

RICHARDSON HEAD
MAY 17, 82 D.H.

BEARING 1900

840941
Richardson
Head
1982

RH-02-1 - DIORITE
W CAL U. WEP
ROCK W FAULT TRACES RUNNING
1420 M EP IN U IN
FAULT TR

RH-02-2 - A HOR. , BLACK
HUMUS W SAND +
SOIL SM ROCK FRAG.

3 - BLACK ORG. MUCK
SOIL

4 - MED BR SANDY
SILT STREAM SILT
DISTANCE 65 M
FROM SHORE

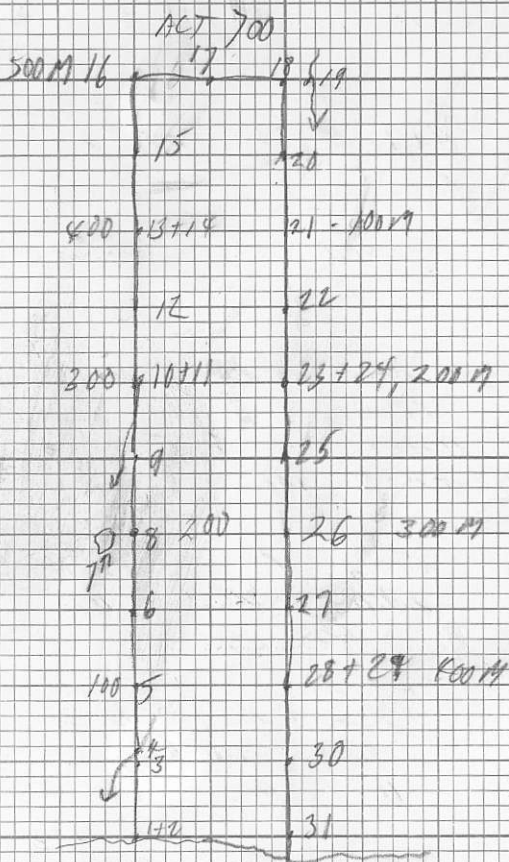
5 - MED BR, W RUST
SANDY SILT SOIL
100M B HOR.

6 - MED BR, M RUST
SILTY, SANDY SOIL
130M B-C HOR.

7 - DIORITE. BLACK
200M CRYSTAL MAT - UP TO 1MM
ROCK W RUST, W CAL U.

8 - MED BR, W RUST
SANDY SOIL B HOR.

RICHARDSON HEAD MAR 17, 82
D.H.



9. - VERY RUSTY B HOR.
SILTY SANDY SOIL
750M

10. - STREAM SILT, MED
BR SANDY
300M
SILT

11. - RUSTY SANDY SILTY
B HOR.
SOIL
300M

12. DK BROWN, W RUST
SANDY SOIL, 20% ORG.
A + B H OR
350M

13. DK BR M, RUST
SANDY SOIL, 20% ORG
A + B
400M

14. DARK DIORITE, W-M
CL, M RUST, COARSE
QUARTZ
400M
ROCK

15. DK OR, W RUST,
STONY SOIL, 30% ORG.
A TO C HOR
450M
SOIL

16. DK - MED - BR SILTY
ORG SOIL - 30% ORG
W RUST
500M
SOIL

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DURABLE WATERPROOF

METRIC
FIELD (S)

MAY 17, 82. RICHARDSON HILL

D. H.

BEARING 280° - 100 M

17 - SOIL - DK-MED BR
50M SANDY SILT SOIL
280° 20% ORG, 20% CLAY

18 - SOIL - DK STONY SOIL
100M 50% ORG., SANDY
280°

19 - ROCK - DIORITE, MOD. LIGHT
100M COLOURED, MOD COARSE,
280° W RUST - W CA

DOWNHILL - BEARING 10°

20 - M RUSTY SANDY, STONY
50M SOIL, B. HOR.
SOIL

21 - DK-BR + MED BR
100M SOIL, W RUST, SANDY
SOIL A+B HOR - 20% ORG.

