SM

DATE	PROJECT	TRAV #	NTS #	CLAIM	LOCATION	SAMPLE #
10-May-88						
11-May-88						
12-May-88						
13-May-88						
14-May-88						
15-May-88						
16-May-88	M577	F			Vancouver → Bralorne	
17-May-88	"	SM-1	92J/15	WAYSIDE	Bralorne - Checking W. Trenches	
18-May-88	"	F	"	"	Bralorne office	
19-May-88	"	SM-2	"	"	laying out trenches / Two Bob zone	
20-May-88	"	SM-3	"	"	trenching started / Two Bob zone	
21-May-88	"	SM-4	"	"	Two Bob zone / trenches	
22-May-88	"	SM-5	"	"	Two Bob zone / trenches / office	
23-May-88	"	SM-6	"	"	Trenches - Two Bob -	
24-May-88	"	F	"	"	office - trenches / 100H planning	
25-May-88	"	F	"	"	To Lillooet - VLF pick up	
26-May-88	"	SM-7	"	"	Trench T-40	SM8W-1+2
27-May-88	"	SM-8	"	"	Two Bob - trenches / Meadowbrook report	
28-May-88	"	SM-9	"	"	Paxton trenches - T-41	SM8W-3+07
29-May-88	"	SM-10	"	"	T-42 + T-43	SM8W-8 to 11
30-May-88	"	SM-11	"	"	T-42 + T-43	SM8W-12 to 22
31-May-88	"	SM-12	"	"	T-44 + Two Bob trenches T-45	SM8W-23 to 46
01-Jun-88	"	SM-13	"	"	T-46 + T-47 / 1 to Lillooet	SM8W-47 to 58
02-Jun-88	"	SM-14	"	"	pick up old trenches - reexcavate	SM8W-59 to 67
03-Jun-88	"	SM-15	"	"	U/G Level 5	SM8W-68 to 75
04-Jun-88	"	SM-16	"	"	~~office~~ U/G level 5	SM8W-76 to 84
05-Jun-88	"	F	"	"	office	—
06-Jun-88	"	SM-17	"	"	U/G level 5	SM8W-85 to 102
07-Jun-88	"	SM-18	"	"	U/G 5, 4, 4W, 2M, commodore	SM8W-103 to 111
08-Jun-88	"	SM-19	"	"	U/G - 2M + 3	SM8W-112 to 120
09-Jun-88	"	SM-20	"	"	U/G Paxton No. 0	SM8W-121 to 132
10-Jun-88	"	F	—	—	Bralorne office	—
11-Jun-88	"	F	—	—	"	—
12-Jun-88	"	F	—	—	"	—
13-Jun-88	"	—	—	—	Bralorne → Vancouver	—
14-Jun-88	"	—			" "	—
15-Jun-88	"	—			" "	—
16-Jun-88	—	—			OFF	—
17-Jun-88	—	—			THIRD FRI - OFF	—
18-Jun-88	A440				Montana - course	—
19-Jun-88	"				"	—
20-Jun-88	"				"	—
21-Jun-88	"				"	—
22-Jun-88	"				"	—
23-Jun-88	"				"	—
24-Jun-88	"				"	—
25-Jun-88	"				"	—
26-Jun-88	—	—			DAY OFF	—
27-Jun-88	M577				Van. office	—
28-Jun-88	"				" "	—
29-Jun-88	"				" "	—
30-Jun-88	"	F		WAYSIDE	Vancouver → Bralorne	
01-Jul-88	"	SM-21	92J/15NE	"	culverts / field office	

SM
M577
Field Notes
1988

840515

SM

TRAV INDEX

DATE	PROJECT	TRAV #	NTS #	CLAIM	LOCATION	SAMPLE #
02-Jul-88	M577	SM-22		WAYSIDE	TOUR OF PROPERTY W RAGNAR	
03-Jul-88	"	F			-GEOLOG TRAINING IN CAMP	
04-Jul-88	"	SM-23		(88-9)	DRILL ON SITE - Geologist [illegible]	
05-Jul-88	"	SM-		"	DRILLING	
06-Jul-88	"	SM		"	DRILLING	
07-Jul-88	"	F			BRALORNE → VANCOUVER	
08-Jul-88	"				VANCOUVER OFFICE	
09-Jul-88	—	—	—	—	DAY OFF	
10-Jul-88	M709	F		REE	VAN ⇒ PG	
11-Jul-88	"	F		"	REE PROPERTY TOUR	
12-Jul-88	"	F		"	" " "	
13-Jul-88	M709	F		REE	PG → VANCOUVER	
14-Jul-88	M577				VANCOUVER OFFICE	
15-Jul-88	M577	F			VAN - BRALORNE	
16-Jul-88	M584	F			BRALORNE ⇒ WATSON	
17-Jul-88	"	F			WATSON	
18-Jul-88	"	F			"	
19-Jul-88	"	F			WATSON → BRALORNE	
20-Jul-88	M577	F			WAYSIDE	
21-Jul-88	"	SM-24			" Rd measurements	
22-Jul-88	"	F			Bralorne	
23-Jul-88	—	—	—	—	DAY OFF	
24-Jul-88	—	—	—	—	DAY OFF	
25-Jul-88	M577				WAYSIDE - VANCOUVER OFFICE	
26-Jul-88	"				VANCOUVER OFFICE	
27-Jul-88	M579				SILK - VANCOUVER OFFICE	
28-Jul-88	M577				WAYSIDE - VAN OFFICE	
29-Jul-88	"				" " "	
30-Jul-88	"	F			VANCOUVER ⇒ BRALORNE	
31-Jul-88	"	F			WAYSIDE FIELD	
01-Aug-88	"	F			" "	
02-Aug-88	"	F			" "	
03-Aug-88	"	F			" "	
04-Aug-88	"	F			BRALORNE → VANCOUVER	
05-Aug-88	"				WAYSIDE - VAN. OFFICE	
06-Aug-88	—	—	—	—	OFF	
07-Aug-88	—	—	—	—	OFF	
08-Aug-88	M577				WAYSIDE VANCOUVER OFFICE	
09-Aug-88	"				" "	
10-Aug-88	"				" "	
11-Aug-88	"	F			VAN ⇒ BRALORNE	
12-Aug-88	"	F			WAYSIDE FIELD	
13-Aug-88	"	F			LEVON TOUR W GUPTA BOGGARAM	
14-Aug-88	"	F				
15-Aug-88						
16-Aug-88						
17-Aug-88						
18-Aug-88						
19-Aug-88						
20-Aug-88						
21-Aug-88						
22-Aug-88						
23-Aug-88						

SM-1		M577	May 17/68	
	GUN	LOCE	PROPERL	
		to be	re-excavated,	
	checking	out	trenches of JB	
T-1	fill	in		
2	fill	in		
3	fill	in		
4	fill	in		
5	fill	in		
6	fill	in		
7	fill	in		
8				
9		old mop	wound??	
10	fill	in (Wantout -		ok
11		expose	E contact	
12		- expose	to W	
13				
14		- fill in	W 2/3	
15		- ok	leave as is —	
16				
17	clear	rock off	wood	
18				
19				
20				

NEVILLE CROSBY INC. 46 L

T ✓ upgrade road or to properly
rev dump.
- ✓ upgrade W of 87-3 to corner

11.9 Km at turn off
12.5
12.7
14.7 (by bridge)

NO # ✓ E along road from ODH 87-4 fill in

✓ widen corner by T-29 where road
turns down to ODH 87-4. (as there
is room to slip in)

NO # trench in 2 parts between T-11 + T-12 fill in
NO # fill in trench E of ODH 87-2 + 87-8

