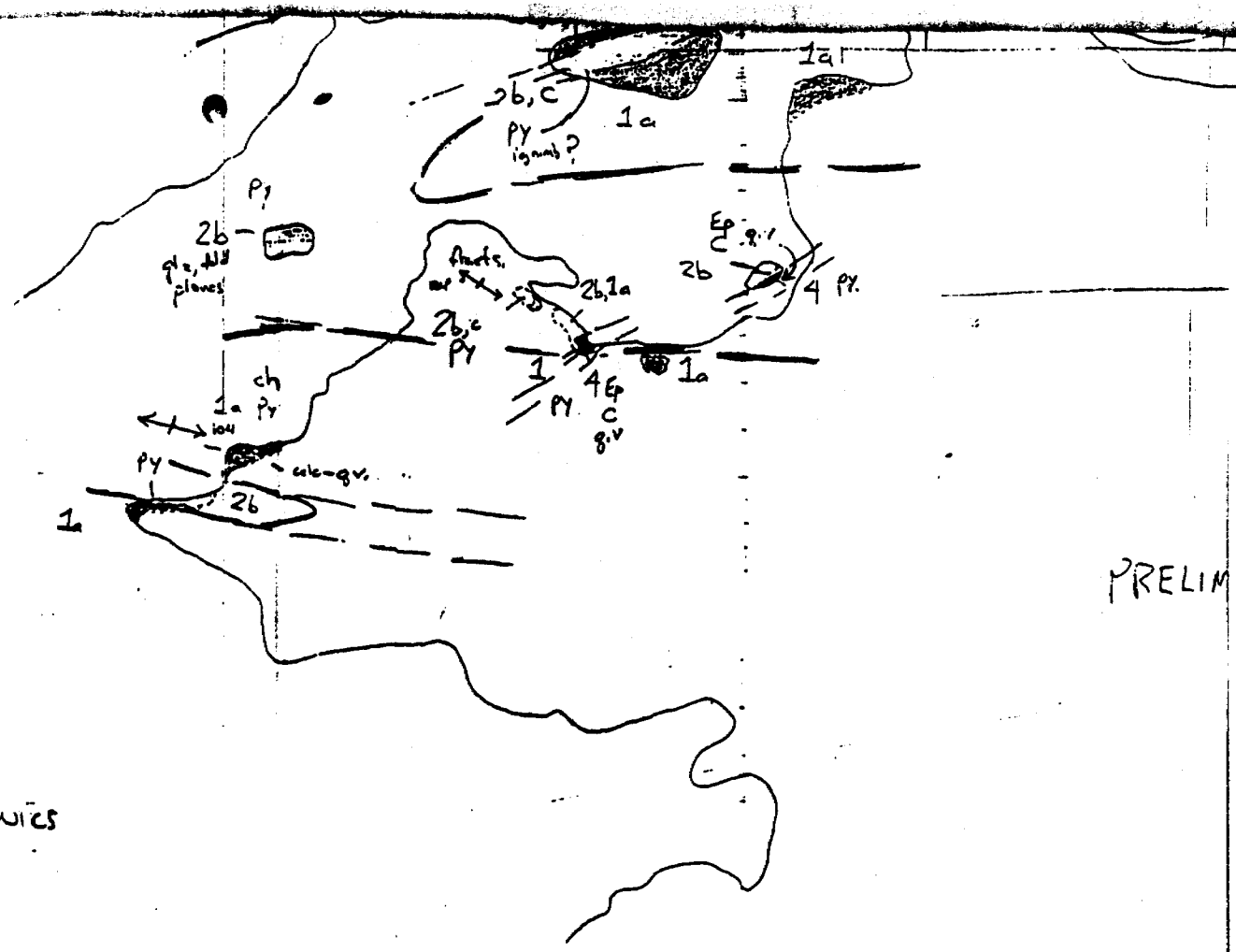
1 ~~MAFIC~~ INTERMEDIATE VOLCANICS

a. massive flows

b. settled (chl px planes)

c. crystal, lapilli tuffs

d. agglomerates



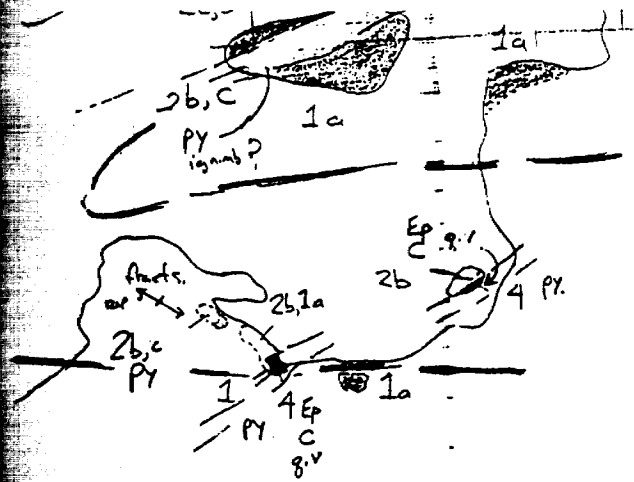
C - carbonatized
Ep - Epidotized
Si - Silicified
Ch - Chloritized
Py - pyrite

cpy - chalcopyrite

shearing

foliation

PRELIM



COBB LAKE

1313.

PRELIMINARY GEOLOGICAL MAP

1:5000.

A. Smith

August. 1989

carbonatized

Epidotized

Silicified

Chloritized

pyrite

cpy - chalcopyrite

shearing

foliation

Pb-1000 ppm
Pb-500 ppm
Pb-250 ppm
Pb-100 ppm
Pb-50 ppm
1783-K
1783-I
1783-M
23 m
L-780E
10400N
10300N
10200N
10100N
10000N
9900N
9800N
9700N
9600N
9500N

- Cobb bay

N

BL 10000N

17822-B

17822-A

10000N

9900N

9800N

9700N

9600N

9500N

17823-K

17823-I

17823-H

23 ppb

Datum 59,000

Trench

x-over

COBB LAKE

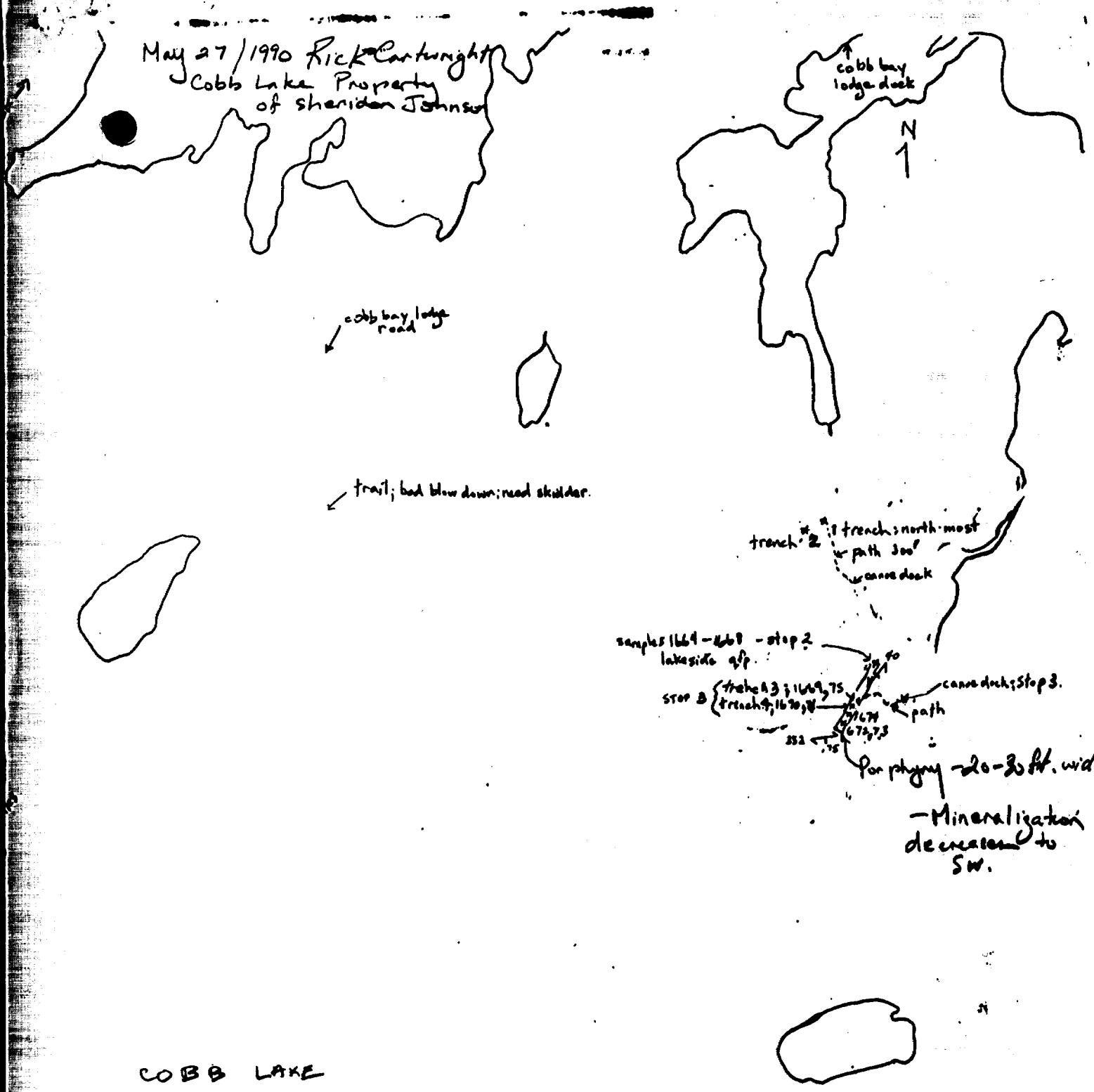
VLF: In phase:—·—
Out of phase:·····
Instrument: EM-16
October 1985

SURVEY BY: E.V.L
M.A

E9800E

E10000E

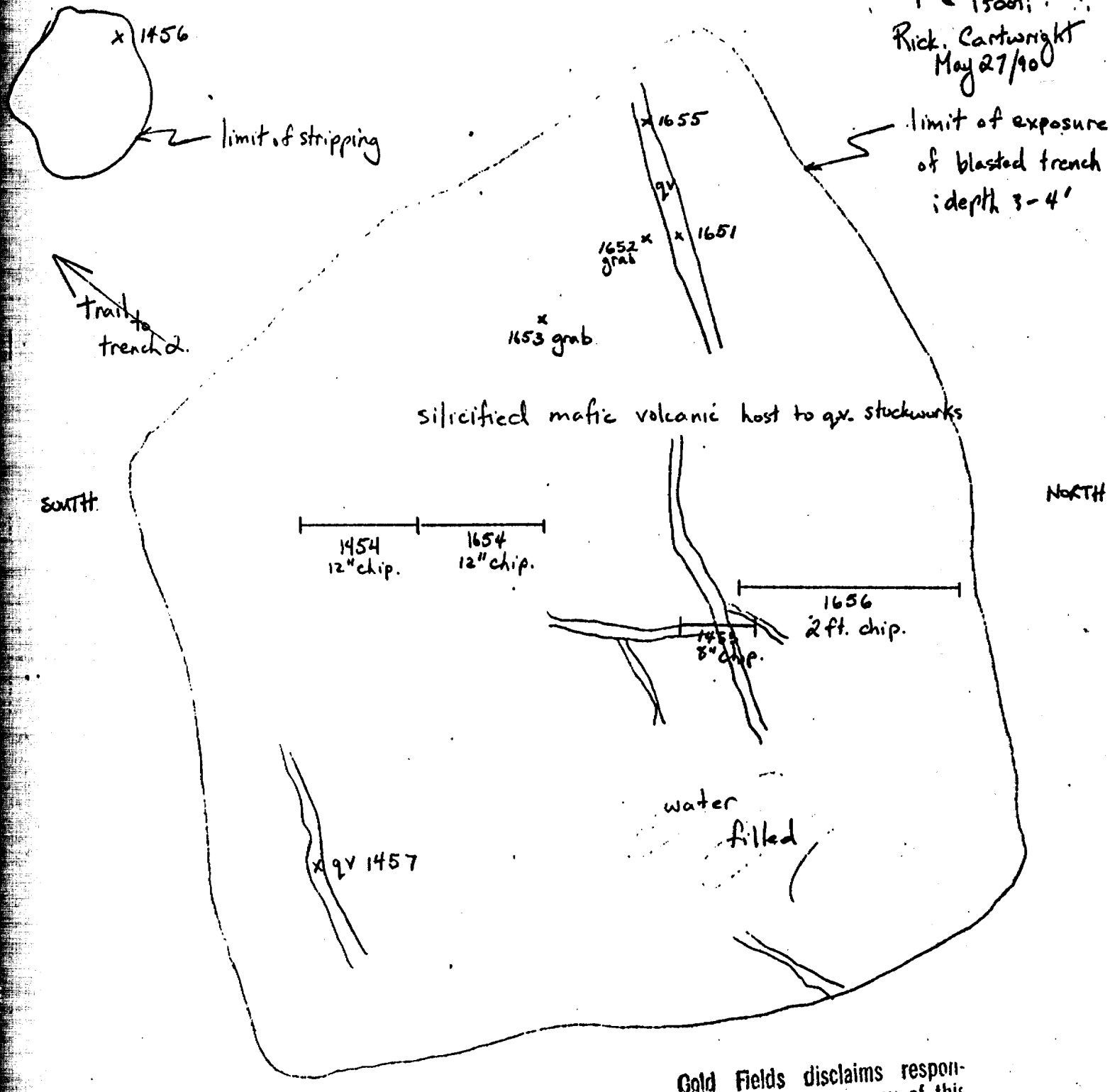
May 27/1990 Rick Cartwright
Cobb Lake Property
of Sheridan Johnson