22 - LIGHT - MED BR SILTY
150M CLAY, M RUST
SOIL

23 - VERY RUSTY SANDY
200M B HOR.
SOIL

24 - DIORITE, COARSE
200M FAIRLY PURE W CA, W CL
ROCK

- 25 VERY RUSTY SILTY
250 M
SOIL
B HOR
- 26 VERY RUSTY SILTY,
300 M
SOIL SANDY B HOR.
- 27 BLACK ORG
350 M
SOIL MUCK
28. STONY, RUSTY, SANDY
400 M
SOIL B HOR
- 29 DIORITE, W CAL,
400 M
ROCK W-M CL, COARSE
W DISS PY, M RUST
- 30 DARK RUSTY B
450 M
SOIL HOR, WITH 20%
ORG. - SILTY
- 31 M BR, STONY, SANDY
500 M
SOIL, 20% ORG.
B+C HOR, W RUST

MAY 18, 82 D. 112

RICHARDSON HEAD

RH-02-3270

BEARING 190°

32 BLACK, STONY. A HOR.
SHORE 60% ORG, 30% SAND
SOIL 10% STONE

33 DIORITE, M CAU, M CC + EP
SHORE IN V, W RUST, W K
ROCK FELDSPAR, VERY FRAC
FAULT TRACES 1/200 - NARROW - 4cm
W HEM.

34 BLACK ORG HUMUS
SOIL

35 RUSTY SANDY B HOR,
100M M RUST,
SOIL

36 MED BR SANDY,
150M SILT SAIC, W
SOIL RUST - B HOR

37 LIGHT BR, M RUSTY
200M SANDY SILTY, B
SOIL HOR

38 DIORITE, W RUST,
200M COARSE, FRAC.
ROCK W HEM.

30
SOIL
250M
VERY RUSTY, SANDY,
STONY, B HOR.

40
SOIL
300M
VERY RUSTY, SANDY,
SOIL B HOR,
SOME ORG.

41
SOIL
350M
PK BR STONY
SANDY ORG A HOR.

42
SOIL
400M
OK BR STONY
SANDY ORG B HOR

43
ROCK
400M
QUARTZ COARSE,
PALE GR, W CC,
W RUST, W OSS PY.

44
SOIL
450M
VERY RUSTY, SANDY
B HOR.

45
SOIL
500M
OK BR ORG, SANDY
A HOR

BEARING 280° FOR 100 M

46, SOIL
50M
- M RUSTY, SANDY,
B, HOR.