SMT/ 2/2

T-21

22 — already filled in —

23 NO O/C — fill in + make road passable

24 NO O/C fill in

25 NO O/C fill in

26 NO O/C fill-in

27 O/C — leave

28 O/C

29 NO O/C (2 parts fill in

30 NO O/C fill-in

31 NO O/C fill-in

32 NO O/C fill in

33 — NO TRENCH —

34 NO O/C FILL IN

35 NO O/C FILL IN

36 NO O/C "

37 NO O/C "

38 NO O/C in North 1/2 - fill this part in

201 O/C in 1/2 only fill in up to O/C.

202

NO # on road past T-35 NO O/3 fill in

NO # on N side of road West of T-30

NO # W of T-22 small hole - fill in

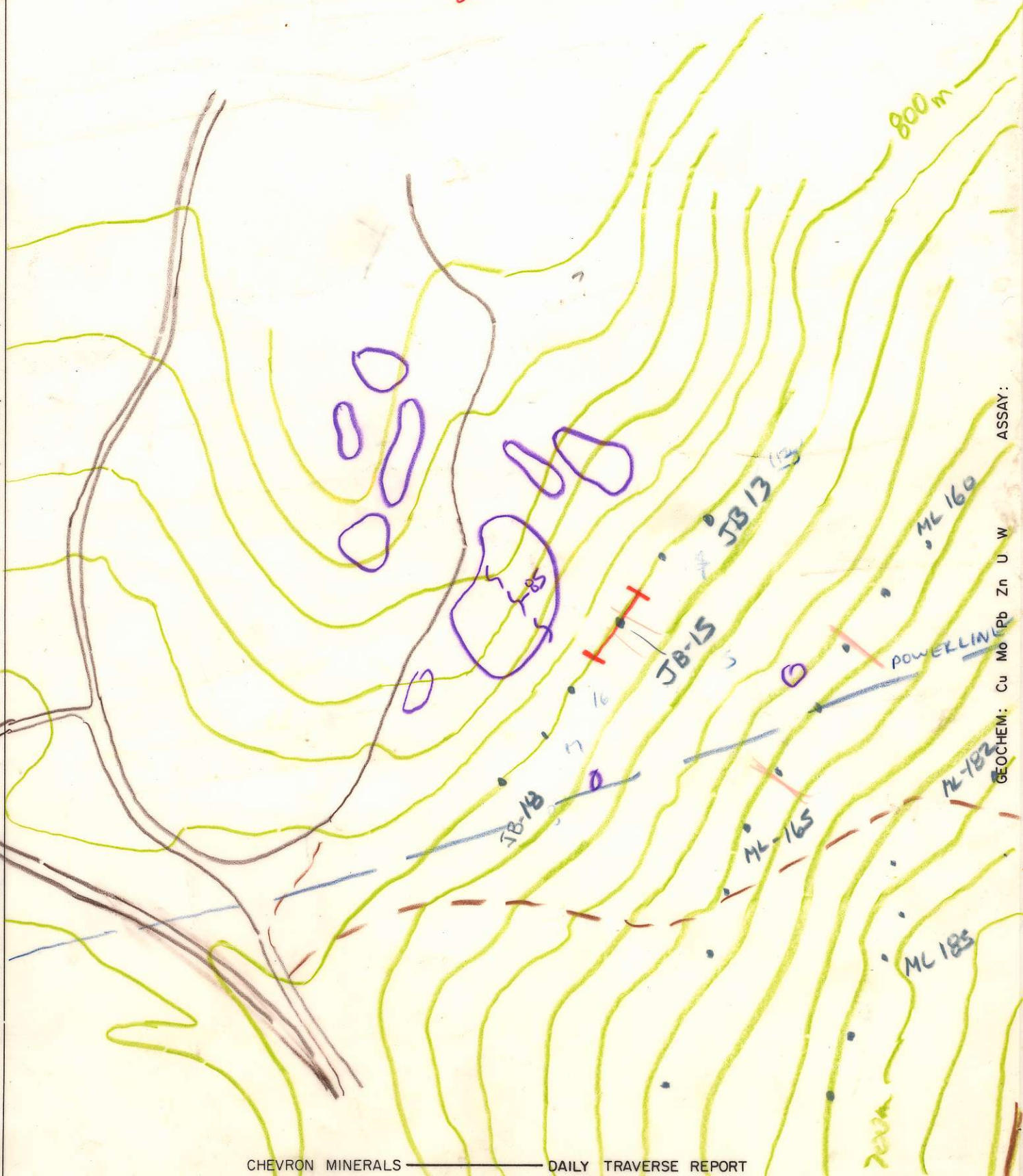
NO # E of T-30 - E of turn off to T-3

NEVILLE CROSBY INC. 46 L

Project MS77	NTS 92J 15	Scale 1:2000	Page 1 of 5	Traverse SM-2
Sampler SM	Location, Target (words) TRENCH LOCATION T-		Sample Nos	
Date May 18/88	photo no.		Cert. Nos	

TRENCH ~30 m long, 15 m on either side of JB-37

VLF anomaly due to powerline - dse max FE=25 hold off on this as a drill/trench target.



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

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (100/40 N)

BCL 66620-CSM

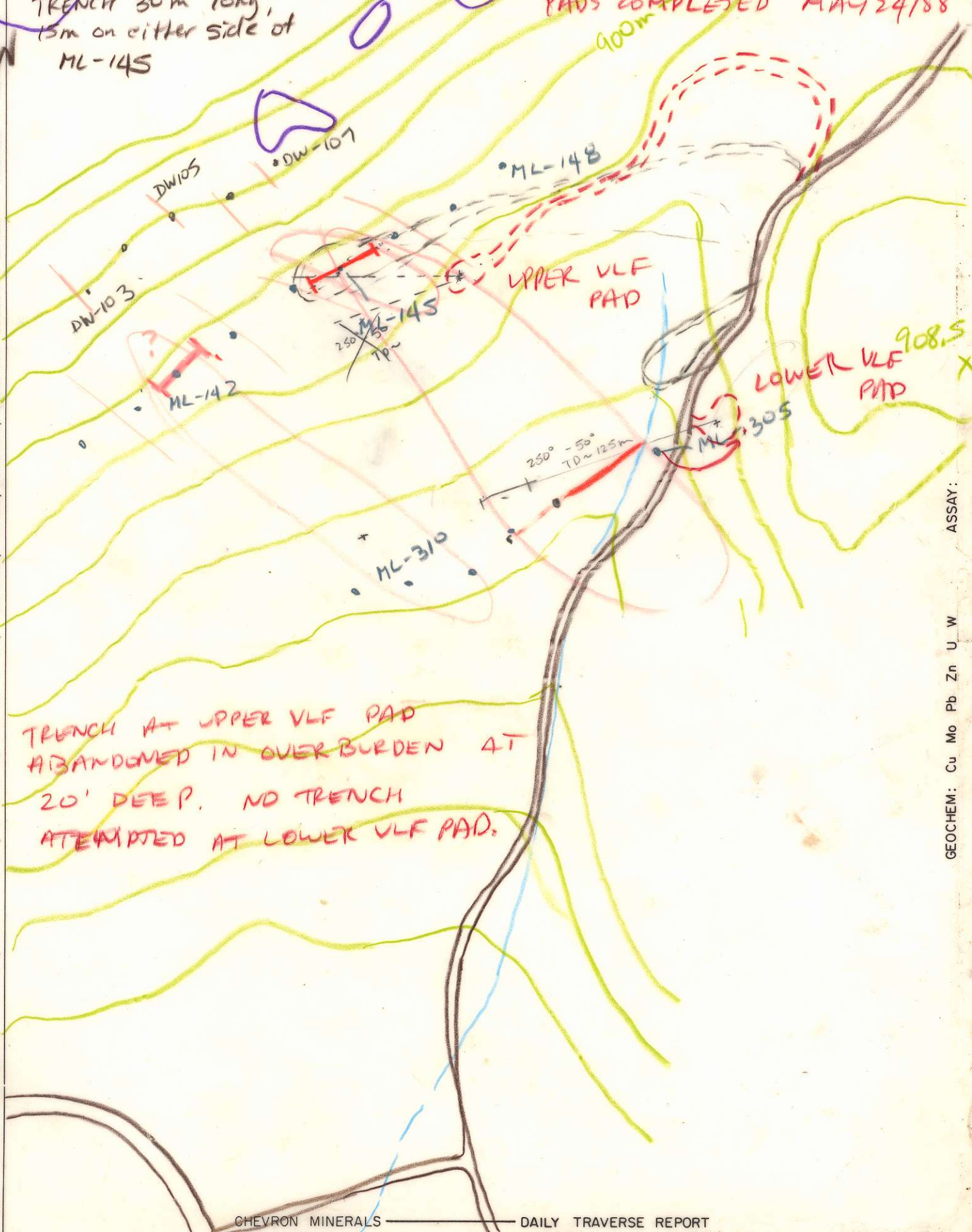
ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

Project M577	NTS 92 J	Scale 1:2000	Page 2 of 5	Traverse SM-2
Sampler SM	Location, Target (words) TRENCH LOCATION T-48		Sample Nos TRENCH ABANDONED	
Date May 18 1988	photo no. UPPER VLF PAD		Cert. Nos IN OVERBURDEN	

TRENCH 30 m long, 15m on either side of ML-145

PADS COMPLETED MAY 24/88



TRENCH AT UPPER VLF PAD ABANDONED IN OVERBURDEN AT 20' DEEP. NO TRENCH ATTEMPTED AT LOWER VLF PAD.

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

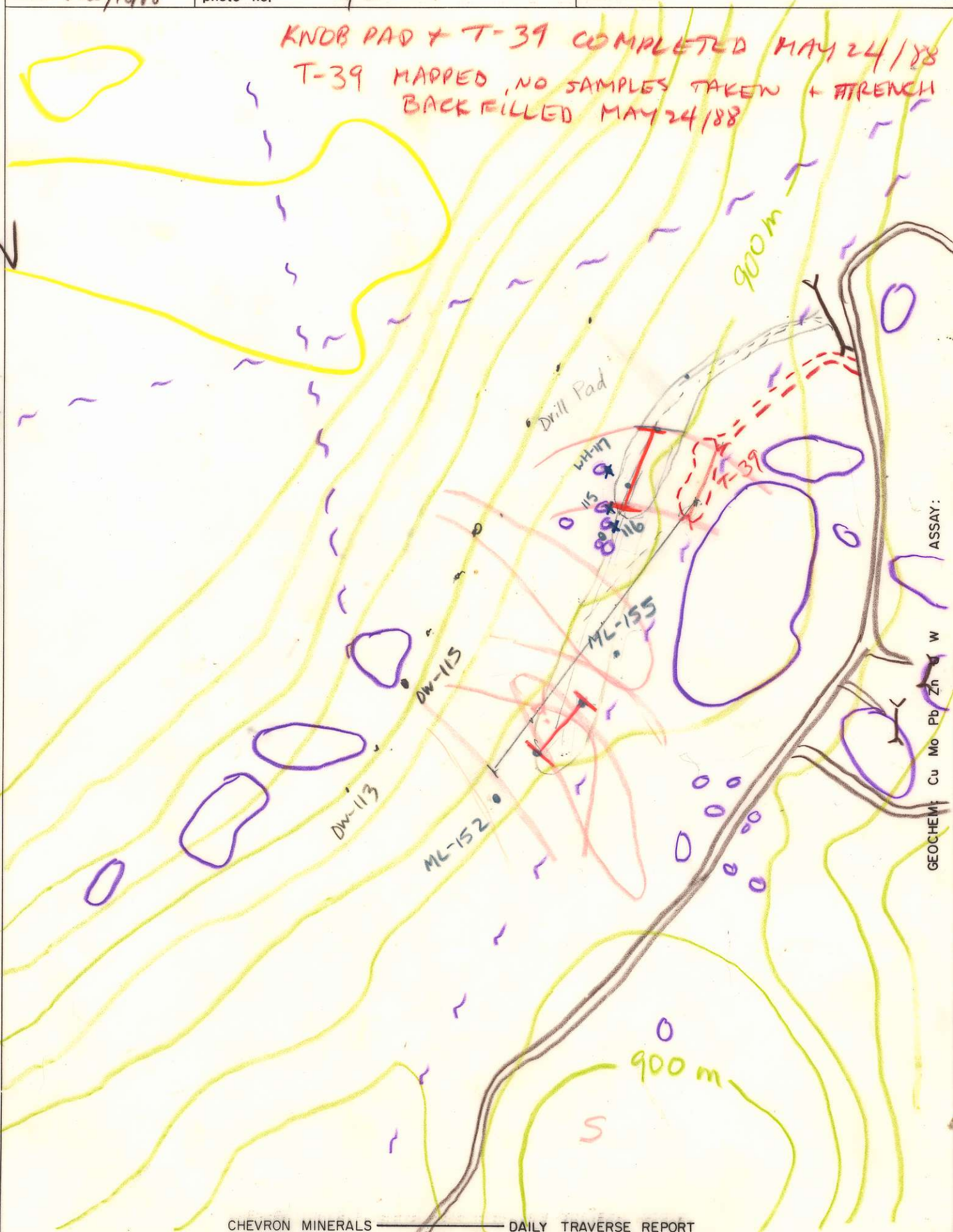
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

