Geochem #1. Base of scree from reddish diorite - Aug. 21. silt in dir. of 100°.

Aug 22: soil contour.

#2. B. 0+00 light brn, sandy

#3. 200 paces " "

300 paces. Silt #B4 at seepage.

- mucky clay.

#B5 400 paces. light brn. clayey

466. Silt #B6 spring

500. " #7 "

590. carbonate pebble. small out.

600. #8 soil. lt. greenish grey clay, below reddish brn. clay.

635. silt #9. calk from clay.

800 soil #10 silty. lt gy brn.

1000. " #11 " " "

1097. silt #12. spring.
1200 soil #13. lt gy brn.
1400 " #14 " " "
1427. silt #15 creek.
1505. " #16 large creek
1600. soil #17. lt. brn
1669. silt. #18
1800 soil #19. lt. gy brn
1939. line CL-E 43+00 N.
2000. soil 20. lt brn.
2200 " #21 " "
2260. schist rubbles
2405. soil #22. lt gy silty.
2425. silt. #23. creek.
2515. line CLE 54+00 N.
2450+2540 - Gran. rubble bds
2600: soil 24. lt. brn. silty.
2800: " #25 " gy brn. "
silt 26. muddy muck: Seepage

3000 paces. Soil ~~#~~ 27 lt. brn. silty

3120. line C.L.G 70+00 N.

3200 soil. ~~#~~ 28

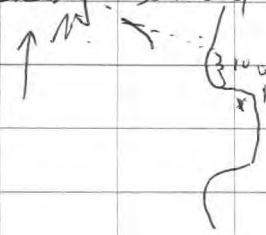
silt ~~#~~ 29. large creek.

3320. lake edge.

3400 paces on 100° + 100 paces on 190°

for soil ~~#~~ 30 lt. orange brn.

sandy. likely in beach sand.

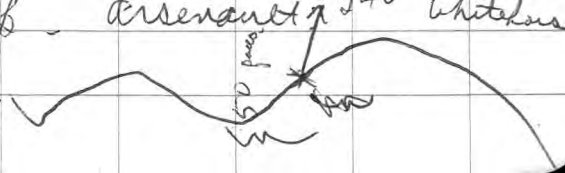


Post # 4.

Post # 3. 20' to no 3.

July 30. 1970.

B. arsenault 240° whitehorse



31.

Rod ~~ft~~ at Post 3.

about 70 paces from Lake on 240.

from 3 proceed at 214° to road.

243 to road.

430 paces west to line G. 30 rods N.

K. Williams

Aug. 23. Pine Lake

Geochem contour 2.
south side of Swift River,
from 54+00 on line B, in
direction 124°.
0 paces. Soil; # 32. (90,032).
light gy-brn.
200. Soil. 33. salty, in till
223. Silt. 34 spring.
400. Soil. 35. lt brn
580. Line C. 53+00
Soil. 36. orange-brn.
780. Soil. 37 in till.
913. Silt. 38 muddy. Creek.
1085. Soil 39. lt. brn. in till
1180. Soil 40. " "
1200 Line D. 54+00 S.

(90,041)
1338. Silt. Hi. Creek.
1380. Soil. 42.
1580. Soil. 43.
1760. Line E. 51+00 S
(should be ~ 1800)
Sample - Soil, 44 at line E.
(1760) - black, organic?
1810 - grey schist rubble,
1925 - silt. 45. creek. muddy.
1960 - soil. 46. med. gy.
2160 - soil, 47
2405 - soil 48. in till.
2416 - line F.
2457 - creek, silt, 49: muck.
2615 - Soil 50. lt. brn.
2665. - Silt. 51. mucky. Creek.
- qtz schist rubble.

2815 - Soil. 52. (90, 052) red brn.
- Outcrop? of qtzose, mdgy schist. 095° - 85° S.
2995 - Line G. 50 + 00 S.
- Soil. 53. lt. brn.
3200 - Soil. 54. lt. brn.
3400 - Soil. 55 lt. gy-brn.
3433 - Silt. 56. seep.
3450 - Silt 57. creek, just below.
3608 - Soil. 58. lt. brn.
3810 - Soil. 59. med-gy brn.
4010. - Soil. 60. reddish brn.
4190 - Line J 46 + 00 S.
4175 - Soil. 61 - light brn.

Aug. 24. Pine Lake

Geochem Traverse 3.

on south side Swift River

Line H. 90+00 SE.

62. Soil+(66.5) SE. creek

63. Silt (71.5) S. E. "

64. Soil. 90+00 SW on line H.

-0 paces. - reddish brn.

200. 90,065. Soil - lt. brn.

405. 66. Soil red-brn

4035. 67. Silt. SE.

650. 68. Soil. med gy, in till.

800. 69. Soil. med gy brn.

820. 70 Silt. N.W. creek.

1000. 71. soil. lt brn-red.

1260. 72. Soil " "

1400. 73. Soil lt brn. in till.

1600. 74. soil. med. gy brn.

1700. outcrop? schist.

1705. 75. cut. creek SE.