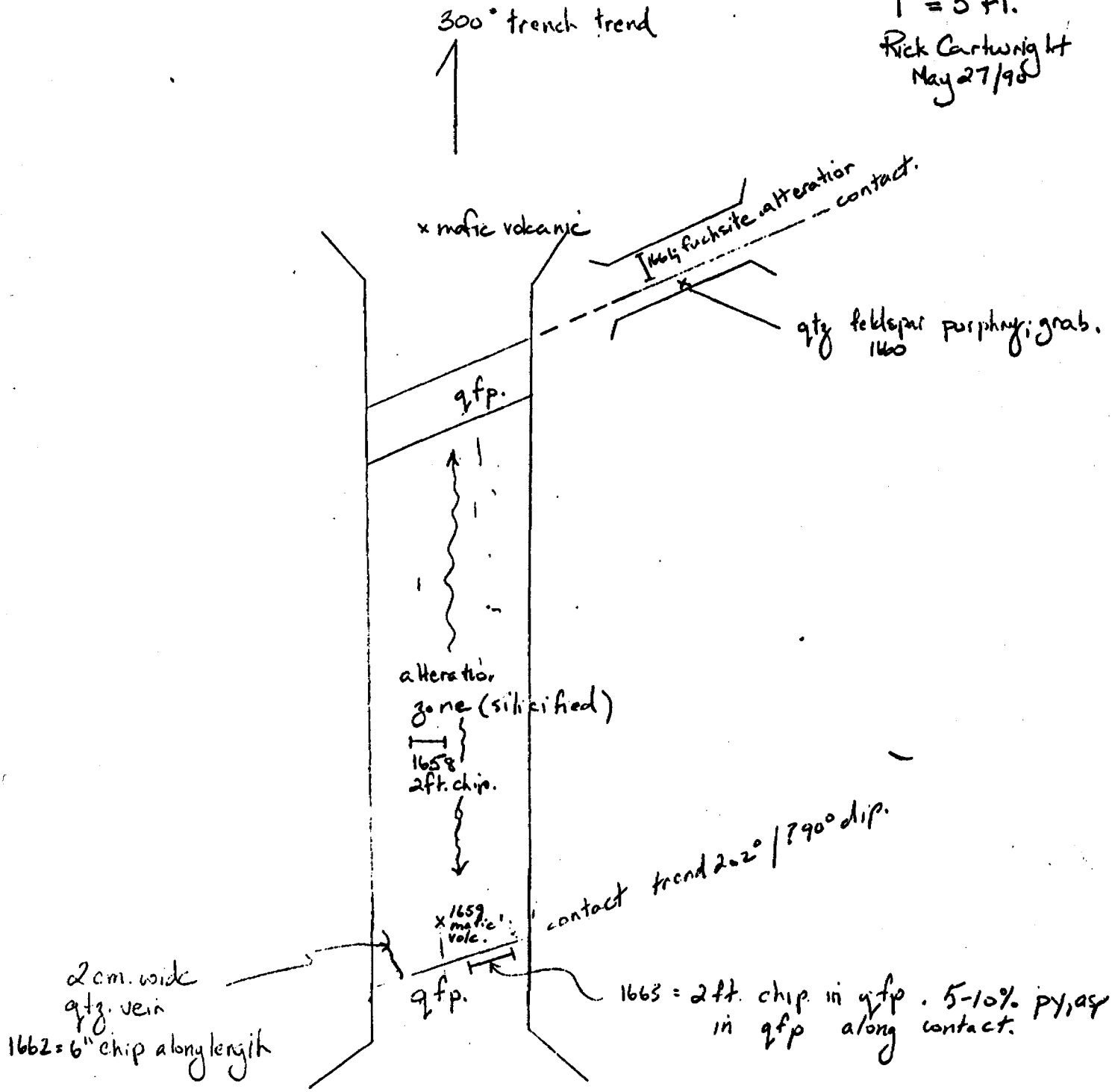
COBB LAKE

82-4940
51-106

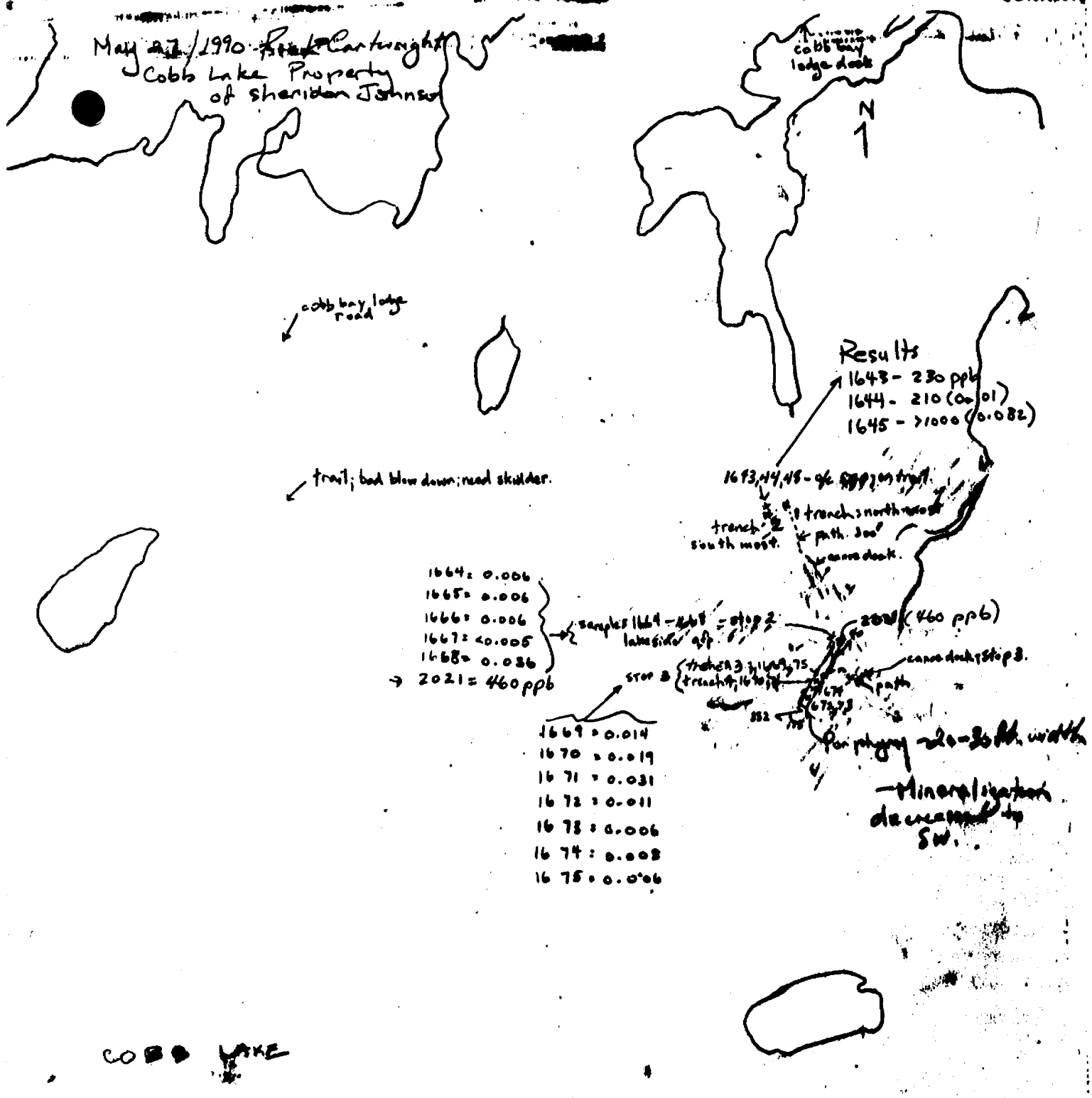
COBB LAKE.
PLAN VIEW OF TRENCH #1
1" = 1 foot
Rick. Cartwright
May 27/90



Cobb Lake
Trench #2.
1" = 5 ft.
Rick Cartwright
May 27/98



SUMMARY OF WORK FOR SHERIDAN JOHNSON



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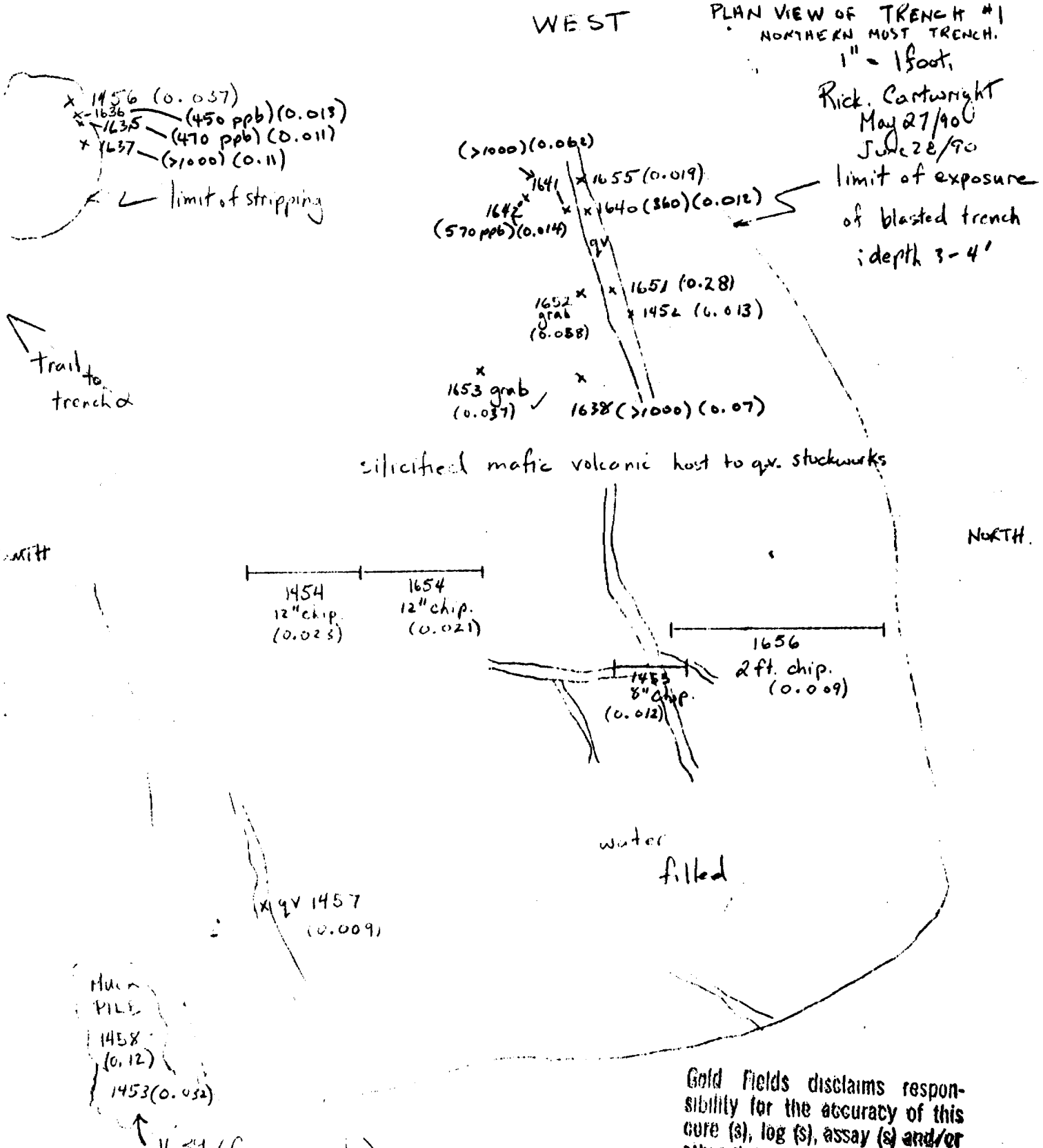
82-4940
51-106

COBB LAKE.

PLAN VIEW OF TRENCH #1
NORTHERN MOST TRENCH.
1" = 1 foot.