Project M577	NTS 92 J	Scale 1:2,000	Page 3 of 5	Traverse SM-2
Sampler SM	Location, Target (words) TRENCH LOCATION		Sample Nos	
Date May 18/88	photo no. T-		Cert. Nos	

KNOB PAD + T-39 COMPLETED MAY 24/88
T-39 MAPPED, NO SAMPLES TAKEN + TRENCH BACKFILLED MAY 24/88



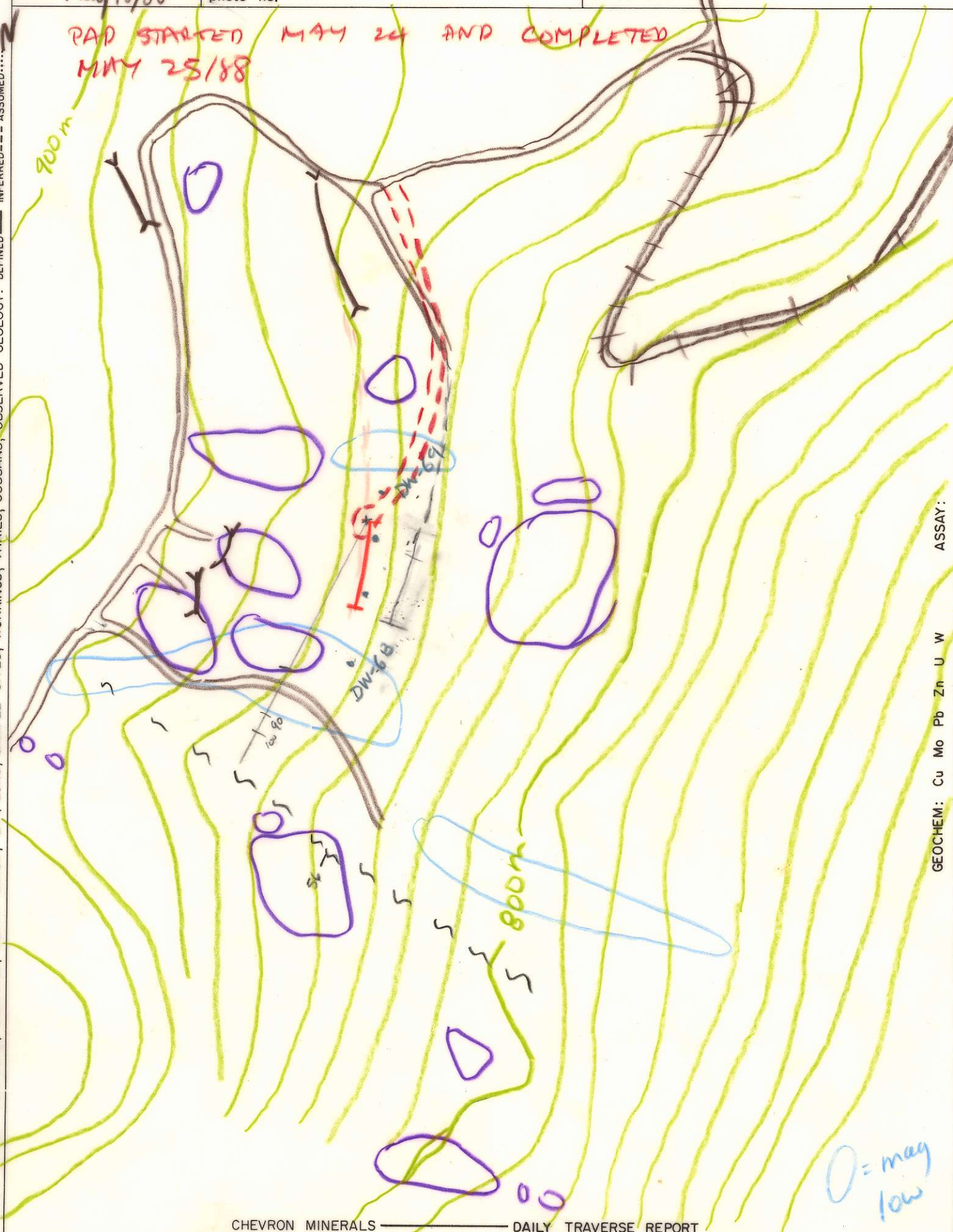
ASSAY:
GEOCHEM: Cu Mo Pb Zn W

BC11 66620—CSM
ATTITUDES
(100/40 N)

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE
SILT X SOIL ● ROCK ■ PAN △ WATER O
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
GOSSAN, MINERALS
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

Project MS77	NTS 82J15	Scale 1:2,000	Page 4 of 5	Traverse SM-2
Sampler SM	Location, Target (words) MAG PAD		Sample Nos	
Date May 18/88	photo no.		Cert. Nos	

PAD STARTED MAY 24 AND COMPLETED MAY 25/88



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GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

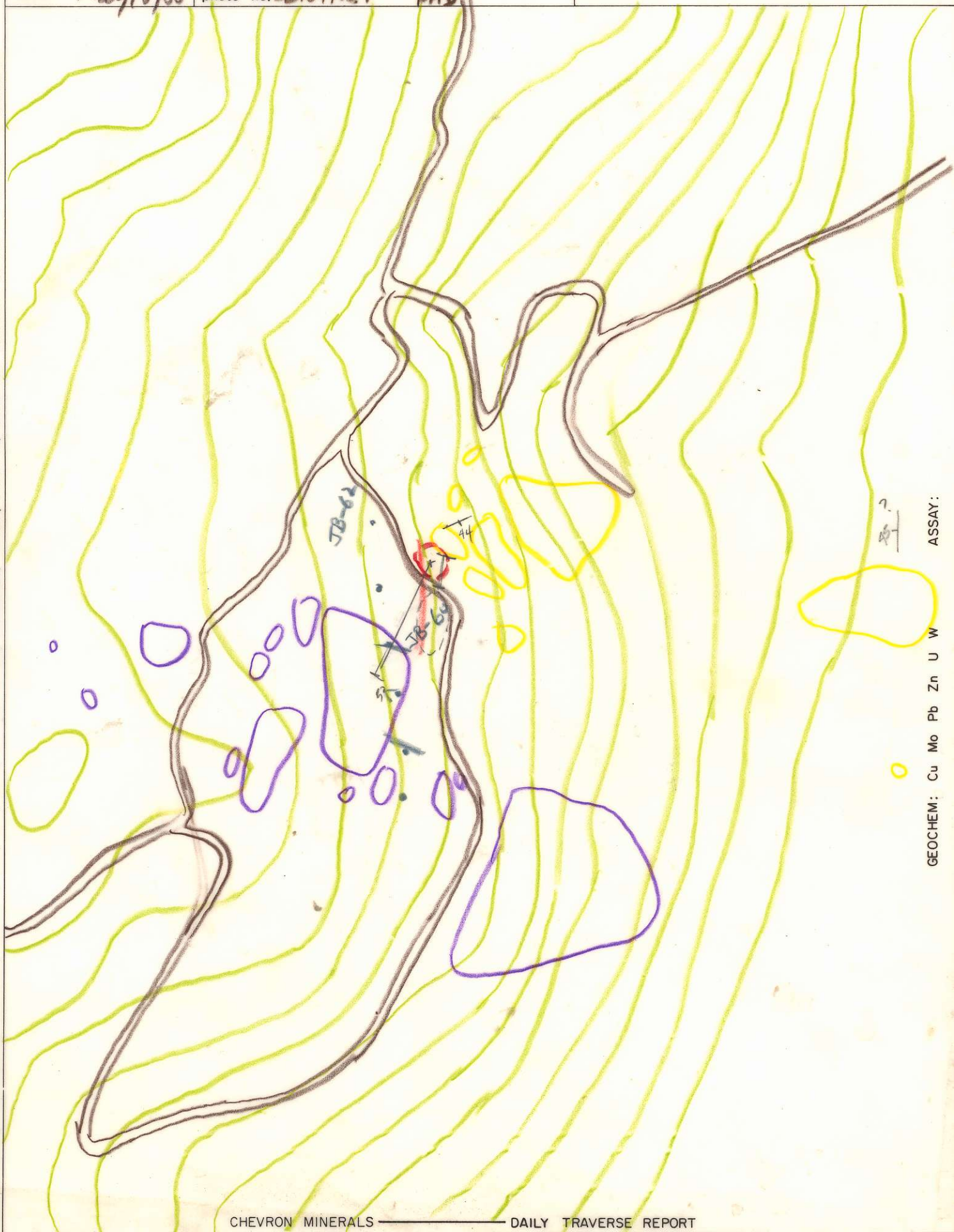
SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

BCIL 66620—CSM ATTITUDES (∠100/40 N)

Project M577	NTS 92 J/15	Scale 1:2,000	Page 5 of 5	Traverse SM-2
Sampler SM	Location, Target (words) TRENCH LOCATIONS		Sample Nos	
Date May 18/88	photo no. CONTACT PAD		Cert. Nos	



BCIL 66620—CSM

ATTITUDES (∠ 100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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CHEVRON MINERALS —— DAILY TRAVERSE REPORT

SM-2 May 19/88 1/1

Locating Trenches - to be flagged for Keith Norton.