1855. # 90,076. soil. lt. brn.
2000. # 77. soil. med. gy.
2040. 78. silt. creek N.
2050. Line CLE. 84+00SW
2180. silt. #79. creek NE.
2200. soil. 80. lt. gy brn.
2400. 81. soil, " " "
2555. Line CL-D 87+00SW
2600. 82. soil - lt. gy brn.
2740 #83. silt - creek NE.
2810; #84. soil. dark grey mud.
3000 85 soil. lt gy in till
3200 #86 soil. lt gy in till
3270. Line CL-C 86-00SW
3340. #87 silt. creek NE.
3400. 88 soil. lt brn.
3600. #89. soil. lt gy brn.
3800. #90. soil " " "
3908. Line CL B 89+00 SW

3940 #91. Silt - Cargo Creek NE
- outcrops green chloritic
schist. 085°-26° S.
~~8~~ 4000. 92 Soil. lt Grn.
~~8600~~. 93 Soil. med gy brn.
4200

4400 #94 Soil lt. brn.
4513. ~~#~~ 95. Soil " "
" Line A 93+00 SW.
on line A, 46 - Creek.
" - Silt # 96. Cargo Creek

Assume lines are wrong, 200
paces is same + = 924 ft,
only direction changed.

Aug. 25. Pine Lake

Geochem traverse 4,
on north side of Swift River,
from Line B 0+00 in direction
304°

#97. at 200 paces. lt. gy-brn soil
400 paces #90,098. soil. lt gy.
600. #99. soil. lt gy-brn. humus.
720 paces. outcrop. gtzite?
planes of 095°/78° N.
800. #100 silt. large creek SW.
830. #101. soil. brnish red.
1000. #102. soil. lt. gy.
1200. #103. soil lt gy-brn.
1400. #104. soil. lt. brn.
1600. #105. silt. creek SW.
#106. soil. orange brn. sandy
1800. #107. soil lt. brn red.
#108. silt. creek S.

Aug. 25. Traverse 4.

1840. #109. Silt. spring SW.
1870. #110. Silt. creek S.
1965. #111. Silt. spring SW.
2000. #112. Soil [illegible]
2020. #113. Silt. [illegible] creek S.
2075. #114. Silt [illegible] S.
2200. [illegible]
~~2340~~ [illegible]
2400 #116 [illegible]
2415. #117. Silt [illegible] creek S.
2550. #118. Silt [illegible] creek S
2600. #119 [illegible]
2765. #120 [illegible] SW
2800. 121 [illegible]
2990. 122. [illegible] S
3050. 123 [illegible]
3075. 124 [illegible] S

Aug. 2

3200 ± 9

3400 -

3500 ± 127. soil

3800 ± 129. soil

SE.

S.

+1275 paces down to Swift River

200 paces = 1,094.2 ft.
except min beginning of
traverse.

Aug. 26 Pine Lake

Geochem traverse 5, on north side of Lucifer Lake, along road, starting at Line J, every 1000 ft.

#130. 1000 ft. east of Line J. brown-red, in till

131. Line J 33+00. lt brn, in till

132 lt brn in till

133. yellow brn, sand.

134. Line H. " " "

135. " " "

136. lt. brn. sand.

137. (only 600) : Hgy, on sand line G. 30+00 N. yell. brn. sand.

138. just W of creek.

139. lt. brown.

140. Line F. red brn (1600)

141. yell. sand.

142. red brn. sand.
143. Line E. (1200)
red brn in sand
144. yell brn in till.
145. " " sand.
146. (800) Line A
orange brn in sand
147. orange brn in gravel
148. yell. brn in gravel.
149. Line C.
yell. brn. in till

#150 → 154 are silts from
North side of Line A.

Aug 21/73 — Geology on Boswell Mountain
N.E. section

Air photo: A17431-43 Scale 1" = mile

(1) S/c. st. — M gray weath & fresh
— m gr. — bio < 10% — minor aplite
stringers & c g K feld clusters

(2) N phyllites: N40°E/35°

(3) N25°E/35° — M

Lost — [illegible]
and a few [illegible]

N75°E/75°N — phyllite [illegible]
[illegible] — [illegible]
[illegible]
[illegible]

105 B 3

	Z drags - plunging	N53°W/25°N.	good attitude	2" to 4" wide
further down section	~	~	same	
		N50°W/73°S		
(4)	across stream cut - dolomitic cliff			
dolomitic to ~ 14	- dk. grey - massive - fetid - blebs of white marble (or dolomite)			
	small fault	N 09°E/82°W. - dolomite marble		fetid
	+ breccia	+ veins		
4 drags (5)	S dog folds - plunging	N65°W/34°S	good attitude	
	- banded dol. as in (3)			
	bedding -	N55°W/±90°		

Aug 23/75

Aug 24/70

(9) att N55°W/80°S - chlorite schist

(10) N45°W/55°S - recrystallized - scattered qtz augen.
f.g. qtz-sericite-schist

(11) climax p/c (?) - chl schist and cgl. bed 3' wide

(12) wash Le, marine - attitude N35°E/70N (??).

(13) specimens

N17°W

also - pyrite ore with wall bearing
cgl zone

Nov 25/10

(16) att of fol N 75° W / 6505
de clients achat
r gte-ur- mise - ste achat 2 jrs
ex cultur gte ur- r stance
fol to fol - - - -

(17) Le - - - de (illegible)
N 70° W - 25

(18) att fol N 70° W / 6905
gte - ur- loc - gue - - - -
relation - vente - te pg p2 min

(19) - - att N 65° W / 6505.
< mar - gue - - Tetagle