Rick. Cartwright
May 27/90
June 28/90

WEST



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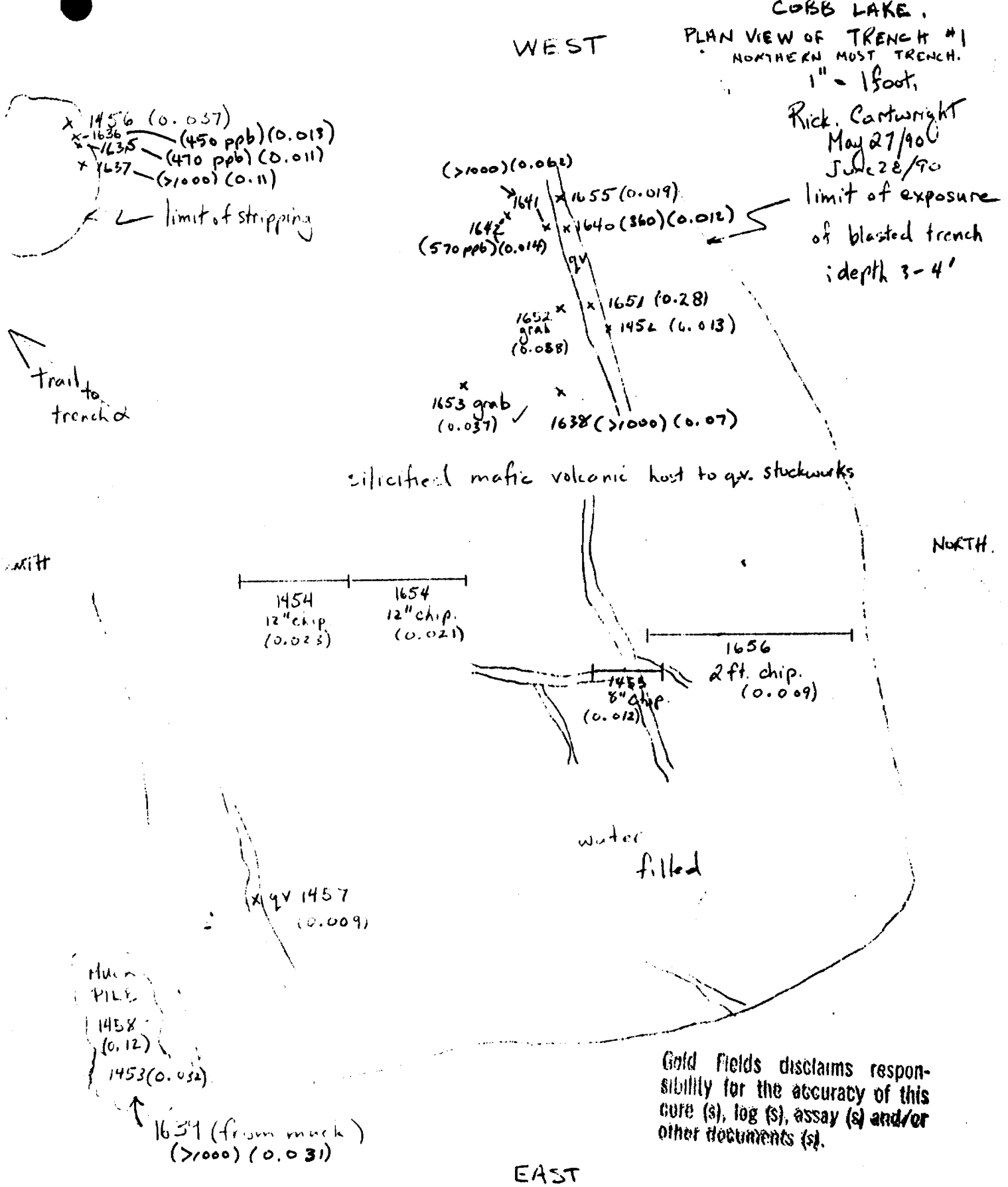
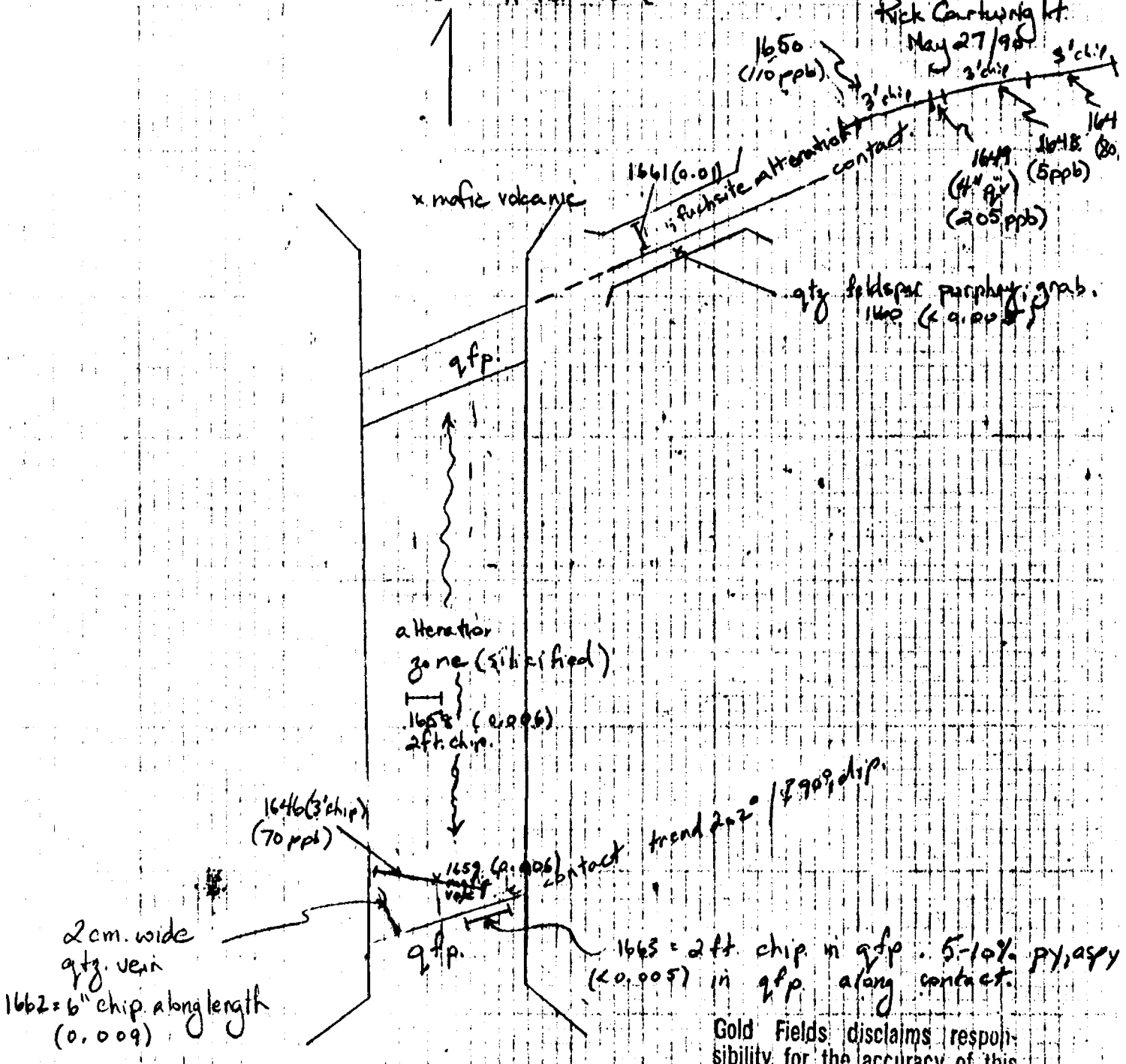


Cobb Lake
Trench #2
(southmost trench)
1" = 5 ft.

Rick Cartwright
May 27/98

300° trench trend



Note:
Ro 1951 (10 ppb) is 15' north of 1642.

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2
(416) 625-1544 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Gold Fields Canadian Mining Ltd.
University Place
123 Front Street West, Suite 909
Toronto, Ont. M5J 2M2

REPORT No. M7139

SAMPLE(S) OF Pulp

INVOICE #:
P.O.:

Bill Bond
Shipment # WB-90-16R

	Gold Au ppb	Gold Au oz/t
RO 1951	10	
RO 1635	470	0.011
RO 1636	450	0.013
RO 1637	>1000	0.11 (0.11, 0.11, 0.11)
RO 1638	>1000	0.07 (0.07, 0.07, 0.07)
RO 1639	>1000	0.031 (0.030, 0.031, 0.031)
RO 1640	360	0.012 (0.012, 0.012)
RO 1641	>1000	0.062 (0.062, 0.063, 0.062)
RO 1642	570	0.014 (0.014, 0.014)
RO 1643	230	
RO 1644	210	0.010
RO 1645	>1000	0.082 (0.082, 0.082, 0.082)
RO 1646	70	<0.005
RO 1647	80	
RO 1648	5	
RO 1649	205	
RO 1650	110	
RO 2012	20	
RO 2013	5	
RO 2014	5	

RECEIVED
JUL 18 1990
GFCM - TORONTO
ATOM

COPIES TO: Bill Bond
INVOICE TO: Toronto

Jul 06/90

Gold Fields disclaims responsibility for the accuracy of this core (s), log (s), assay (s) and/or other documents (s).

SIGNED _____

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2
(416) 625-1544 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Gold Fields Canadian Mining Ltd.
University Place
123 Front Street West, Suite 909
Toronto, Ont. M5J 2M2

REPORT No. M7139

SAMPLE(S) OF Pulp

INVOICE #:
P.O.:

Bill Bond
Shipment # WB-90-16R

	Gold Au ppb	Gold Au oz/t
RO 2015	10	
RO 2016	15	
RO 2017	10	
RO 2018	230	
RO 2019	370	
RO 2020	100	
RO 2021	460	

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Jul 06/90

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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2
(416) 625-1544 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Gold Fields Canadian Mining Ltd.
University Place
123 Front Street West, Suite 909
Toronto, Ont. M5J 2M2

REPORT No.
M6981

INVOICE #:
P.O.:

SAMPLE(S) OF Rock

WB-90-1R

	Gold Au ppb	Gold Au oz/t
RO 1452	460	0.013
RO 1453	760	0.032
RO 1454	260	0.023
RO 1455	600	0.012
RO 1456	>1000	0.035 (0.037, 0.034, 0.035)
RO 1457	95	0.009
RO 1458	>1000	0.12 (0.12, 0.12, 0.12)
RO 1459	155	0.006
RO 1651	>1000	0.27 (0.28, 0.26)
RO 1652	>1000 (>1000, >1000)	0.067 (0.058, 0.072, 0.072)
RO 1653	770	0.037
RO 1654	520	0.021
RO 1655	600	0.019
RO 1656	440	0.009
RO 1657	65	0.006
RO 1658	70	0.006
RO 1659	70	0.006
RO 1660	40	<0.005
RO 1661	45	0.009 (0.010, 0.008)
RO 1662	370 (360, 380)	0.009

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Jun 05/90

SIGNED Daniel J. Belanger

CTA

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2
(416) 625-1544 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Gold Fields Canadian Mining Ltd.
University Place
123 Front Street West, Suite 909
Toronto, Ont. M5J 2M2

REPORT No.
M6981

INVOICE #:

SAMPLE(S) OF Rock

P.O.:

WB-90-1R

	Gold Au ppb	Gold Au oz/t
RO 1663	40	<0.005
RO 1664	460	0.006
RO 1665	125	0.006
RO 1666	30	0.006
RO 1667	30	<0.005
RO 1668	540	0.036
RO 1669	240	0.014
RO 1670	215	0.019
RO 1671	720	0.032 (0.031, 0.032)
RO 1672	215 (245, 180)	0.011
RO 1673	70	0.006
RO 1674	285	0.008
RO 1675	215	0.006
RO 1676	500	0.041 (0.042, 0.042, 0.040)
RO 1677	>1000	0.070 (0.077, 0.068, 0.066)
RO 1678	1000	0.048 (0.047, 0.049, 0.049)
RO 1679	>1000 (>1000, >1000)	0.051 (0.058, 0.046, 0.048)

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INVOICE TO: Toronto

Jun 05/90

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SIGNED _____

CTA

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Samples, Pulps and Rejects discarded two months from the date of this report.

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

P. O. Box 3000
Sioux Lookout, Ontario
POV 2TO

1990.11.01

Mr. Sherridan Johnson
P. O. Box 81
Wabigoon, Ontario
POV 2WO

Dear Sherridan,

Subject: Assay Results from J.R.J. Cobb Bay Showings

Here are the assay results from the samples I took while examining your Cobb Bay property on October 11. In the first trench we examined, gold mineralization is apparently associated only with the altered rock containing quartz stringer mineralization. The samples of carbonated rock from the north and south sides of the trench yielded only low gold values. The two samples taken from the second trench also only gave low gold values. The best assay, a value of 0.377 oz Au/ton, was from a grab sample taken from the carbonatized mafic volcanic with quartz stringers in the old trench where we had lunch. With respect to the shoreline porphyry showings and those between the shoreline and Cobb Lake, assay values are generally low. The highest value from the shoreline outcrop was 0.028 oz.Au/ton and from the hilltop we had one sample return 0.067 oz/Au/ton.

My suggestion to you at this time, is that your efforts should concentrate on trying to extend the mineralization in the first trench and further prospecting and trenching around the old trench where we had lunch. I would also be interested in knowing if your samples that you had assayed from the shoreline outcrop returned significantly higher values than those which we got.