- above powerline below rock bluff coil find JB-40, but can find JB-17, 19. check soil maps to see if this is an appropriate location

- ML-145 trend on W the side of sample site. good flat road access. trend in orange rock & blue.

- trench near WHHR-117 - only drill pad here - too deep for trenching put road in from T-32 - (deep trench w/ water in before corner

- trend across VLF conductor W of T-31 - continue along lower road (which needs upgrading) about 1km downhill from where initially planned

chest orientation near road to 87-4
066°/44°SE

TWO BOB ZONE -
- has first (northernmost) exposure of the dyke ever been sampled?} old trench or cat pass to this o/c. Trench this to further expose the dyke.

T-201 - 148° from road. fill in NW
½ of trend only
183°/64° NW - fault forming W contact of dyke in this trench.

T-9 o/c dyke disposal - open this trench up. when flagged

SM-3 | May 20/88 | 1/2

sunny - Start trenching

Keith Norton + 225 excavator at off load point at 8:00am. His D-6 is available so we'll use them both on the property. $85/hr for the D-6.

First worked 8 hrs.
to start working 10 hrs/day.
6am - 4pm

✓ check trench maps for T-12 to 14 before filling them in.
✓ - hole in lower trench T-14 - Excavated 90% 85°SE at E end of trench

Excavator on site - filled in T-34, T-35, no # E of T-35, started on T-32. Brought D-6 out up from off load point.

Trenching May 20/88 2/2

1. upgrade road at turn off near dump
2. ~~Road~~ + trench into sik around ML-145
- maybe open up sik around ~~ML~~-142 depending on outcome at 145.
3. Fill in T-~~35~~, T-~~34~~, NOTE of T-35, T-32
4. road + trend to sik around WH III 145
~ possible trench around ML-~~153~~/154
5. Fill in T-31 Drill Pad along road
6. Trend ~~over~~ North of may low extending road below T-31
7. Fill in T-30 + 2 small trenches just E of it
8. Fill in T-36 + T-37, T-38 + NOTE of T-38
9. Trend contact between chert + diorite.
10. Fill in trend w/o + near commodore sik after filling in T-24, T-25, T-23, T-26
11. French N of Paxton ~ WH 147
12. Trend N of Paxton ~ WH 140
13. upgrade road between GROUP hole + road to E.
14. upgrade road ~ Jon's shown
15. Fill in T-6, T-1, T-2, T-3, T-4, T-5, T-7 T-8

→

~~16. OPEN UP CONTACT ZONE AT T-9, T-10, T-11,~~

NB. TRENCH # START AT T-39

Hutn Bed Doerg Dr

Two Bob

~~1. deepen / clean out T-9, & T-11, & 1~~

2.

1. clean out T-9 at contacts.
2. expose E dyke contact T-11
3. extend T-12 to W to 1 fault
4. extend T-14 to E to expose fault.
5. Fill in W half of T-201

- fill in Two Bob per trend - no o/c.
- 120-200 rd to drill pad off Jones Rd

NEVILLE CROSBY INC 45 LF

SM-4 May 21/88 MS77 1/2

Keith at excavator - broken hose.
I gave for while + Keith started up
~9:00am to work on trench + road
near corner of road.

at core shack. Inventory of
useable core boxes + lids.
LIDS ~150
7 bags quik gel drilling mud
NQ core boxes 23 bundles @ 6 boxes
138 boxes ~2760'

✓ T-205 from turn off down to
two Bob zone to 1st dyke O/C
- 295m road adj. T-201 13.7m at 309°
to W end of trench ↓ from W side of road
28.3m at 150° to E end of trench
contact at N end fault 179°/76° SW

✓ T-10 W contact 005°/56° SE

✓ 8.4m at 139° from road junction to
W end of trench.

NEVILLE CROSBY INC. 46 L

SM-4 | May 21/88 | 2/2

T-10 cont trend 24.3 m W at 085°
contact at 11.4 m along from W end
✓ 12 m at 018° from E end T-10 to
DDH 87-7

T-12 E end of T12 - 12.6 m 266° from 87-8
✓ T12 - 21.1 m 266° remap this trench

T-13 E end of T-13 12.4 m 204° from 87-8
T-13 21.2 m 248°
346°/41° NE - shear at FW contact of dyke.
remap.

- Keith left ~11:30 am
- filled in T-32, staked road to
site & WH 111 began excavating
11:30 - Cat 225

SM-5 May 22/88 1/1

Rainy – Remapping Two Bot trends,
Keith 9:30am - beginning road
to site ~ML-145 - excavator
waiting for parts - using D-6
6am – D6 stowed
Keith site 3 of T-31. Keith also
up grade the road here to
Gun Lake access today while waiting
for Donna to bring in parts.

T-13 - 19.7 m from fault to trench
by road at 309° + 20°
124°/61°SW - HW contact of dyke
in T-13 - appears to be a fault
contact

T-14 extend to E to cut misty fault seen
in T-13

FRI –	May 20	8hr	225
	May 21	3½	225
	May 22	7½	D-6
		2½	225

Project M577	NTS 92 J 15 NE	Scale 1:1000	Page 1 of 2	Traverse SM 5
Sampler SM	Location, Target (words) T-10 + DDH 87-7		Sample Nos	
Date May 22/88 + May 26/88 with functioning hip chain!	photo no.		Cert. Nos	

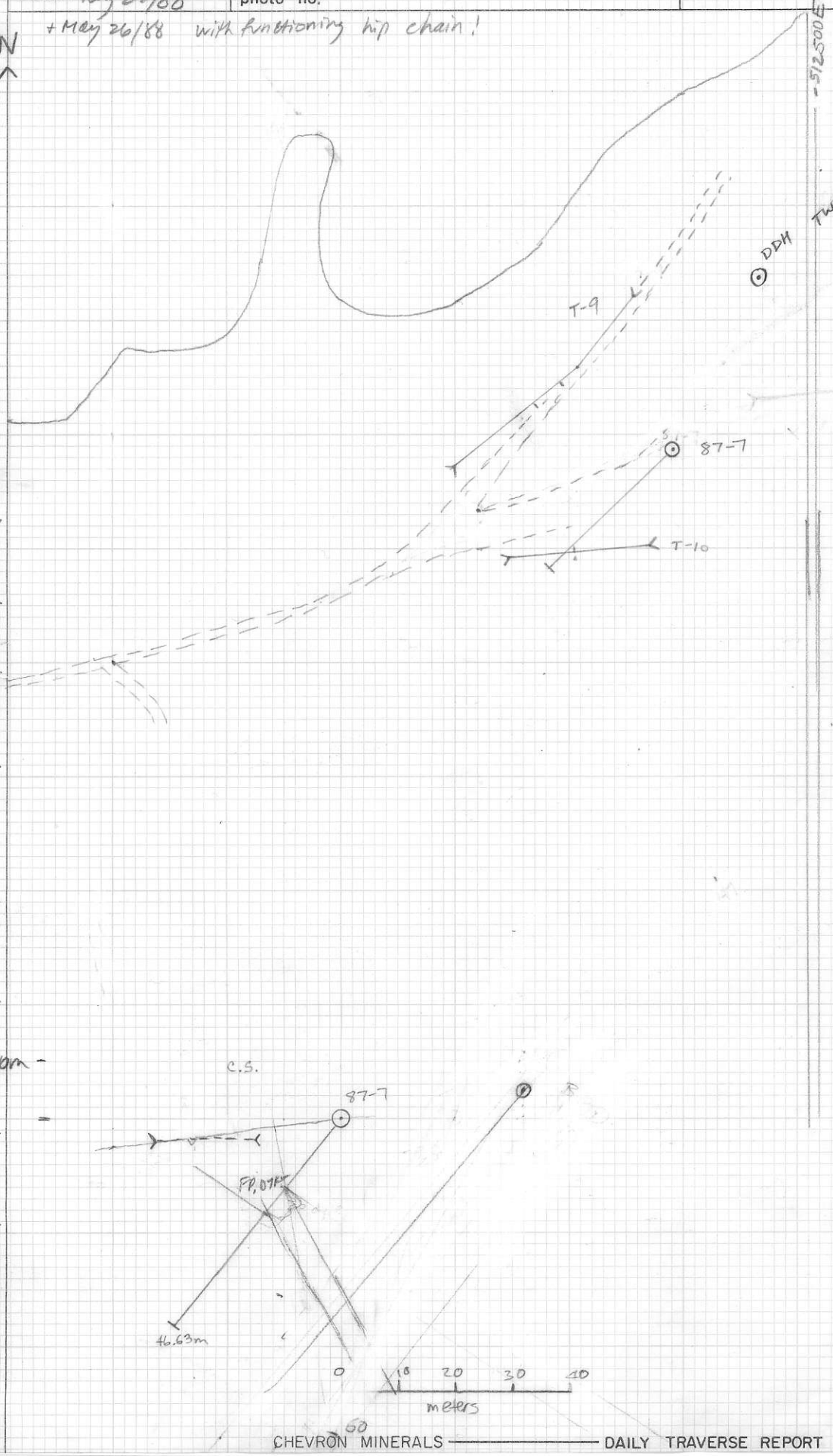
ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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