MAY 18, 82 RICHARDSON MEND
DH. PH-02-3270

47 MED BR, SANDY, ORG
SOIL A+B HOR
100M

48 DIORITE, W RUST,
ROCK COARSE, W RECY
100M

49 STREAM SILT, MED
SILT BR - SANDY.
100M

BEARING 10°

50 MED BR SKTY SOIL,
SOIL 20% ORG, W RUST
SOIL

51 MED BR SANDY SILT
SOIL SOIL, 20% ORG,
100M A+B HOR

52 DK BLACK + GRAY
SOIL STONY ORG MUCK
150M A HOR

53 DIORITE, WCC, W RUST
ROCK W DISS PY
200M

54 MED BR - RUSTY
SOIL STONY SILT SOIL
100M B-C HOR

55 DK RUSTY STONY
250M SANDY B HOR
SOIL

56 VERY RUSTY, SANDY
300M SILT SOIL
SOIL B HOR.

57A+B SOIL - DUPLICATE
350M VERY RUSTY STONY
SOIL SANDY B HOR

58 BLACK - GREY DRG
SOIL SANDY SOIL A - C
400M HOR

59 DIORITE, W CAU
ROCK COARSE, W RUST
100M

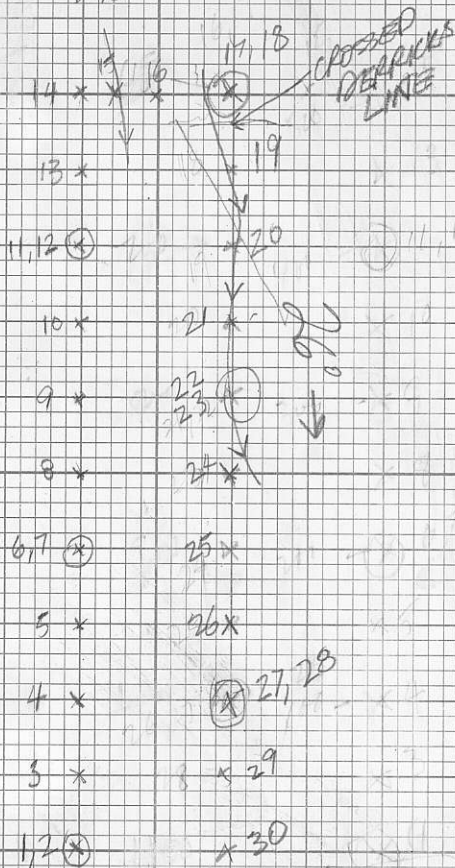
MAY 17, 82

RICHARDSON

- HEAD -

G. THOMPSON

296° →



206° ↑

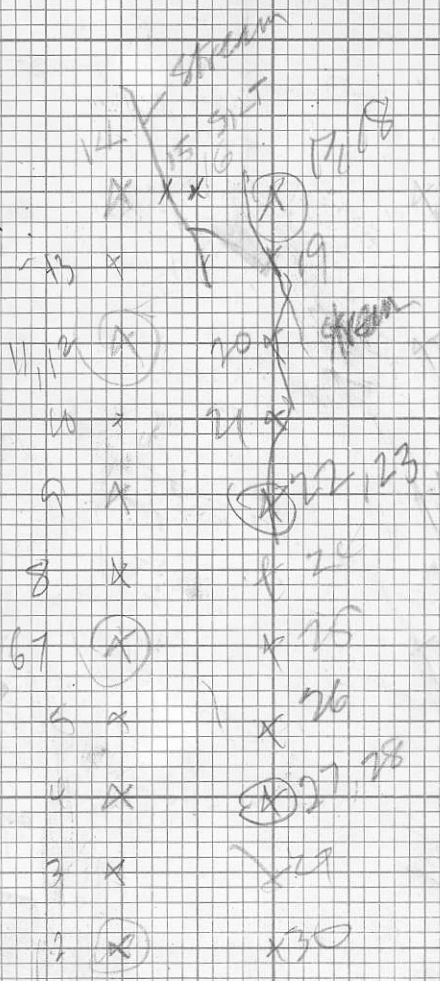
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sample

1	100	0ft	biomite
2	0	0ft	black soil
3	50	25ft	b. soil
4	100	50ft	sandy soil
5	150	120ft	b. soil + organic
6	200	160ft	biomite
7	200	200ft	b. soil surface
8	250	250ft	light brown soil
9	290	320ft	sandy
10	370	460ft	black soil
11	400	530	black soil
12	410	580	claylike
13	450	500	med brown
14	500	840	organic + d. brown soil
15	530	890	SILT SAMPLE
16	750	760	b. soil + organic
17	600m	760ft	med brown soil Chorizon
18	620m	760ft	claylike float
19	650m	640ft	SILT SAMPLE
20	700m	550ft	gravel + med brown soil
21	750m	480ft	gravel + cream SILT

RICHARDSON
ROAD

(DUPLICATE)
MAP



- | | | | |
|----|-------|-------|-------------------------------------------------|
| 22 | 800m | 330ft | med brown soil +
sand + some
direct float |
| 23 | 850m | 330ft | direct float |
| 24 | 850m | 290ft | dark brown soil
A horizon |
| 25 | 900m | 160ft | dark brown
soil horizon |
| 26 | 950m | 100ft | med brown soil |
| 27 | 1000m | 60ft | direct float |
| 28 | 1000m | 50ft | dk brown soil
+ organic. |
| 29 | 1050m | 30ft | dk brown soil
+ organic. |
| 30 | 1100m | 0ft | dk brown soil
+ organic. |

- | | | | |
|-----|------|-------|--------------------------------------------------|
| 1A | 0ft | 0ft | diomite |
| 2A | 0ft | 0ft | dark brown soil
A horizon |
| 3A | 50m | 80ft | med brown soil
horizon? |
| 4A | 100m | 100ft | med brown soil
sandy, Ch horizon? |
| 5A | 150m | 100ft | dark brown soil
A horizon
out crop |
| 6A | 200m | 200ft | quartz diomite |
| 7A | 200m | 200ft | med brown soil
rust B horizon? |
| 8A | 250m | 300ft | surface
dark brown soil
A horizon |
| 9A | 300m | 400ft | med brown soil
Ch horizon |
| 10A | 350 | 400ft | med brown soil
Ch horizon sandy |
| 11A | 400 | 540ft | med brown
Ch horizon |
| 12A | 400 | 540ft | quartz diomite
diomite
out crop |

13A 450 140 dark brown soil
A horizon

14A 500 600ft rust colored
soil horizon?

- down 280° at 550m !! -

15A 50m 380ft dark brown
soil A horizon

16A/B 50m 200ft STREAM SILT

17A 50m 10° now !!! -

17A 50m 220ft med brown
fine grain soil
horizon?