Cordially,

Glenn Seim, Staff Geologist
Sioux Lookout District
Mines and Minerals Division
(807) 737-2037
/mr
Enclosure

Ontario
Ministry of Northern Development and Mines

Temiskaming Testing Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11558

Laboratory Report

Date Oct. 25, 1990

Issued To: Glenn Seim, Resident Geologist Office, MNDM, P.O. Box 3000, Sioux Lookout, Ont. P0V 2T0

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
#GWS-90-140	0.127		
-141	42 PPB		
-142	177		
-143	0.147		
-144	0.009		
-145	63 PPB		
-146	0.377		
-147	57 PPB		
-148	0.022		
-149	0.028		
-150	417 PPB		
-151	0.067		
-152	363 PPB		

Fees Received Charged Cost Code 9551-6455-12

C. McNaught for L.Owsiacki
Manager (Acting)

REQUISITION FOR LABORATORY WORK

Submitted by: Glenn Seim | Sioux Lookout Resident Geologist's Office | Project Area(s): Sturgeon Lake | Date: 90 | 10 | 12

Remarks: GWS90-140-152 are from JRJ Cobb Bay Showing

Sample No.	Sample Type	Sample Description	Work Requested	For Laboratory Use Only
GWS 90-140	2 m rock chip	-taken across approx. 2 m west face of Trench 1 -Fe Mg Carb'd rock with 2-3%, 1-3 mm diss. euhedral py, occassional quartz stringers	Au by F.A. followed by A.A. if less than 1000 ppb	.127 oz Au/t
GWS 90-141	Grab rock	-from north wall of Trench 1 -deeply weathered Fe M, Carb'd rock with 2-3%, 1-3 mm diss. euhedral pyrite	Au by F.A. followed by A.A. if less than 1000 ppb	42 ppb Au
GWS 90-142	Grab rock	Rock knoll south side of Trench 1 -deeply weathered Fe M, Carb'd rock with 2-3% 1-3 mm diss. euhedral pyrite	Au by F.A. followed by A.A. if less than 1000 ppb	177 ppb Au
GWS 90-143	Grab rock	-"Best" mineralization from Trench 1 -Fe Mg Carb'd rock with 2-3%, 2-3 mm diss. euhedral pyrite and narrow quartz stringers -slabbed samples	Au by F.A. followed by A.A. if less than 1000 ppb	.147 oz Au/t
GWS 90-144	1.2 m chip rock	-taken along the west face of Trench 2 -Fe Mg Carb'd mafic volcanic with 1-2% diss py and quartz py stringers	Au by F.A. followed by A.A. if less than 1000 ppb	.007 oz Au/t
GSW 90-145	Grab rock	-unaltered mafic volcanics with quartz stringers - East side of trench 2	Au by F.A. followed by A.A. if less than 1000 ppb	63 ppb Au
GWS 90-146	Grab rock	-old trench -weakly carb'd mafic volcanic with quartz stringers on approx. 1% diss. py	Au by F.A. followed by A.A. if less than 1000 ppb	0.377 oz. Au/t
GWS 90-147	Rock Chip approx. 0.5 m	-shoreline trench -carb'd porphyry with diss. py and quartz tourmaline veins	Au by F.A. followed by A.A. if less than 1000 ppb	57 ppb Au

REQUISITION FOR LABORATORY WORK

Submitted by: Glenn Seim | Sioux Lookout Resident Geologist's Office | Project Area(s): Sturgeon Lake | Date: 90 | 10 | 12

Remarks: see first page

Sample No.	Sample Type	Sample Description	Work Requested	For Laboratory Use Only
GWS 90-148	Grab rock	-quartz tourmaline veins in porphyry	Au by F.A. followed by A.A. if less than 1000 ppb	0.022 oz Au/t
GWS 90-149	Grab rock	Porphyry with 1-3% diss. to stringers euhedral py	Au by F.A. followed by A.A. if less than 1000 ppb	0.028 oz Au/t
GWS 90-150	Rock grab	-hill outcrop, east pit -QFP, carb'd with less than 1% py - minor tourmaline veining	Au by F.A. followed by A.A. if less than 1000 ppb	417 ppb Au
GWS 90-151	Rock grab	-hill outcrop - centre pit diss py along qtz tourmaline veinlets in Q.F.P.	Au by F.A. followed by A. A. if less than 1000 ppb	0.067 oz Au/t
GWS 90-152	Rock grab	-Hill outcrop - exposure centre of O/C Quartz tourmaline vein in Q.F.P.	Au by F.A. followed by A.A. if less than 1000 ppb	363 ppb

" THE PRESIDENT " REPORT

Individuals Who Applied for Assistance for this Project:

Sherridon Johnson
Bill Read
Stan Johnson

Location and Access:

Attached

Geology:

Mafic volcanics on diorite contact. Felsic dike, 40' wide and 1000' and more, long. Quartz flooding occurs in Dike. Minor Cpy in felsite.

Work Done:

Prospecting done over entire area, sampling anything of interest. Looking primarily for old workings described in old reports. Found one shaft in Felsite Dike. Nothing of significance in shaft. Flagged line N.E. for 1 1/2 claims, then flagged lines off it to the west every 200', going about 2000' west each time. The "Hilltop Showing" to the N.W. across the highway was re-examined because of it's proximity and blasting and sampling was done on and near the main showings. All samples were analysed and panned.

Results and Recommendations:

Nothing of significance was found even though the attempt to find the old workings was thorough and satisfactory. No further work or prospecting in the immediate area is recommended, however, the "Hilltop Showing", on re-examination shows some excellent VG and an attempt should be made to find the specific zone that is carrying the gold and open it up.

Daily Log:

Attached

Expenditures:

Attached

THE PRESIDENT

Area - Boyer Lake

Mining division - Kenora

Claim map NO.- G2572

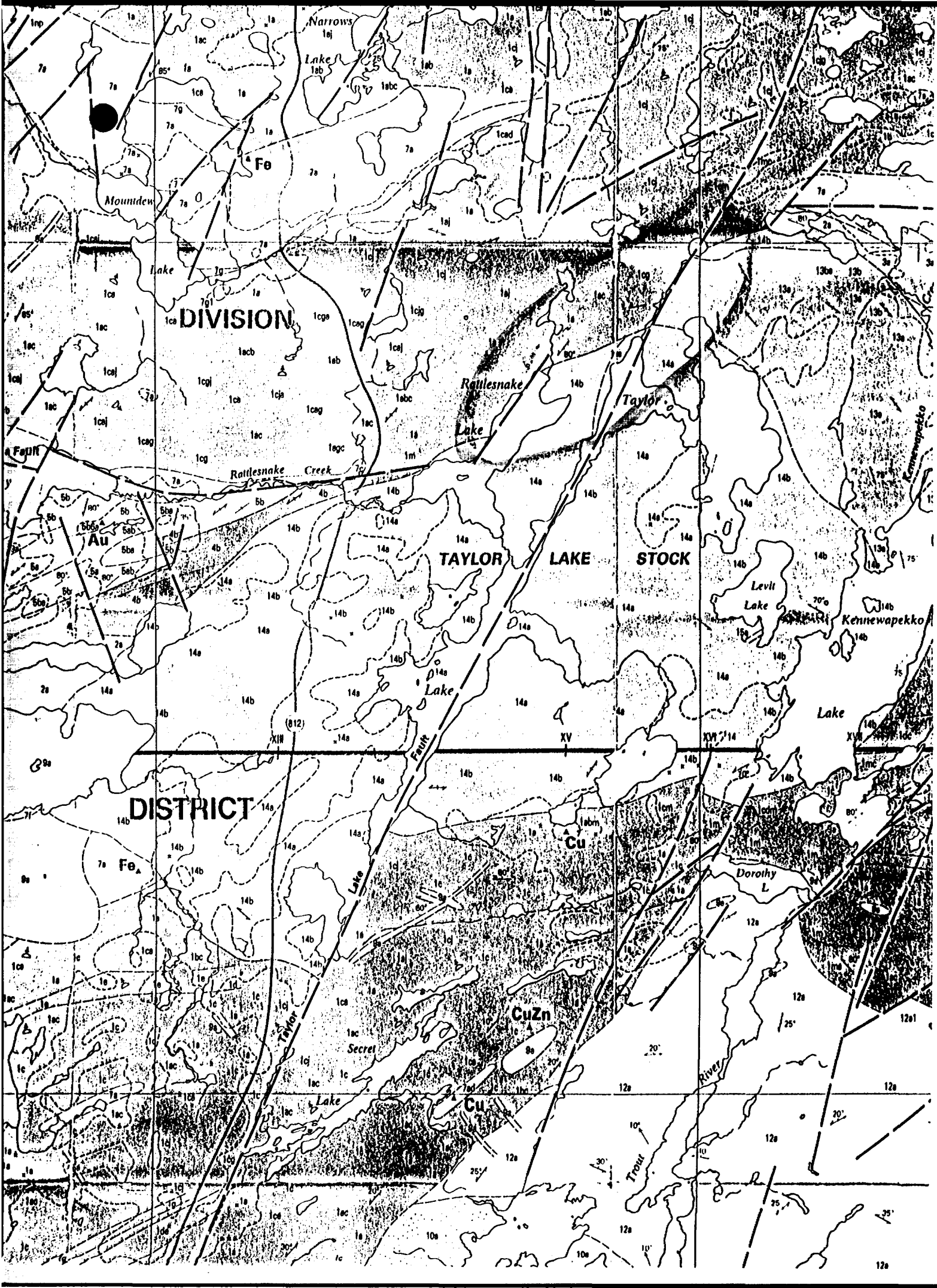
N.T.S. Map -52F/SE

Location map - Enclosed

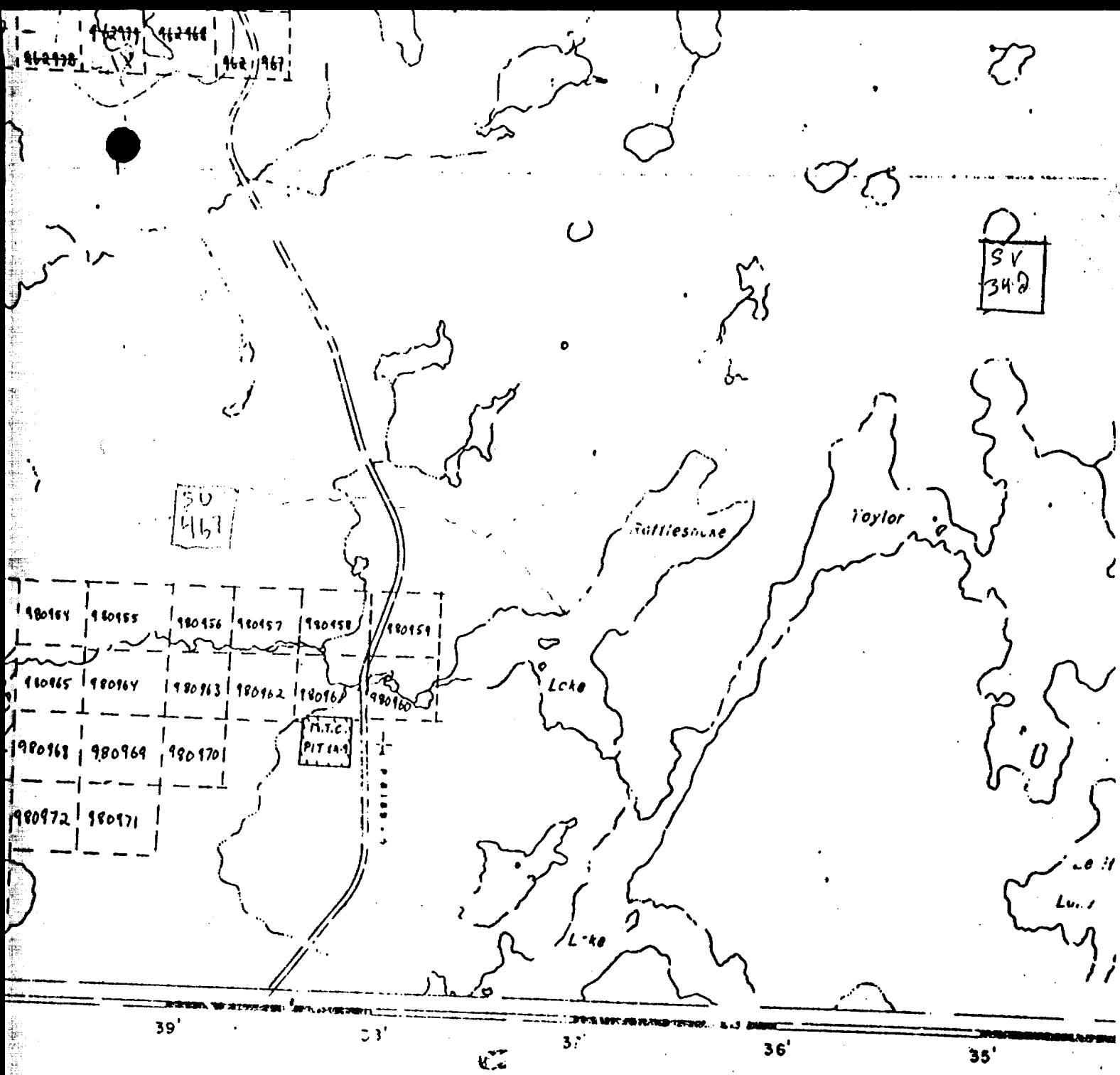
Claim map - Enclosed

Prospecting Target - AU

Deposit Type - Quartz Vein


Narrows
Lake
Fe
Mountdew
Lake
DIVISION
Rattlesnake
Lake
Taylor
Fault
Rattlesnake Creek
Au
TAYLOR
LAKE
STOCK
Levli
Lake
Kennewapekko
Lake
Lake
Fault
DISTRICT
Cu
Fe
Dorothy
L
CuZn
Secret
Lake
Taylor
Cu
River
Trout


LAKE
Taylor
Rattlesnake
Lake
TAYLOR
Lake
Portage
1090000 FTE
1100000 FTE



Megnisi Lake - G-2653

" LONG LEAD " REPORT

Individuals Who Applied for Assistance for this Project:

Sherridon Johnson
Bill Read
Stan Johnson

Location and Access:

Attached

Geology:

Showings are in an area of mafic meta-volcanics with granite contacts nearby. The granite has intruded the volcanics and granite and felsite dikes are abundant, giving rise to a variety of metamorphic rocks. Sheared zones, quartz veins and sulphide mineralization are a common feature of both the shearings and the quartz. Two ages of pyrite are indicated, one a reddish, tarnished, coarse cube pyrite, the other, a massive brassy coloured pyrite. The shearings are composed mainly of quartz, 60%, calcite in places, abundant chlorite and heavy pyrite.