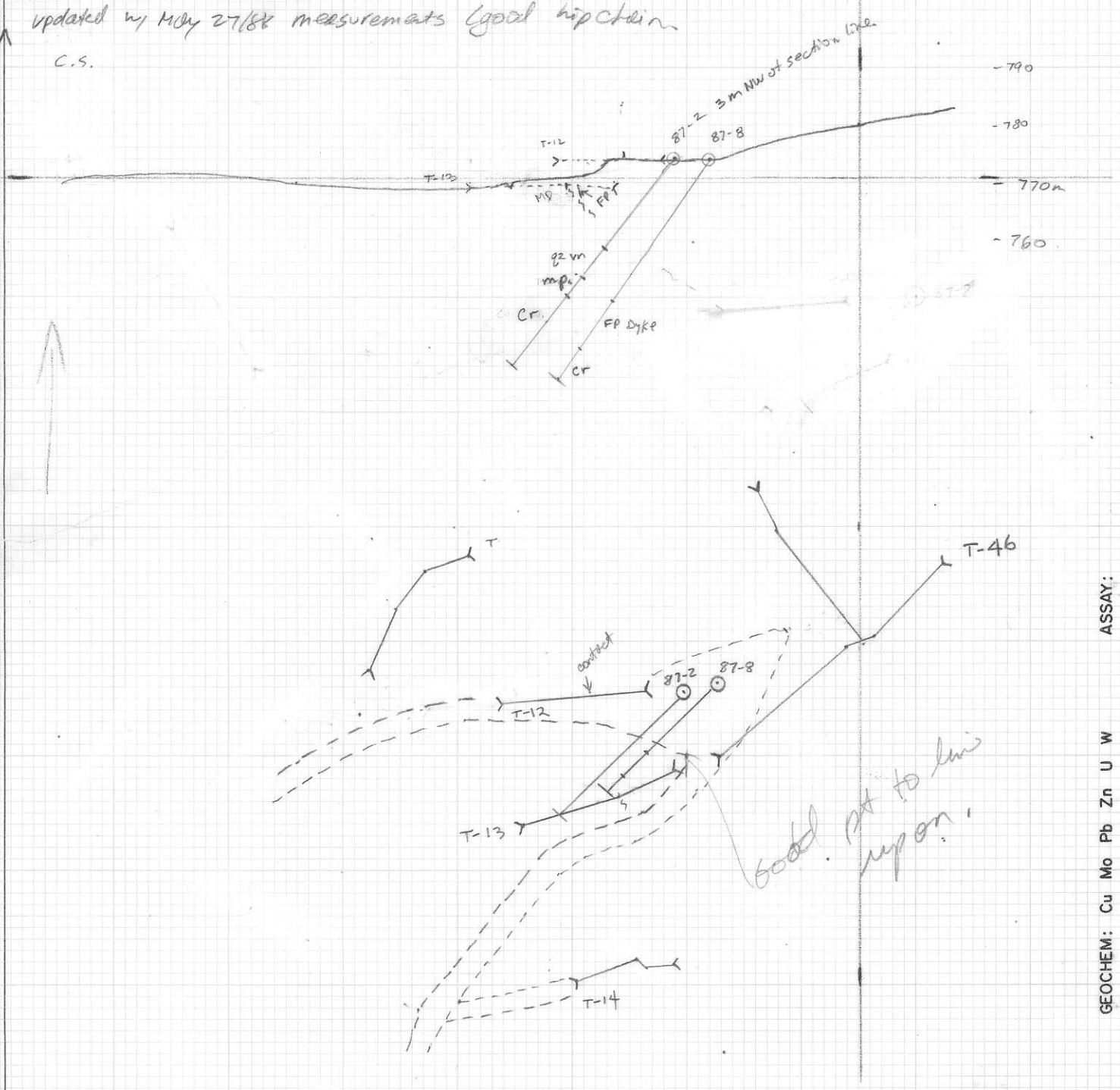
GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS 92 J/15NE	Scale 1:1,000	Page 2 of 2	Traverse SM-S
Sampler SM	Location, Target (words) 1:1000 scale Trench Summary		Sample Nos	
Date May 22/88	photo no.		Cert. Nos	

updated w/ May 27/88 measurements (good tip chain)



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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SM-6 May 23 1988 M577 Y/

T-39

Trench 0-34 m at 198° from picket at E end of trench

From picket - down access road SW side road ~ 4 m wide trench 1m wide

✓ 0-3 m 133° 0

✓ 3-34 m 050° -1

✓ 34-60 m 053° -1

✓ 60-78 m 125° edge of road round out toe of line

~~0-44~~ m to corner of road along NW edge

T-39 0-7.7m - no O/C.

7.7-14.3 m dark weathered dark grey-green fine to medium grained diorite, sheared locally. no qz vn or carb seen

✓

14.3-22.8m dark green greasy-looking serpentinite highly fractured limonite coating some fracture planes

22.8-34m no bedrock

✓ 107m along road to junction w/ short open to S.

Trend above road abandoned in over burden - no ℄ given for this trench. (Cross MC-145)

Upper VLF pad

road to drillsite around MC145 along W side of rd

0-17 m 027°
17-37 010°
37-68 296°
68-92 257°
92-106 229°
106-121 198°
121-138 217°
138-152 242°
152-160 252°
160-187 244°
187-200 214°
200-210 237° to flag on tree

105 m along road from on above (on W side)
45m - at corner set to 0 at 103

0-9 m 100° across road (4 m)
9-22 041° lower VLF pad
22-33 150°
33-42 206°
42-53 272°
53-66m 314°

59 m at road to 0°

NEVILLE CROSBY INC. 46 L

SM-6 May 23/88 2/7

✓ 168m along road from starting point at drill pad around ML-145 to gen to E

measurement around upper ULF pad from 210m - flag on tree

✓ 0 - 12 m 219°

✓ 12 - 25 250°

✓ 25 - 34 340°

✓ 34 - 46 063°

✓ 46 - 58 m 096° - back to flagged tree.

TWO BOB - CHAINING IN DDH TRENCHES

✓ 36m ~073° from E corner of road to 87-7

✓ 0 - 14 202° from 87-7 to E end T-10

14 - 39 265° T-10 E → W

39 - 49 325° W end T-10 to E corner of road

from W end of T-10

0 - 11 m 140° to W end T-11

11- °T-11

✓ DDH 87-7 104 m 069° from W road corner

✓ 67 m 067° from W corner to E corner

DDH 87-2+8.

from W road corner - m

100m - road corner

171-193m T-12

200m DDH 87-2

207 m DDH 87-8

16 m 206° from 87-8 to tight inside corner

and E end T-13

0-52 m 229° along road to turn off to T-14

0-35m 079° road (20-35m) = T-14

From Jon's Rd turn off along road

V89 m to T-201

283 m to o/c of dyke

135 m to ~~E~~ 400E

313m corner

AT WAYSIDE DUMP. T

V0 m at turn off down to mud flats.