18A 50m 220ft Quartz Granite
float

19A 50m 180ft dark brown soil
A horizon

20A 150m 100ft dark brown
soil + organic

- | | | | |
|-----|------|------|-------------------------------------------|
| 21A | 200m | 40ft | dark brown soil
+ organic |
| 22A | 250m | 40ft | d. brown soil |
| 23A | 250 | 40ft | Gravly white
flint |
| 24A | 300 | 40ft | black soil
soil & horizon
+ organic |
| 25A | 350 | 40ft | Red soil
white speckles
at base. |

May 17. Ah Hoff.

- | | | |
|----|-----------------------------------------|----|
| 1 | Very Sandy + Rock Sample | BR |
| 2 | Sandy - Some Gravel. | BR |
| 3 | " - " " | BR |
| 4 | Sandy - Dark Brown. | |
| 5 | Sandy - Gravel - Rust | BR |
| 6 | Dark Brown - | |
| 7 | Light Brown - Gravel - Rust | |
| 8 | Light Brown - Organic. | |
| 9 | Very Gravelly - Sand + Rock Sample | |
| 10 | Brown - Rusty - Sand + Rock | |
| 11 | Coarse - Rocky - little Silt | |
| 12 | Dark Black - little Rust - Some Organic | |
| 13 | Dark Br - Gravelly + Rock Sample | |
| 14 | Light Brown - Sandy Rusty. | |
| 15 | Organic - | |
| 16 | Dark Br - Mostly Sand. | |
| 17 | Sandy Gravel | |
| 18 | " " " | BR |
| 19 | " " " | BR |
| 20 | Pr Br. Some Organic | |
| 21 | Pr + little Brown (No Rock Sample) | |
| 22 | Dark Black (Sandy) | |
| 23 | | |
| 24 | | |
| 25 | | |

Richardson Head.

ROCK SAMPLE #'S

DESIGNATED
WITH AN A
AFTER THE
SAMPLE NUMBER.

- RH-A2-1 A
- RH-A2-9 A
- RH-A2-13 A
- RH-A2-21 A



AARON S. MCARTHUR

MAY, 17, 1982

RICHARDSON HEADS.

Soil & Rock Samples.

Soils every 50m - Rock 200m

RH-m2-1 → RH-m2-27

LINES 195° SOUTH

NO. FIELD

NO.	HORIZON	DEPTH	COLOR	SLOPE	METER
1	A	8	BR	S	0x00
2	Rock - Diagonal				0x00
3	B	6	BR	S	0x50
4	B	6	BR	S	1x00
5	B	6	BR	S	1x50
6	B	6	BR	S	2x00
7	Rock Sample Diagonal				2x00
8	B	6	BR		2x50
9	B	6	BR		3x00
10	B	4	BR		3x50
11	B	6	BR		4x00
12	Rock Diagonal				4x00
13	B	8	BR		4x50
14	B	8	BR		5x00
15	A	10	BR		6x00
16	Rock Diagonal				6x00
17	A	10	BR		6x50
18	B	10	BR		7x00
19	A	10	BR		7x50
20	B	8	BR		8x00
21	Rock - Diagonal				8x00
22	B	8	BR		8x50
23	B	8	BR		9x00
24	B	8	BR		9x50
25	Rock. Diagonal				9x50
26	B	8	BR		10x00
27	B	8	BR		10x50

METRIC
FIELD (S)

Soil / Rock

Soil / Rock

● Soil /
X Rock.

5+00

● 11



15 ● X 16

6+00 (5+00)

● 13

● 17

4+00

11 ● X 12

● 18

7+00 (4+00)

● 10

● 19

3+00

● 9

20 ● X 21

8+00 (3+00)

● 8

● 22

2+00

6 ● X 7

● 23

9+00 (2+00)

● 5

24 ● 25

1+00

● 4

● 26

10+00 (1+00)

● 3

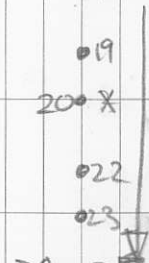
● 27 (10+50)

0+00

1 ● X 2



11+00 (0+00)