Work Done:

Trail was cut to the showings. Old trenches were located, sampled and panned. Prospecting was carried out over entire area. Base line was cut 2400' long to tie in pits. Tied in 15 pits. Blasting was done around pits #14 and 15, particularly in an effort to open up the shear itself.

Prospected across highway, and found old trenches in gabbro. Nice Cpy and Po mineralization. Good reaction for Ni. Appears to be part of the Nabish Lake gabbro.

Results and Recommendations:

A lot of the quartz veins did not have any appreciable amounts of gold but we found that the shearings themselves, particularly the chlorite rich sections, contained considerable gold. Up to .25 oz./t. on assay. As a result the auriferous shearings should have more work, especially trenching, done on them and similar situations should be looked for in the area.

Nabish Lake gabbro must be looked at more closely for Cu-Ni- Pt potential.

Daily Log:

Attached

Expenditures:

Attached

LONG LEAD

Area - Contact Bay

Mining Division - Kenora

Claim map no. G-2579

N.T.S. -52F/NE

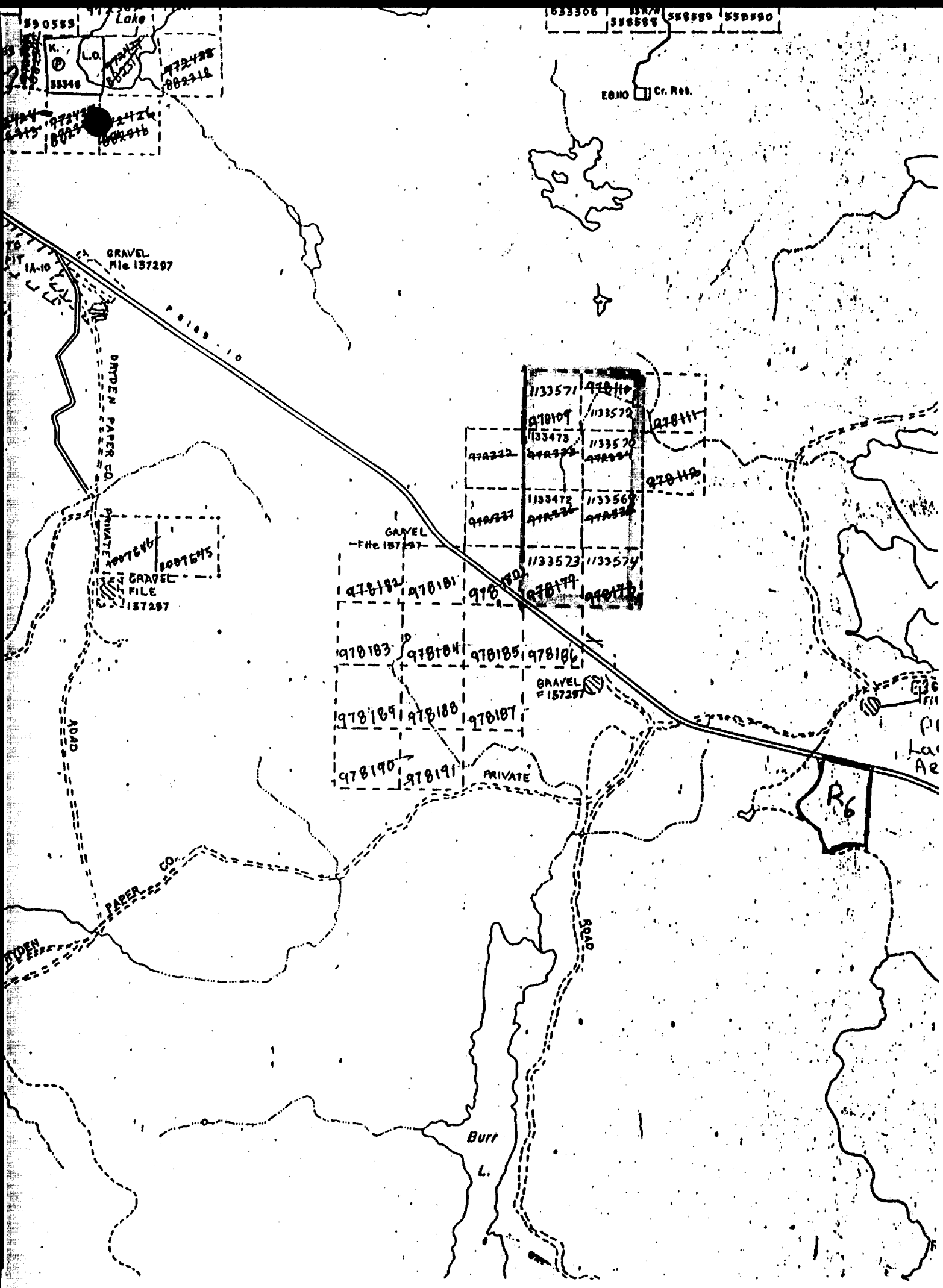
Location map - Enclosed

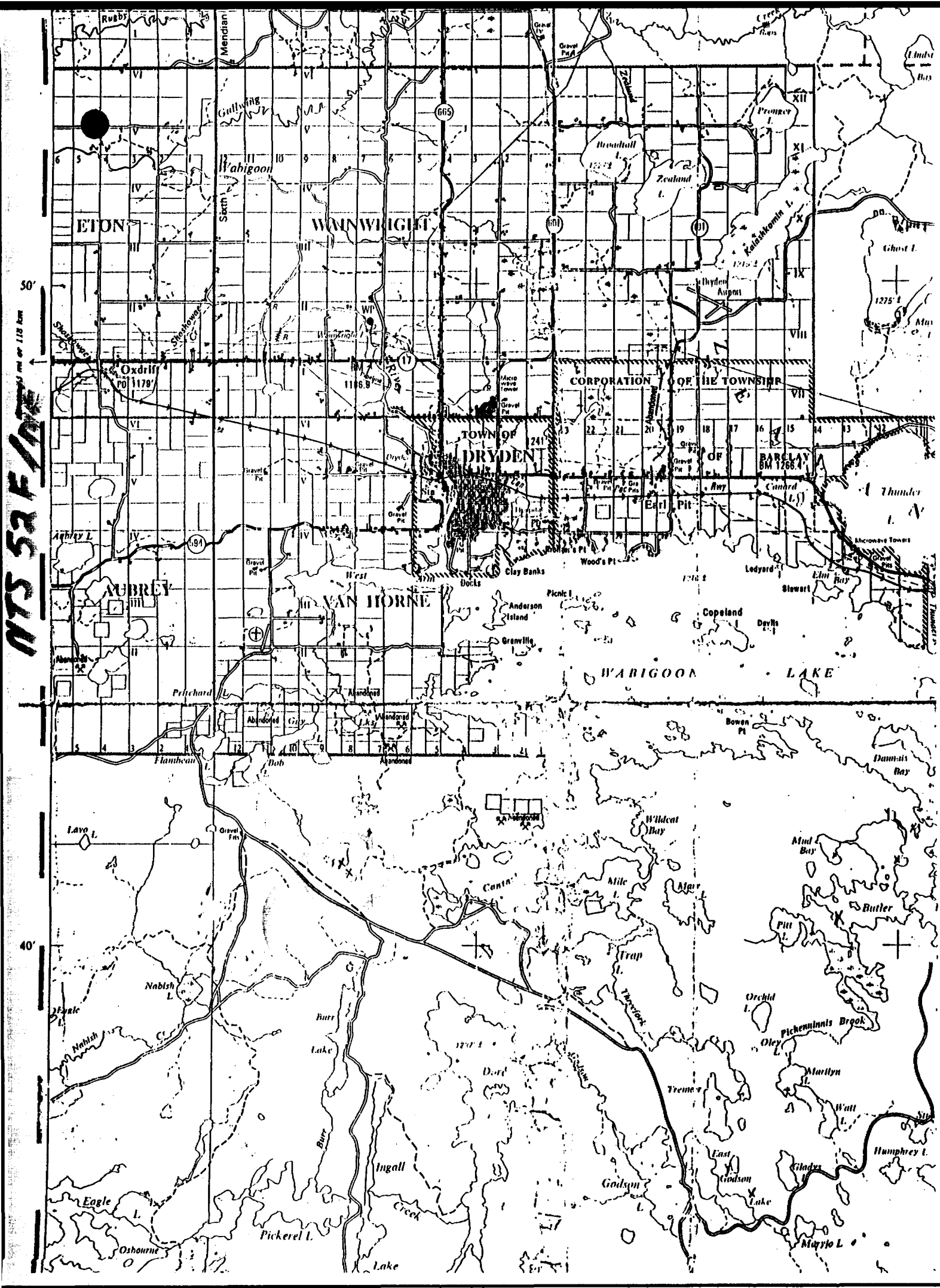
Claim map - Enclosed - claims outlined

Prospecting Target - AU

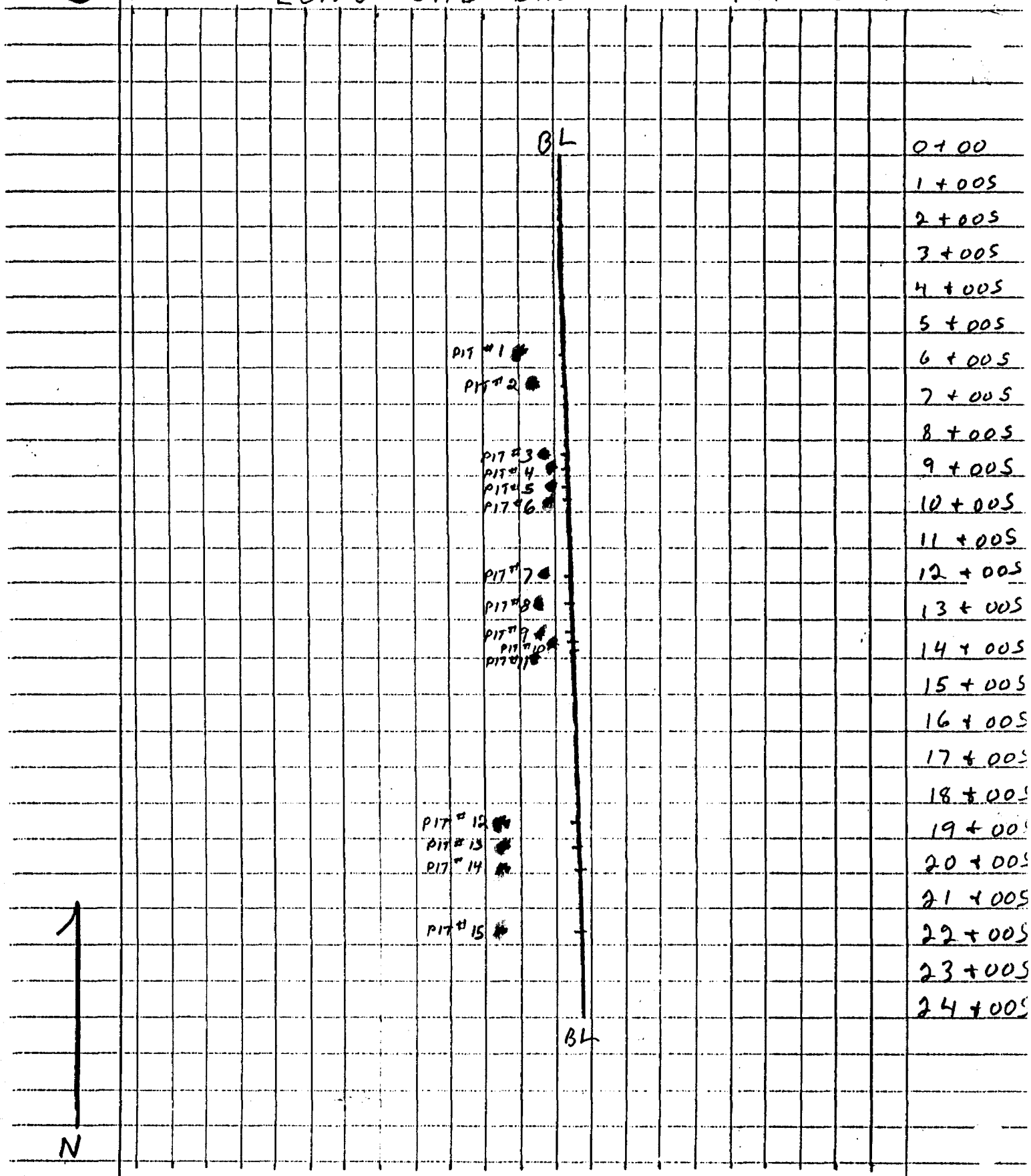
Deposit Type - Quartz vein in strong shear zone

Geology - Volcanics


Lake
L.O.
GRAVEL File 157297
DRYDEN PAPER CO.
PRIVATE
GRAVEL FILE 157297
GRAVEL File 157297
GRAVEL F 157297
PRIVATE
ROAD
PAPER CO.
DRYDEN
Burr L.
R6
Cr. Rob.