V[illegible] 183m to No. 5 portal

KNOB PAD - FROM FLAGGED ROUTE

P-32 m 200°

V32-44 319°

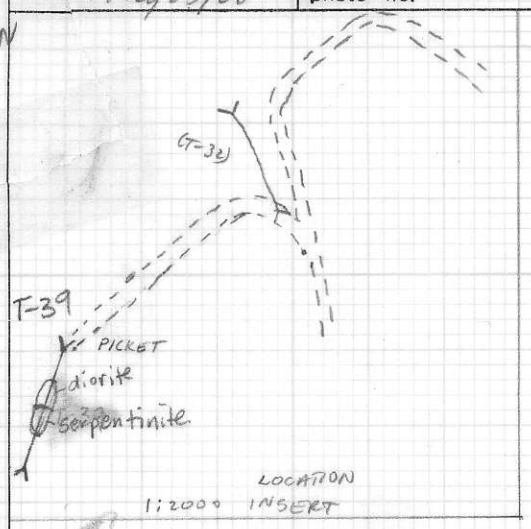
V44-57 041°

V57-71 360°

V71-79 076°

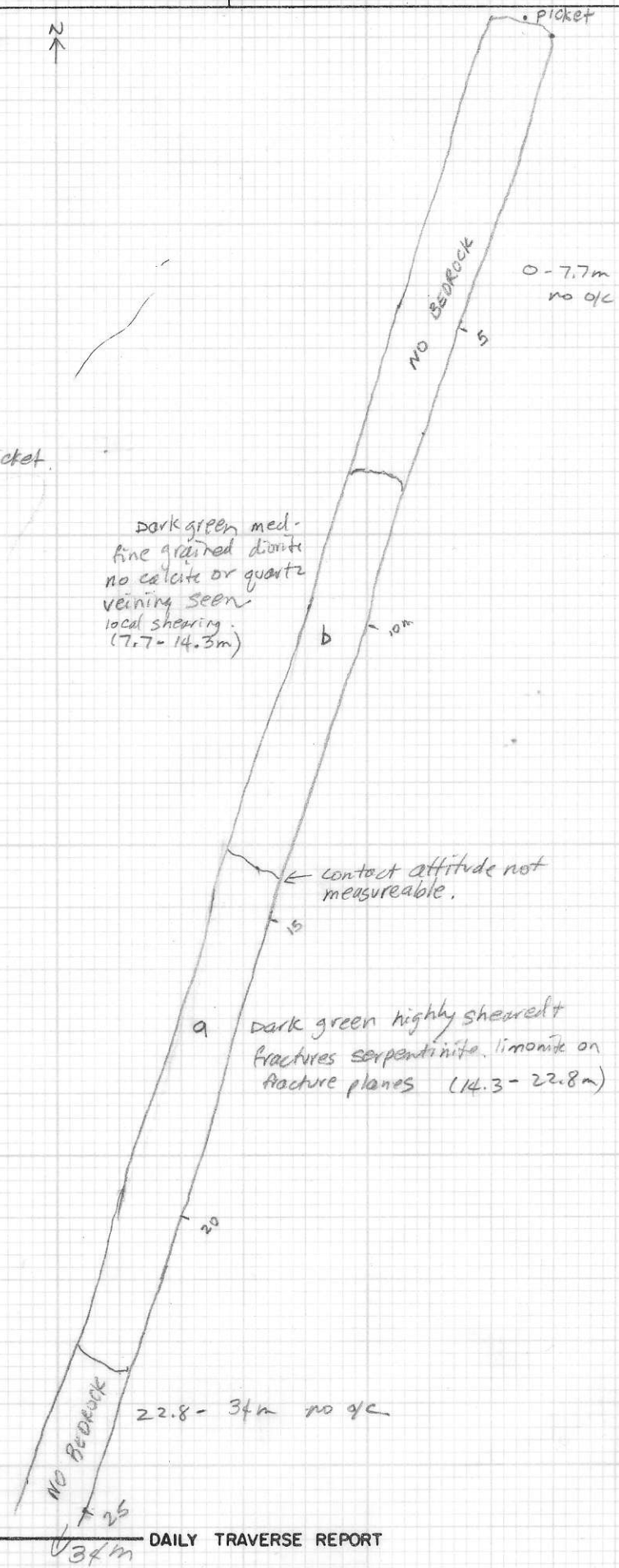
V79-85 126° back to tie

Project MS77	NTS 92J/15NE	Scale 1:100	Page 1 of 4	Traverse SM-6
Sampler SM	Location, Target (words) 88-T-39		Sample Nos — NO Samples.	
Date May 23/88	photo no.		Cert. Nos	



T-39 0-34 m at 198° from picket. up to 15' deep.

NO INSERT



SW DIORITE ZONE

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

CHEVRON MINERALS — DAILY TRAVERSE REPORT

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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (100/40 N) | SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

NCI - 574

Project M577	NTS 92JNE15	Scale 1:2,000	Page 2 of 4	Traverse SM-6
Sampler SM	Location, Target (words) TRENCH & DRILL PAD LOCATIONS		Sample Nos	
Date May 23/88	photo no.		Cert. Nos	

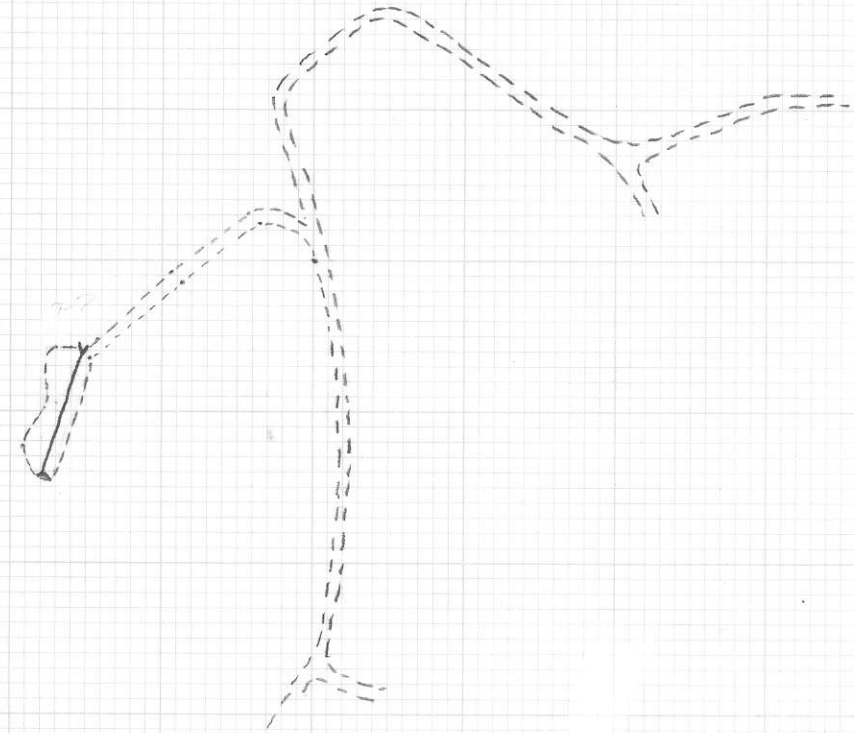
ATTITUDES (100/40 N)

N

511 100 E

5 635 000 N

5635 000 N



KNOB PAD
T-39 (now buried)

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

511 100 E

M-577-6-9

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS 92J15	Scale 1:2,000	Page 3 of 4	Traverse SM-6
Sampler SM	Location, Target (words) Drill Pad Locations		Sample Nos	
Date May 23/88	photo no.		Cert. Nos	

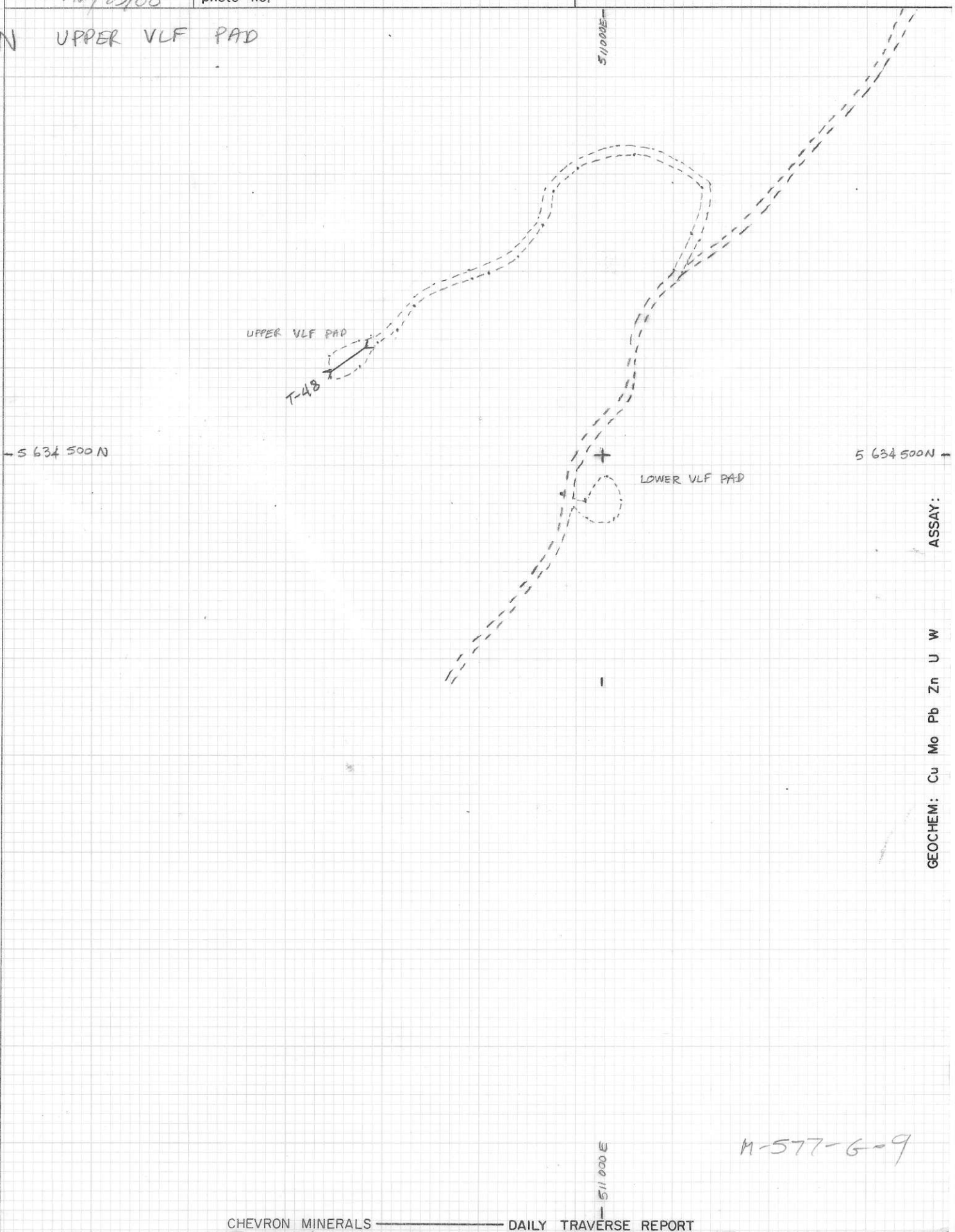
ATTITUDES (100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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.....