Soils

1, 3, 4, 5, 6, 8, 9, 10

11, 13, 14, 15, 17, 18,

19, 20, 22, 23, 24

26, 27Rocks

2, 7, 12, 16, 21, 25

MAY 18/82
A. S. McARTNUR

Soils & Rocks

Soils every 50m

Rock - every 200m

Richardson Head area

Lines 180° South

Soils

28, 30 - 49

Rocks

29, 50

No.	HORIZON	depth	Color	Slope	meter.
28	B	6	BR	m	0+00
29	Rock-Dian				0+00
30	B	6	BR	S	0+50
31	B	6	BR	S	1+00
32	B	6	BR	S	1+50
33	B	6	BR	S	2+00
34	B	6	BR	S	2+50
35	B	8	BR	S	3+00
36	B	6	BR	S	3+50
37	A	10	BL	S	4+00
38	B	4	BR	S	4+50
39	A	8	BR	S	5+00
40	B	8	BR	S	6+00
41	B	6	BR	S	6+50
42	B	10	BR	S	7+00
43	A	6	BR	S	7+50
44	B	4	BR	S	8+00
45	B	4	BR	S	8+50
46	B	6	BR	S	9+00
47	A	10	BR	S	9+50
48	A	10	BR	S	10+00
49	A	10	BR	m	10+50
50	ROCK DIAR				10+50
51	Rock	diar			
52					
53					
54					
55					

Soil/Rock

Soil/Rock

500

39 •

40 •

38 •

41 •

37 •

42 •

36 •

43 •

35 •

44 •

2+50 → 34 •

45 • ← 8+50

33 •

46 •

32 •

47 •

31 •

48 •

30 •

49 • 50

5400e ~~28 • X 29~~

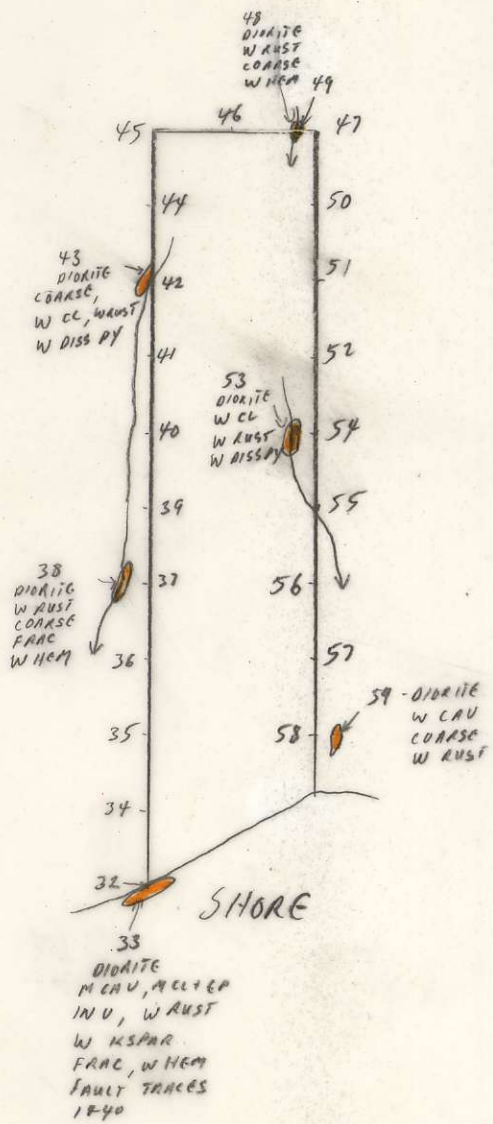
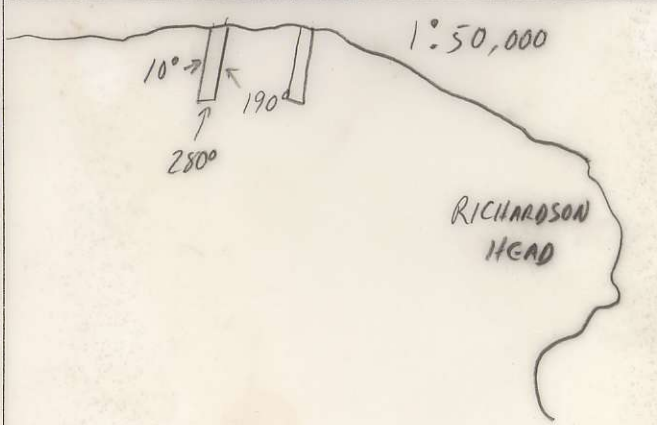
~~51 • 52 •~~ 5400e

BCILL6662-a-CSM
ATTITUDES
(100/40 N)