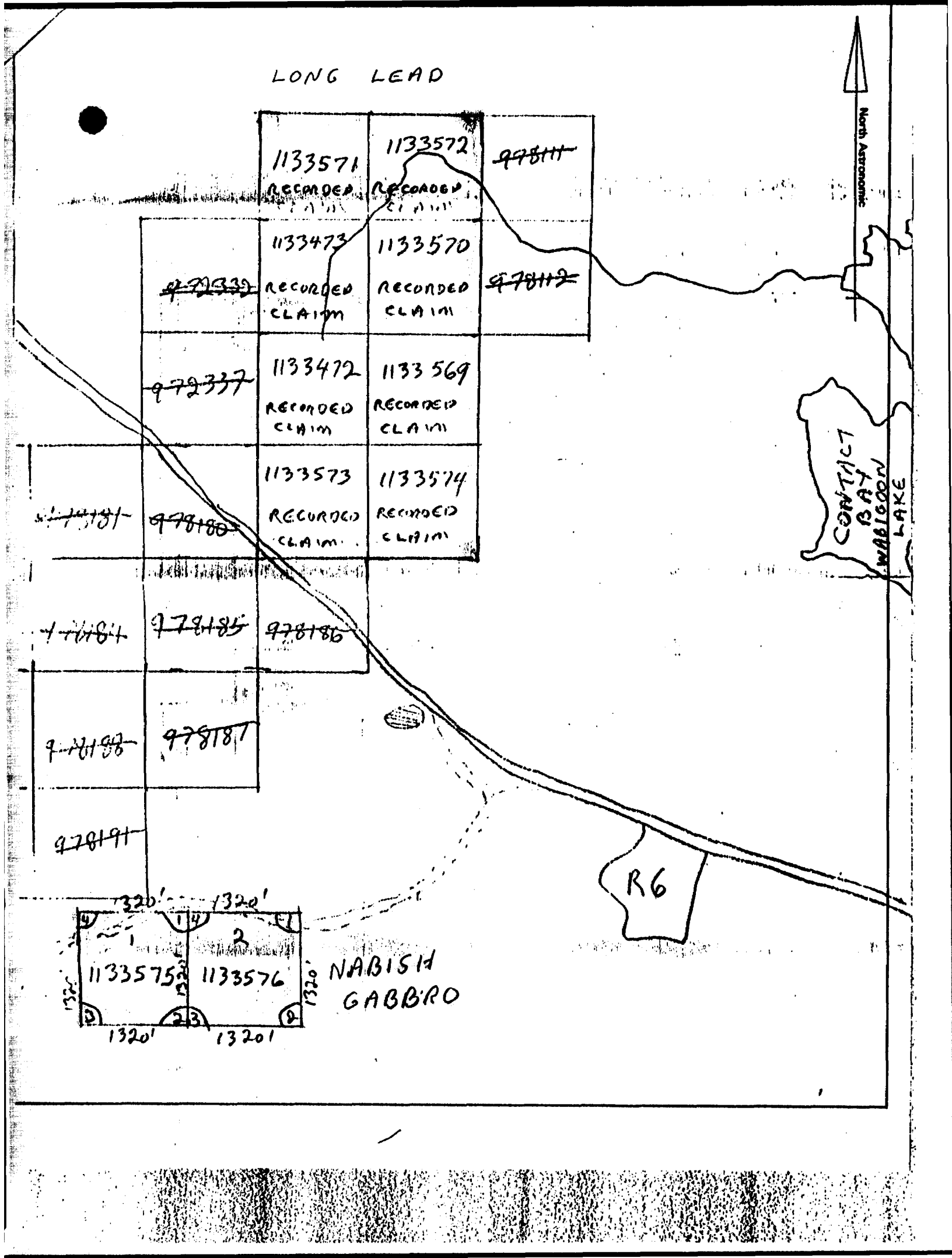

NTS 52 F/10
50'
40'
ETON
WOMNWRIGHT
Wahigoon
Gullwing
Sixth
Meridian
Rugby
Oxdrift
PO 1179'
Shoshowop
Shoshowop Cr.
Wenwright
R
665
17
101
CORPORATION OF THE TOWNSHIP
TOWN OF
DRYDEN
241
OF
BARCLAY
BM 1266.4
Broadhall L.
Zealand L.
Zealand
Premier L.
Kakakkomin L.
Ghost L.
Dryden Airport
1275' L
Thunder L.
Canard L.
Earl Pit
Gravel Pit
Abbey L
Aubrey
West
Van Horne
Docks
Clay Banks
Wood's Pt
Ledyard
Elm Bay
Stewart
Anderson Island
Picnic I
Copeland
Devils
Granville
WARIGOON LAKE
Pritchard L
Abandoned
Flambeau L
Bob
Bowen Pt
Dawnais Bay
Lavo L
Wildcat Bay
Mud Bay
Butler
Pitt L
Trap L
Orchid L
Pichenninnis Brook
Oley L
Marilyn L
Watt L
Humphrey L
Gladys
East Godson Lake
Godson L
Nabish L
Nabish Cr
Burr Lake
Burr Creek
Ingall Creek
Eagle L
Pickerel L
Oshourne Lake
Murrio L
Dart
Tremeer
Thurston
Abandoned Mine

LONG LEAD BASE LINE & PIT LOCATION



LONG LEAD PIT LOCATION WITH REFGRENCE TO BASE LINE

5	+	53	S	-	Pit	#	(1)	1 + 33	W
6	+	16	S	-	Pit	#	(2)	0 + 92	W
8	+	32	S	-	Pit	#	(3)	0 + 51	W
8	+	81	S	-	Pit	#	(4)	0 + 48	W
9	+	28	S	-	Pit	#	(5)	0 + 41	W
9	+	63	S	-	Pit	#	(6)	0 + 53	W
11	+	92	S	-	Pit	#	(7)	0 + 91	W
12	+	55	S	-	Pit	#	(8)	1 + 06	W
13	+	28	S	-	Pit	#	(9)	1 + 19	W
13	+	50	S	-	Pit	#	(10)	0 + 51	W
13	+	68	S	-	Pit	#	(11)	1 + 26	W
18	+	53	S	-	Pit	#	(12)	2 + 26	W
19	+	20	S	-	Pit	#	(13)	2 + 21	W
19	+	96	S	-	Pit	#	(14)	2 + 25	W
21	+	60	S	-	Pit	#	(15)	2 + 28	W


LONG LEAD
North Astronomic
1133571
RECORDED CLAIM
1133572
RECORDED CLAIM
1133473
RECORDED CLAIM
1133570
RECORDED CLAIM
1133472
RECORDED CLAIM
1133569
RECORDED CLAIM
1133573
RECORDED CLAIM
1133574
RECORDED CLAIM
CONTACT BAY
WABIGOON LAKE
R6
320'
1320'
1133575
1133576
NABISH
GABBRO
1320'
1320'

" PIKE LAKE PLUTON " REPORT

Individuals Who Applied for Assistance for this Project:

Sherridon Johnson
Bill Read
Stan Johnson

Location and Access:

Attached

Geology and Work Done:

Almost all the Pike Lake Pluton is a coarse gabbro. A small body of granodiorite mixed with gabbro occurs on the north claims. Blue Opalescent Qtz, eyes are quite prominant in this altered section of the gabbro. This is likely due to the proximity of the Shanty Lake Granite Pluton.

A number of old trenches were found at this location, very close to Highway 599.

The material in the trenches appears to be a meta-gabbro or diorite mineralized with pyrite, chalcopyrite and pyrrhotite.

Some of this material reacts strongly for nickel with Demethylglioxime.

Some old trenches show considerable chalcopyrite.

Some trenches from 1989 were re-sampled and analysed for Cu - Ni - Pt.

Results and Recommendations:

Low nickel-platinum-palladium and copper values are widespread in this Gabbro Pluton and in one place and possibly more the copper values are high grade.

Only a very small portion of the favorable formation has been prospected to date.

Twenty-one claims have been staked to protect the showings.

More prospecting is warranted on the Pluton.

Daily Log:

Attached

Expenditures:

Attached

PIKE LAKE PLUTON

Area - Valora Lake

Mining Division - Patricia

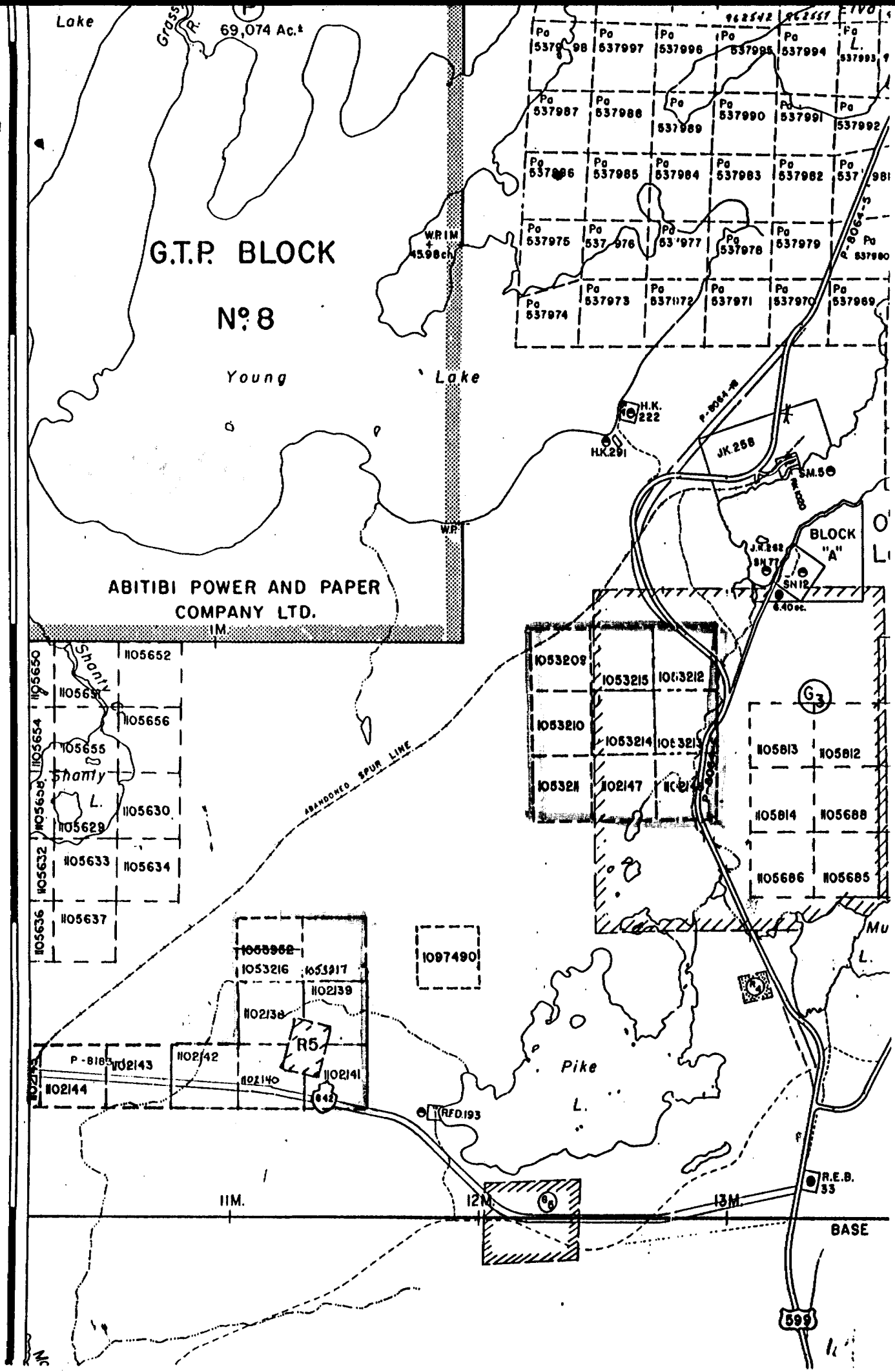
Claim map no. - G2526
N.T.S. map - 52G/NW