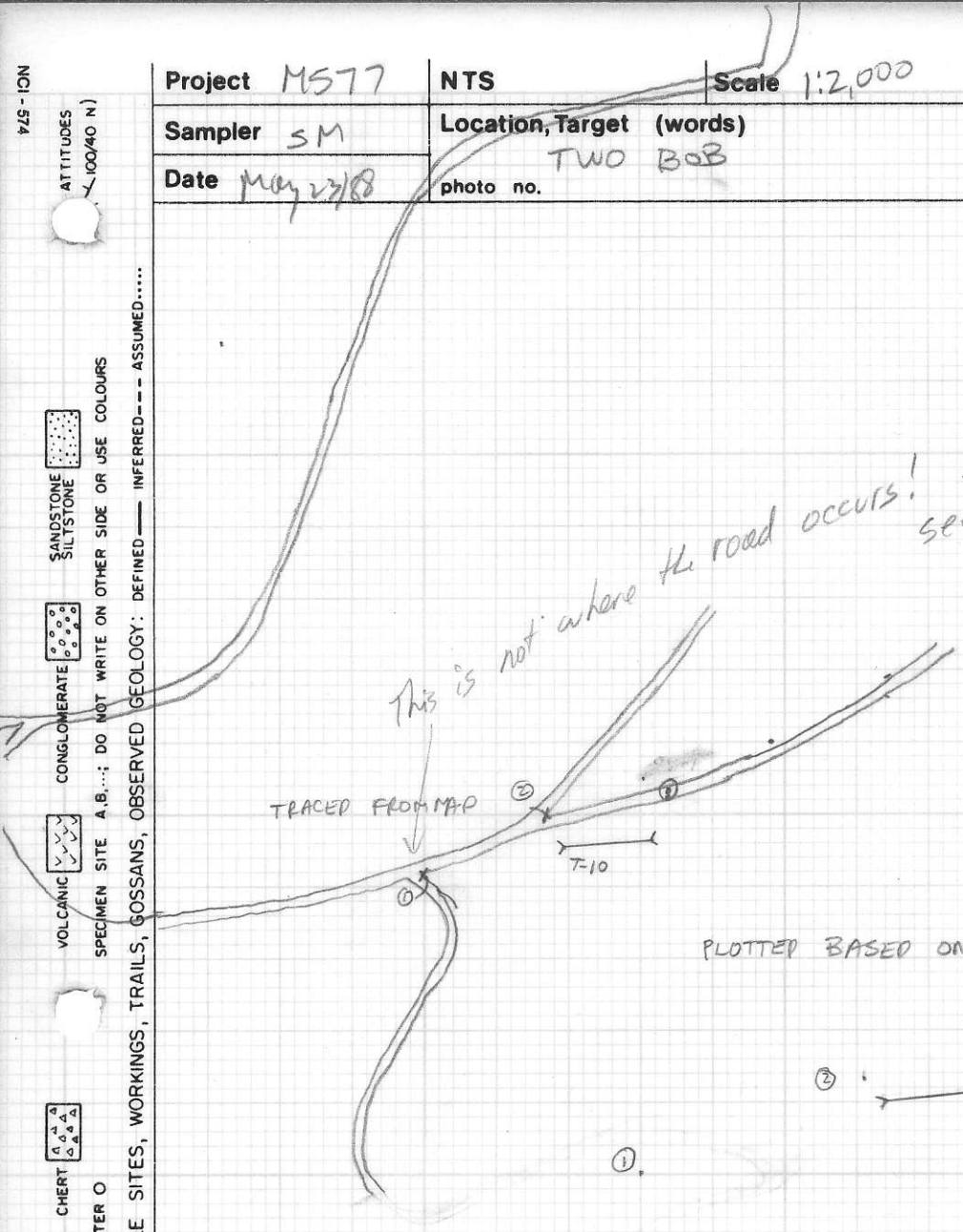
ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

M-577-G-9

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS	Scale 1:2,000	Page 4 of 4	Traverse SM-6
Sampler SM	Location, Target (words) TWO BOB		Sample Nos	
Date May 23/88	photo no.		Cert. Nos	



measurements.

87-7 : at 104 m 069° from ①

② : at 67 m 067° from ①

ROADS ARE NOT PLOTTED ACCURATELY - MUST BE RE-CHAINED IN + RE PLOTTED. DRILL HOLE COLLARS MAY BE INCORRECT! CHECK THIS OUT AND REPLOT.

NCI-574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ 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:

Project M577	NTS 92J 15 NE	Scale 1:2,000	Page 1 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. A-A'	cross-section 069°	Cert. Nos	

BC11666 2a--CSM

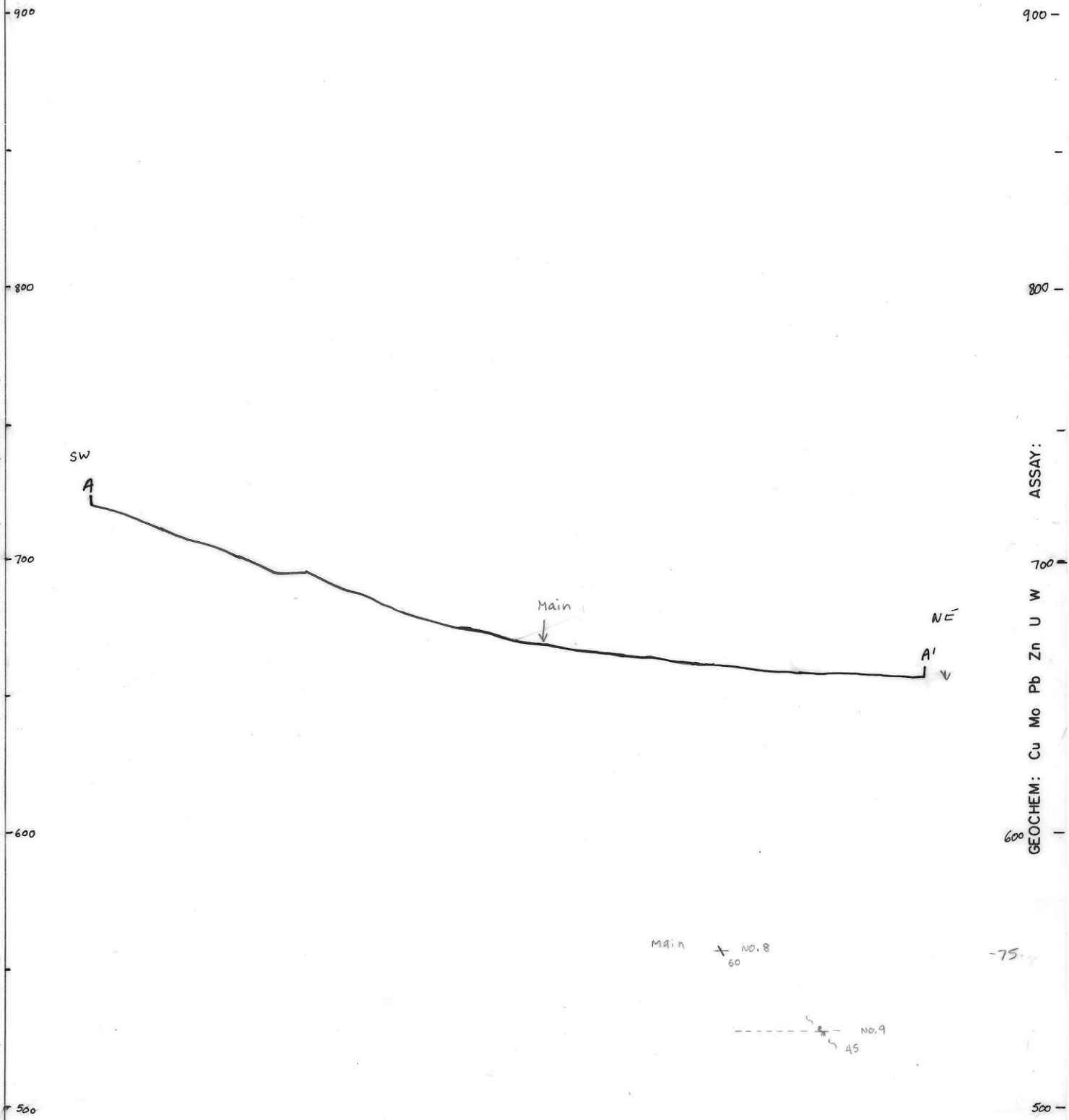
ATTITUDES ✓ 100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS



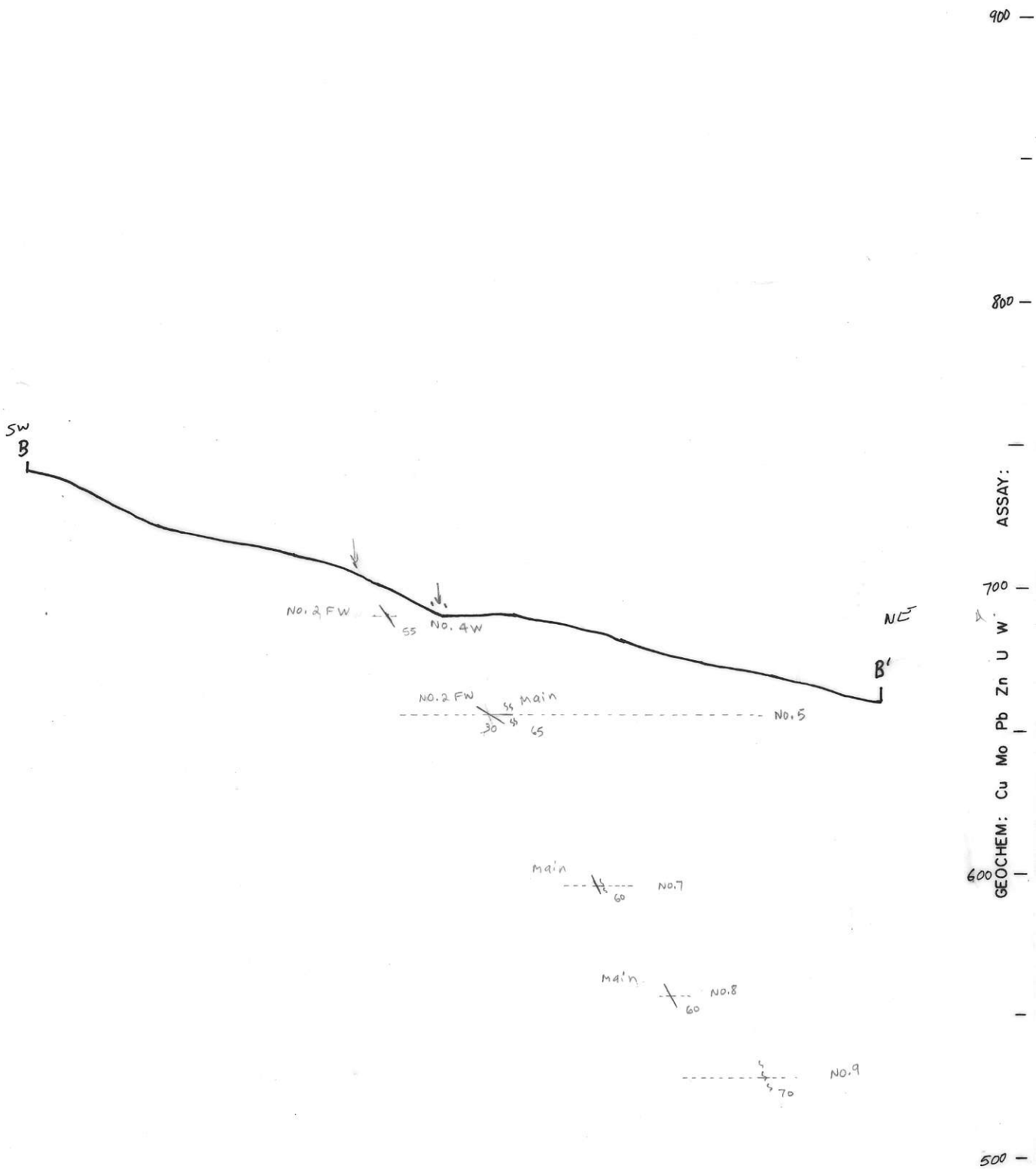
ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