Project <i>M512</i>	NTS	Scale <i>1:5,000</i>	Page <i>1 of 1</i>	Traverse
Sampler <i>D. HODGGE</i>	Location, Target (words) <i>RICHARDSON HEAD</i>		Sample Nos <i>RH-02-32 TO 59</i>	
Date <i>MAY 18, 82</i>	photo no. <i>BC 5095-126</i>		Cert. Nos	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SHALE
- CHERT
- WATER
- ROCK
- SOIL
- SILT
- SANDSTONE SILTSTONE
- CONGLOMERATE
- VOLCANIC
- SPECIMEN SITE A.B. ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED - - -



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

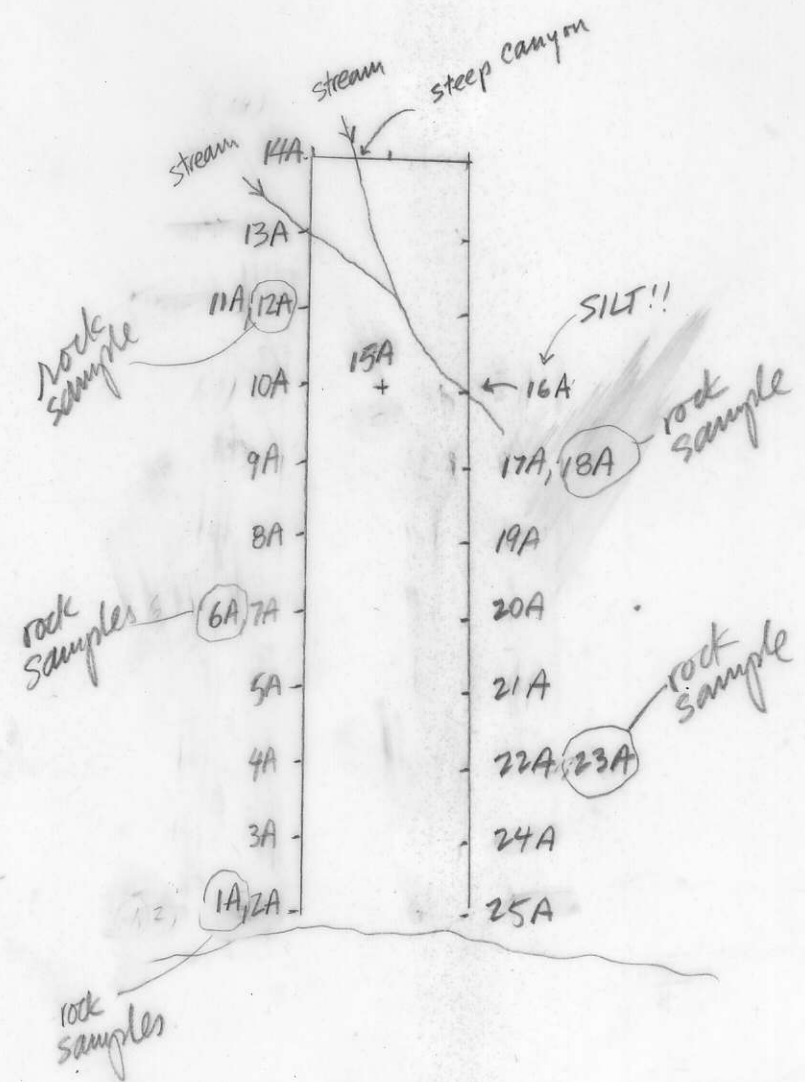
Project M512	NTS	Scale 1:5,000	Page 1 of 1	Traverse
Sampler G. THOMPSON	Location, Target (words) RICHARDSON HEAD		Sample Nos RH-62-1A-25A	
Date MAY 18, 82	photo no. BC 9095-126	Cert. Nos		



NOTE!!
SAMPLE BAGS AND
MAP ARE NUMBERED
1A-25A YET!! THE
FLAGS ON THE LINE
ARE NUMBERED 1-25

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL
- SHALE
- CHERT
- VOLCANIC
- CONGLOMERATE
- SANDSTONE SILTSTONE
- DO NOT WRITE ON OTHER SIDE OR USE COLOURS
- SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
- WATER O
- PAN Δ
- ROCK ■
- ROCK ▲
- WATER O

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED.....



GEOCHEM: Cu Mo Pb Zn U W
ASSAY:

SAMPLE #'S RH-A2-1 - RH-A2-22

↑
206° SOUTH

SOIL EVERY 50 METERS
ROCK SAMPLE EVERY 200

ROCK SAMPLES
DESIGNATED WITH AN
A AFTER NUMBER.