Location map - Enclosed

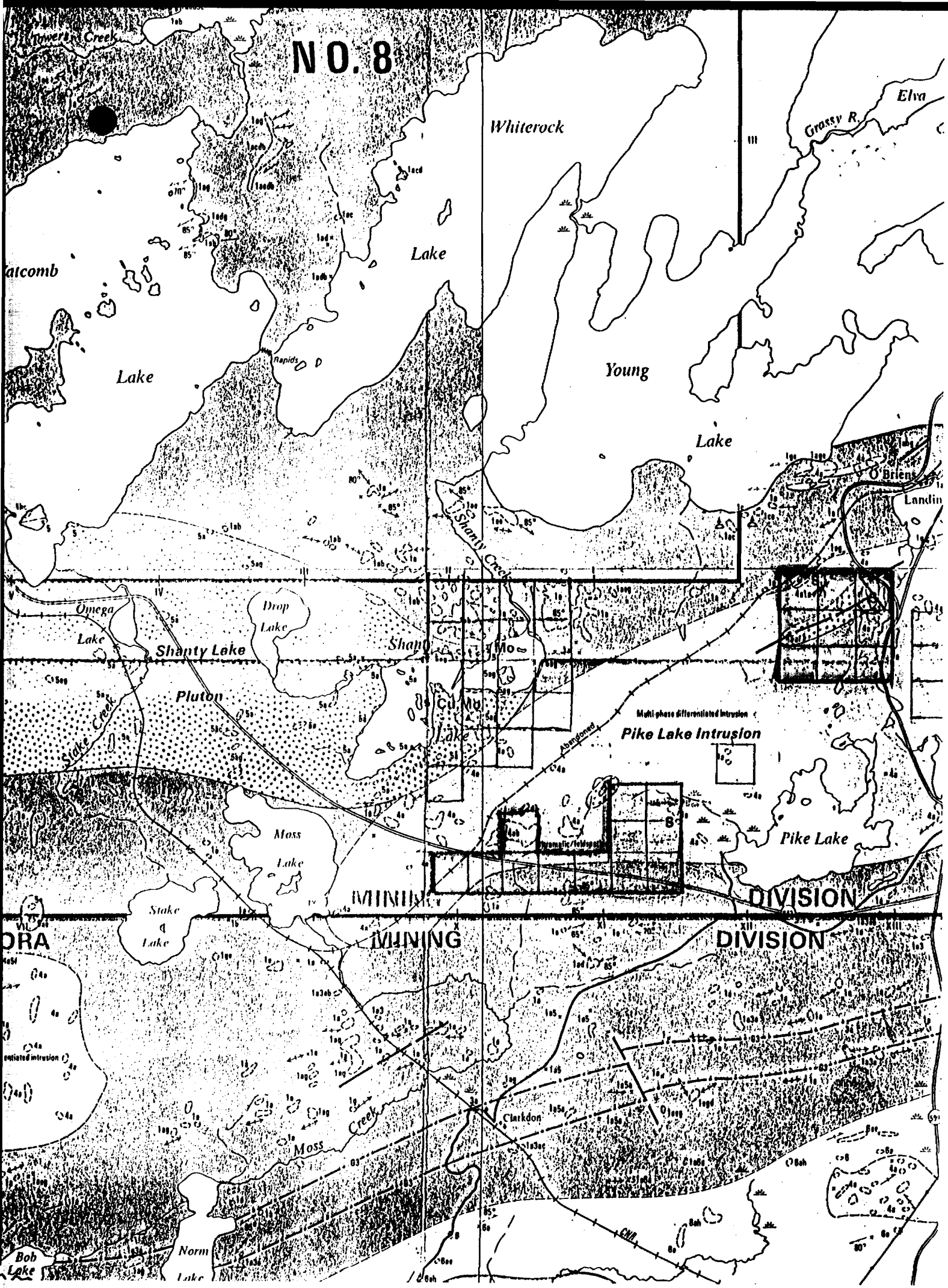
Prospecting Target - CU -NI -PT -AU

Deposit Type - Disseminated to massive sulphides

Geology - Gabbro Pluton



PRESS LAKE G-2525


NO. 8
Whiterock
Grassy R.
Elva
Lake
Young
Lake
Lake
Rapids
O'Briens
Shanty Creek
Omega
Lake
Drop
Lake
Shanty Lake
Pluton
Stake Creek
Cu Mo
Lake
Multi-phase differentiated intrusion
Pike Lake Intrusion
Abandoned
Moss
Lake
Pike Lake
DIVISION
Stake
Lake
MINING
DIVISION
Clarkdon
Moss Creek
Norm
Lake
Bob
Lake
CNR

SAMPLE DESCRIPTIONS AND RESULTS

Analysis was done by crushing and panning or crushing, roasting and panning, and by pannings of rust.

May 24-90

Sample id. - SJ-23-05-90-#1 - Long Lead N. of main W. of Base Line - 150' from 0 + 40 S. - qtz. stringers - flooding - Py - Chalco.

Crushed and panned - rusty qtz. - nil.

id. - SJ-23-05-90-#3 - Long Lead same as 1 and 2. 200' from 0 + 40 S. material rusty qtz. stringer in granitized meta - volcanic.

id. - WR-23-05-90 - Pit No. 21-05-90-#1 - wall and min. qtz.

Crushed and roasted - nil.

id. - Rust from -21-05-90-#1 - West side of pit - gold - nil.

id. - WR #2 sample - open cut - Long Lead - min qtz. - py - qtz. granular - siliceous mafic meta - volcanic. Gold nil.

id. - WR - Rust from above - panned - gold nil - qtz. string.

id. - WR #3 sample - rusty shear - open cut - gold nil - talc - mafic meta - volcanic.

id. - WR- 23-05-90-#1 - open cut - min. qtz - roasted and panned - gold nil.

id. - as above - rust from open cut - panned nil.

id. - WR-23-05-90-#3 rust from shear zone 150' N. of SJ-21-05-90-#1 - rust panned - gold 1 colour.

id. - WR-23-05-90 - rust from 1st pit on Am. Jack. Gold nil - rock meta - diorite - qtz. string - py.

id. - SJ-23-05-90-#2 - Long Lead - Same as #1 - 175' W. from - 0 + 40 S. Base Line.

Crushed and panned - vugged out rusty qtz. Gold nil.

May

Sample id. - SJ-14-05-90-#1 - Long Lead - qtz. vein - py - chalco - 10" wide in center - pinches at both ends - 15' apart - S.W. of sj-11-05-90-#2 on claim line.

Reddish - rusty qtz. crushed and panned - no gold- no sulphides - abundant magnetite - The rock carried a few clots of sparse pyrite and is and epidote - chlorite metamorphic rock from likely close to the granite or a granite dike.

id. - SJ-14-05-90-#2 - rust from Long Lead (Am. Jack) shear 6' E. of sj-11-05-90-#3 - where good panning came from.

The rust was panned and contained abundant brownish - red tarnished pyrite crystals that could be easily mistaken for garnet. 8 to 9 colours of gold was obtained - some quite large but flakey.

id. - SJ-14-05-90-#3 - Long Lead (Am. Jack) rust from shearing 65' N. of sj-14-05-90-#2 on strike.

No gold was obtained from panning this rust but abundant cube - reddish - tarnished - pyrite was observed - as above - #2.

May 23-90

id. - SJ-18-05-90-#2 - Long Lead 400' E. of Base line - opposite Am. Jack across Beaver Swamp - qtz. veins - 6" etc. - in all directions.

Material crushed and panned - rusty qtz. - no gold.

id. - SJ-18-05-90-#1 - Long Lead - trench - S.W. end shearing - qtz. - beautiful sulphides - py.

Crushed - roasted - panned - very good tail of gold - both coarse and fine - two ages pyrite.

id. - SJ-21-05-90-#1 - Long Lead - rust and qtz. from pit 50' E. of Base Line - off main zone - different strike.

Rust panned - nil - material (rusty qtz.) roasted and panned - nil.

id. - SJ-21-05-90-#2 - rust from pit - same as sample 21-05-90-#1 - excellent panning for gold.

May 11-90

Sample id. - SJ-10-05-90-#2-Long Lead not roasted - abundant sulphides.

id. - SJ-10-05-90-#3-Long Lead rusty qtz. insufficient roasting - 3 colours - Qtz. in shear - py - chalco - long lead - S.W. zone at swamp.

id. - 30-04-90-#3-GLP road - 1st N. of Ra. creek, poor roast, abundant sulphides.

id. - 30-04-90-#1 Qtz. carb. - pyrite - nil

id. - 7-05-90-#2 Poor roast - sulphides
Pulverizing and roasting - Bill Read
Re-grinding and panning - Stan Johnson

Rust Pannings May 11-90

id. - SJ-11-05-90-#1 - Long Lead - qtz. vein in shear on E. side - on N. - S. claim line - 200' S. of center post. Rust panned 8 - 9 colours.

id. - SJ-11-05-90-#3 - Long Lead - (Am. Jack) - center of zone - W. 20' from main zone - heavy pyrite in qtz. and wall - Rust panned very well - some coarse colours.

id. - SJ-11-05-90-#2 - 200' S.E. of sample #1 across swamp on strike - shearing 1'-2' wide - sheared meta-volcanics - pyrite - minor qtz. - gold nil on roasting and panning.

id. - SJ-11-05-90-#3 - Long Lead (Am. Jack) center of zone W. 20' from main zone - qtz. with py - siliceous meta-volcanic wall - considerable py - not known if hanging or foot wall - Roasting and panning a small piece of wallrock showed 20 or 30 good gold colours.

id. - SJ-10-05-90-#2 - shear zone - W. - S.W. - 100' from main zone of Long Lead - opposite trench that is E. of main zone. This shearing is a meta - volcanic altered to siliceous chlorite - sericite - coarse abundant pyrite - There was no gold on roasting and panning.

Sample id. - SJ-29-05-90-#3 Long Lead (Am. Jack) - Rusty rock on strike with shearings - dug up from overburden - between pits # 14 and 15.

Very altered heavily mineralized material - considerable magnetite - abundant calcite - appears granitic - roasted and panned - excellent tailing - some very coarse gold.

id. - SJ-25-05-90-#2 - Same as #1 - 6' W. more qtz. and pyrite - panned without roasting - very good gold.

Panned rust - very good panning.

id. - SJ-25-05-90-#1 - Long Lead (Am. Jack) Southend pit #15 A - mineralized shearing - took rust and rock - cubed pyrite.

Rust panned very well.

id. - SJ-30-05-90-#1 - McHugh creek - small trench on Twp. 12 - brought rust and rock.

Panned rust - gold nil.

id. - As above - crushed and panned rusty shear - some siliceous material - gold nil.

id. - SJ-30-05-90-#2 - McHugh creek - Satterly's test pit - Twp. 11 qtz. on hillside.

Crushed and panned rusty qtz. - no sulphides - gold nil.

id. - SJ-25-05-90-#1 - (Am. Jack) - #3 above roasted and panned mineralized mafic shearing - gold nil.

June

id. - SJ-04-06-90-#1 - Mineralized shearing - 400' N.W. of Am. Jack - similar to gold bering zone on Am. Jack - felsite intruding.

Metamorphic rock - biotite - chlorite - calcite - little qtz. - abundant - py - roasted and panned - gold nil.

id. - WR-31-05-90-#1 - 40' S. # 15 pit.

Meta - diorite considerable calcite - sparse py - crushed and panned - roasted - 1 medium coarse colour - 2 fine colours.

Sample id. - Rust from above - gave some good gold colours.

id. - WR-31-05-90-#5 - #14 Pit - west shear - rust panned very well.

Roasted, crushed and panned - material - meta - diorite with streaks of chlorite - some calcite - cube pyrite - 8 - 10 good colours.

id. - WR-31-05-90-#4 - Pit 14a - East shear - material meta - diorite and hornblende - chlorite schist - some calcite - cubed pyrite - crushed and roasted and panned - 2 or 3 small colours. - rust panned very well.

id. - SJ-31-05-90-#2 - Long Lead - Rusty - Qtz. vein 4 + 05 S. - 1 + 00 E. - crushed and panned - nil.

id. - SJ-31-05-90-#1 - Long Lead - Qtz. in shear - py rusty - crushed and panned.

June 7

id. - SJ-01-06-90-#1 - Qtz. in shear - py - gabbro along side - pyrrh. and chalco - 10 + 40 S. - 3 + 30 W.

Granular qtz. and calcite in hornblende chlorite shear - well crystalized rosettes of actinolite - pyrite - glassy secondary rusty qtz.

Crushed and panned granular qtz. - gold nil - crushed and panned secondary qtz. - gold nil.

id. - SJ-01-06-90-#3 - Long Lead (Am. Jack) - Shear - lots of cube py - beside where Bill got rust.

Meta - mafic volcanic - mostly chlorite some granular qtz. and calcite - abundant cube py - roasted and panned - 10 - 12 colours of gold (small).

id. - SJ-01-06-90-#6 - Long Lead (Am. Jack) - Rock from shear - py - calcite - 15' S. of pit #13.

Very granitic - mostly feldspar - considerable brassy weathered biotite - some qtz. and calcite - sparse py.

id. - SJ-01-06-90-#2 - Same as #1 - 75' N.

Rock gabbroic - pyrrh - py - chalco - qtz. glassy and rusty - crushed and panned - one small colour of gold.

Sample id. - SJ-01-06-90-#4 - shear - cube py - calcite - pit #15.

Meta - gabbroic rock - considerable chlorite - abundant py - calcite - granular qtz. - crushed and panned qtz. - calcite - gold nil - tested for Ni nil - crushed and roasted cube pyrite - gold nil.

id. - SJ-01-06-90-#5 - Long Lead - (Am. Jack) - rock intruding shear (felsite?) - some cube py - pit 14a.

Rock very granitic - partly (carrying cube pyrite) - feldspar granite porphyry - this porphyry crushed and panned without roasting - gold nil - roasted and panned - 7 or 8 colours of gold.

June 6

id. - SJ-04-06-90-#2 - Qtz. vein - 12" wide in mafic shear - py in qtz. and shear along edges 150' N.W. of #1.

Mineralized qtz. and calcite - rock as above - considerate chlorite and pyrite - roasted and panned 5 or 6 small colours.

June 10
Pit # 15

id. - From blast - rust west side - panned well.

id. - From blast - rust east side - panned well.

id. - Rock from east side - considerable pyrite - gold nil - roasted.

id. - Rock from west side - considerable pyrite - gold 10-12 colours.

id. - Rock from general - considerable pyrite - poor roast - gold 2 colours.

id. - Rock from general - massive pyrite - gold 20 - 30 colours.

June 11

Sample id. - SJ-09-06-90-#12 - vuggy rusty qtz. and shear - crushed and panned - gold nil.

id. - Prepared 3 samples for assay no. 1949 - 50 - 51.

id. - SJ-18-06-90-#1 - GLP road - opposite side of the highway from showing - rusty breccia - rock and rust 200' from end of the road - panned rust - gold nil.

Same as above - crushed and panned rock - gold nil.

id. - SJ-18-06-90-#2 - GLP road opposite side of the highway from showing - breccia - py - chalco - pyrrh - at end of road tests positive for Ni.

id. - SJ-18-06-90-#3 - GLP road - 200' N. of #1 - mineralization - mafic - py - Tests were nil for Ni.

id. - SJ-18-06-90-#4 - 100' N. of #2 - Tests were positive for Ni.

id. - 18-06-90-#2 - opoosite side of road from road showing - Breccia - py - chalco - pyrrh - at end of road.

Reacts for Ni - send in for Pt.

id. - SJ-22-06-90-#1 - GLP road - opposite side of Road showing - uphill 100' fron end of road - Breccia - py - chalco - pyrrh - assayed for Pt. - reacts for Ni.

id. - SJ-25-06-90-#3 - Long Lead - chlorite rich shear - pit #16.

Roasted and panned - gold nil.

id. - SJ-25-06-90-#2 - Same as #1 - Not as much calcite.

Roasted and panned - gold 3 or 4 small colours.

id. - SJ-25-06-90-#1 - Long Lead - pit #15 - E. side of trench.

Heavy py - roasted and panned - gold nil.

July 8

id. - SJ-06-07-90-#4 - (Hilltop) - 200 yards S. - S.E. of claim past - 1053132 #1 - Heavily catb - felsite - minor py and chalco.

Roasted and panned - gold nil.

Sample id. - SJ-06-07-90-#3 - rust from around #2

Panned - Gold nil.

id. - SJ-06-07-90 - Massive rust - impregnated with pyrite.

Crushed and panned - Gold nil.

July 13

id. - SJ-09-07-90-#2 - 38 Road - similar to #1 - 100 yards down the road.

Roasted and panned - Gold nil.

Bury Lake

id. - SJ-11-07-90-#1 - Bury Lake - old trenches - py - chalco - pyrrh.

Very siliceous - considerable magnetite - tested for Ni. - nil.

id. - SJ-11-07-90-#3 - Bury Lake - Same - Trench 4 - Tested for Ni - nil - panned for gold - heavily oxidized material - gold nil.

id. - SJ-11-07-90-#5 - Bury Lake - Same - Trench #5 - Ni nil.

id. - SJ-11-07-90-#6 - Bury Lake - Same - 1 mile down shore.

Tested for Ni. - nil - panned for gold - nil.

id. - SJ-13-07-90-#3 - S.E. corner of mile L. pyrrh - chalco - minor py in old trenches - gabbro.

Tested for Ni - reacted very well.

id. - SJ-13-07-90-#1 - Larson Bay - S.W. of patented claim on Bruce - Pt. - Qtz. - carb veins in mafic shear sparse sulphides - took rock and rust.

Panned rust - gold nil - crushed and panned qtz. - carb. - gold nil.

id. - SJ-13-07-90-#2 - Larson Bay - 100' S.W. of #1 Qtz. in shear.

Panned rust - gold nil - crushed and panned qtz. - gold nil.

July 31

Sample id. - West Hawk Lake - Pit - Panned rust - Gold nil.

id. - West Hawk Lake - Second rust - panned - Gold nil.

id. - West Hawk Lake - Pyrite from pit - roasted and panned - Gold nil.

id. - West Hawk Lake - vuggy rusty material - E. of creek panned - Gold nil.

id. - Gundy Rd. - Garnet iforous schist - panned - excellent concentration of garnets.

id. - Pike - SJ-02-08-90-#3 - claim 1133342 - last years pits - sample #1955.

id. - Pike - SJ-02-08-90-#5 - Sample #1956 - very sparse pyh. - cu.

id. - Trap Lake - SJ-06-08-900#3 - Same as #1 - 500' N. - N.E. - Gabbro - sparse cu - pyrrh - chalco - reacts for Ni - sent to Bondar Clegg - Sample #1961.

Nabish Lake Pluton

id. - SJ-17-08-90 - Pit #1 - Gabbro - pyrrh. - chalco - reacts for Ni - Sent to Bondar Clegg - Sample #1961.

id. - SJ-17-08-90 - Pit #2 - Same above - Sent to Bondar Clegg - Sample #1962.

id. - SJ-17-08-90 - Pit #3 - same as above - sent to Bondar Clegg - #1963.

Hilltop Showing - Aug. 22-23

Blasted halfway down hill to creek - qtz. vein - abundant pyrite - 1st bag of rust panned - 8 - 10 colours of coarse gold - one exceptionally large.

Second bag of rust - panned same as above.

Vuggy - rusted out qtz. panned - 7 or 8 coarse colours.

Mineralized wall - crushed, roasted and panned - 2 small colours.

Aug. 29 - Roasted and panned qtz. with considerable pyrite - gold nil.

Sept. 10 - Went to Hilltop got some beautiful VG - brought some rock.

Sept. 11 - Roasted and panned material from yesterday meta - andesite - considerable pyrite. 3 roasts - all panned - 2 bags of rusty dirt - panned - heavy gold - panned two samples without roasting - one panned out.

Sept. 11 - Roasted and panned material from last years pit - siliceous - py - considerable chalco. - 7 or 8 colours some coarse.

Oct. 13 - Cobbs Bay - Qtz. tour. - string in qtz. - Porphyry - pans without roasting.

Oct. 13 - Same as above - roasted - pans well.

Oct. 13 - Qtz. porphyry - mineralized pyrite - roasted and panned - pans gold well - 3 samples sent to Warnock Hersey - Sample #1966 - 67 - 68.

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: June 4, 1990
P.O. No: _____
Project No: _____

RECEIVED ON June 1, 1990 FROM J R J Explorations

ASSAY OF 3 SAMPLE(S) Rocks

Attention: Page 1 of 1

Laboratory Number	Marks on Sample	Gold oz/ton						
L - 16271	1946	0.075	QJ					
L - 15272	1947	0.090	SJ	05-90-2				
L - 15273	1948	0.060	SJ	03-05-90		3		

Warnock Hersey Professional Services Ltd. per _____
ASSoz

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: October 18, 1990
P.O. No: _____
Project No: _____

RECEIVED ON October 15, 1990 **FROM** JRJ Explorations

ASSAY OF 3 SAMPLE(S) Rocks

Attention:

Laboratory Number	Marks on Sample	Au oz/ton						
L - 36972	1966	0.110						
L - 36973	1967	0.020						
L - 36974	1968	0.085						

Warnock Hersey Professional Services Ltd. per _____
ASSoz

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: October 5, 1990
P.O. No: _____
Project No: _____

RECEIVED ON October 2, 1990 **FROM** JRJ Explorations

ASSAY OF 2 SAMPLE(S) Rocks

Attention:

Laboratory Number	Marks on Sample	Pt	Pd	Cu	Ni	Co		
		ppb	ppb	%	%	%		
L - 35067	1964	< 30	60	0.125	0.070	0.010		
L - 35068	1965	< 30	90	0.140	0.090	0.010		

< - less than

Warnock Hersey Professional Services Ltd. per _____
ASSoz

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
(613) 749-[redacted] Telex 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 090-42488.0 (COMPLETE)

REFERENCE INFO:

CLIENT: JRJ EXPLORATIONS LTD.
PROJECT: NONE

SUBMITTED BY: STAN JOHNSON
DATE PRINTED: 14-SEP-90

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ni	Nickel	3	2 PPM	HCL-HNO3, (3:1)	Atomic Absorption
2	Cu	Copper	3	1 PPM	HCL-HNO3, (3:1)	Atomic Absorption
3	Rh	Rhodium	3	2 PPB	AQUA REGIA	FireAssay/DC Plasma
4	Pd	Palladium	3	1 PPB	AQUA REGIA	FireAssay/DC Plasma
5	Pt	Platinum	3	5 PPB	AQUA REGIA	FireAssay/DC Plasma
6	Au	Gold	3	1 PPB	AQUA REGIA	FireAssay/DC Plasma

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	3	-200	3	Crush,Pulverize -200	3

REPORT COPIES TO: MR. STAN JOHNSON

INVOICE TO: MR. STAN JOHNSON

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
(613) 74[redacted]0 Telex 053-3233

BONDAR-CLEGG

Geochemical Lab Report

DATE PRINTED: 14-SEP-90

REPORT: 090-42488.0

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Rh PPB	Pd PPB	Pt PPB	Au PPB
1961		708	2209	<5	200	35	24
1962		922	2129	<5	181	33	9
1963		815	2079	<5	174	34	15

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: June 27, 1990
P.O. No: _____
Project No: _____

RECEIVED ON June 26, 1990 FROM J R J Explorations

ASSAY OF 2 SAMPLE(S) Rocks

Attention:

Laboratory Number	Marks on Sample	Platinum PPB						
L - 19418	1952	NIL						
L - 19419	1953	NIL						

Warnock Hersey Professional Services Ltd. per B. Power

ASSoz

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: July 8, 1990
P.O. No: _____
Project No: _____

RECEIVED ON July 4, 1990 FROM JRJ Explorations

ASSAY OF 1 SAMPLE(S) Rock

Attention:

Laboratory Number	Marks on Sample	Pt %	Pd %	Ni %				
L - 20359	1954	NIL	NIL	0.009				

Warnock Hersey Professional Services Ltd. per _____
ASSoz

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: May 23, 1990
P.O. No:
Project No:

RECEIVED ON May 22, 1990 FROM J R J Explorations

ASSAY OF 3 SAMPLE(S) Rocks

Attention:

Laboratory Number	Marks on Sample	Gold oz/ton						
L - 15144	1943	0.20						
L - 15145	1944	0.005						
L - 15146	1945	0.005						

Warnock Hersey Professional Services Ltd. per

ASSoz

Warnock Hersey Professional Services Ltd.
1154 Sanford St. Winnipeg Manitoba R3E 2Z9
Tel: (204) 786-7546 Fax: (204) 783-6437

Report Date: June 18, 1990
P.O. No: _____
Project No: _____

RECEIVED ON June 13, 1990 FROM J R J Explorations

ASSAY OF 3 SAMPLE(S) Rocks

Attention:

Laboratory Number	Marks on Sample	Gold oz/ton	Silver oz/ton					
L - 18148	1949	0.040	TRACE					
L - 18149	1950	0.005	TRACE					
L - 18150	1951	0.005	TRACE					

Warnock Hersey Professional Services Ltd. per _____
ASSoz

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
(613) 749-2220 Telex 053-3233

BONDAR-CLEGG

Geochemical Lab Report

DATE PRINTED: 5-SEP-90

REPORT: 090-42415.0

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Rh PPB	Pd PPB	Pt PPB	Au PPB
1958		596	6780	<5	24	<5	21
1959		1069	3480	<5	79	23	38
1960		841	2190	<5	16	24	17

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
(613) 749-2220 Telex 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 090-42415.0 (COMPLETE)

REFERENCE INFO:

CLIENT: JRJ EXPLORATIONS LTD.
PROJECT: NONE

SUBMITTED BY: S. JOHNSON
DATE PRINTED: 5-SEP-90

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
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