440 m elevation

Project M577	NTS	Scale 1:2,000	Page 2 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. BB'	cross-section 069°	Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

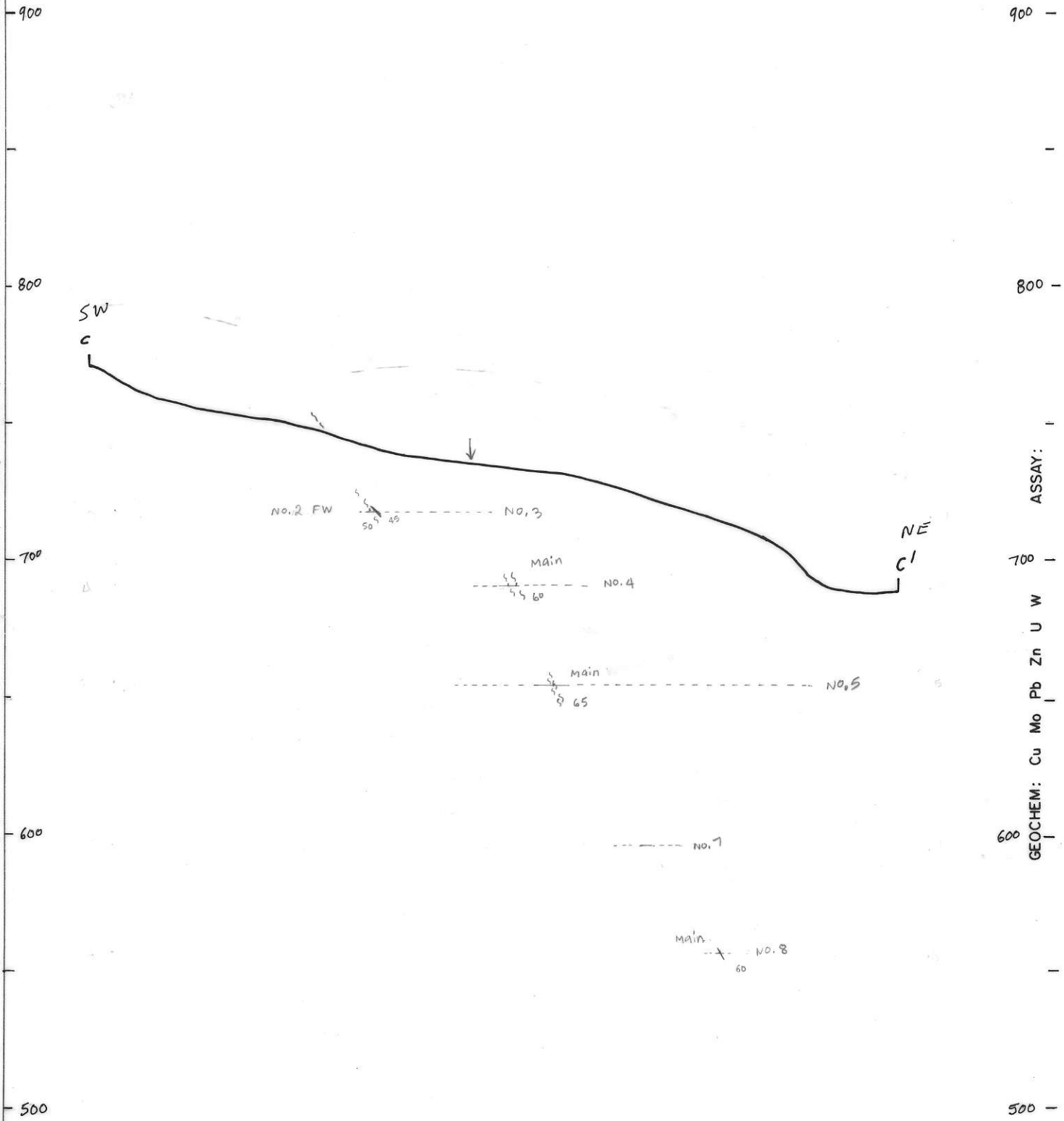
SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES 100/40 N

BC11 6662 a-CSM

Project M577	NTS	Scale 1:2.000	Page 3 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. CC' cross-section 069°		Cert. Nos	



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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

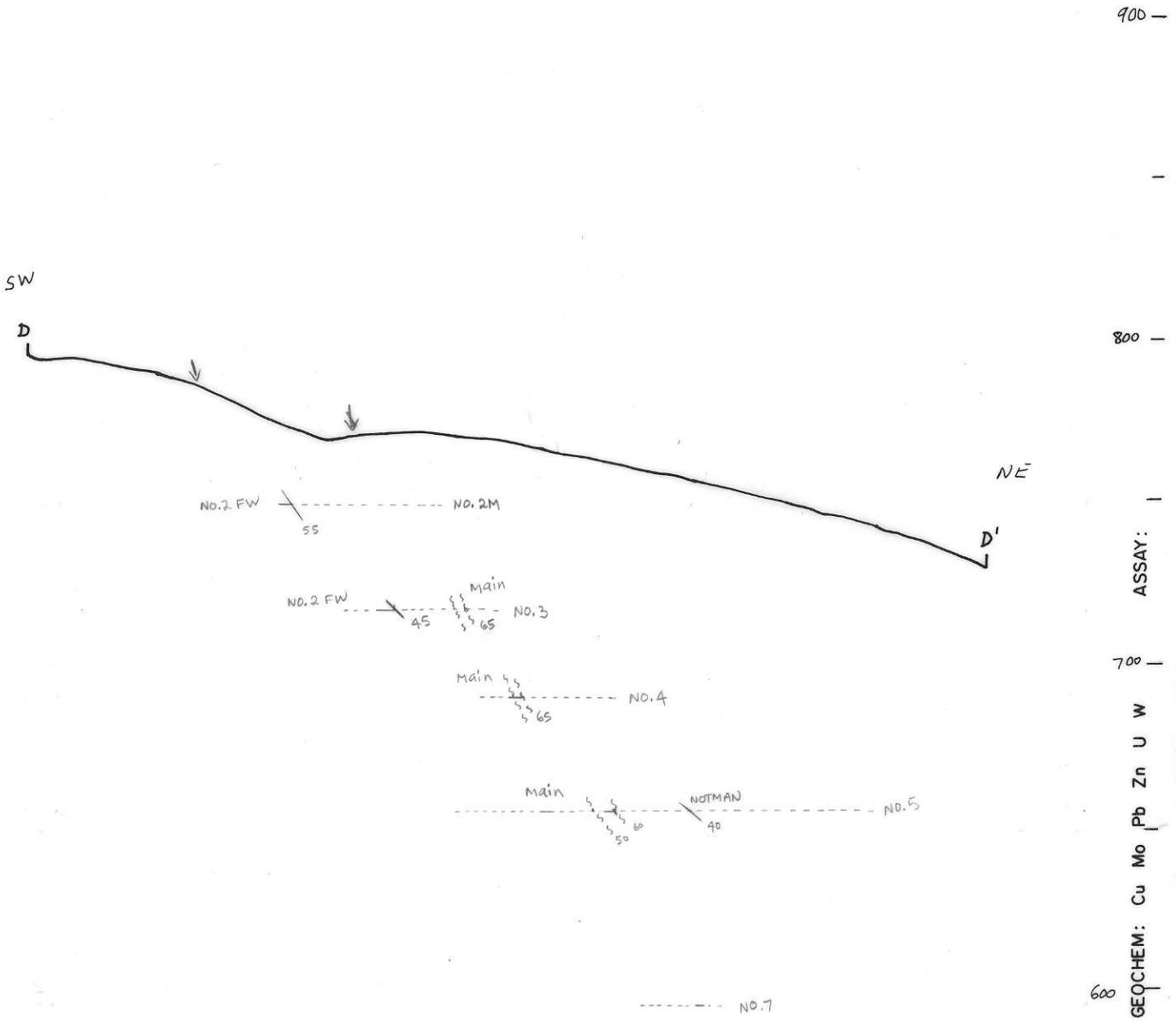
SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

ATTITUDES (100/40 N)

BC11666 2 - CSM

Project M577	NTS	Scale 1:2,000	Page 4 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. DD' cross section 069°		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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

SPECIMEN SITE A.B.....; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

BC116662a--CSM

ATTITUDES (100/40 N)

Project MS77	NTS	Scale 1:2,000	Page 5 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. EE' cross section 069°		Cert. Nos	

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

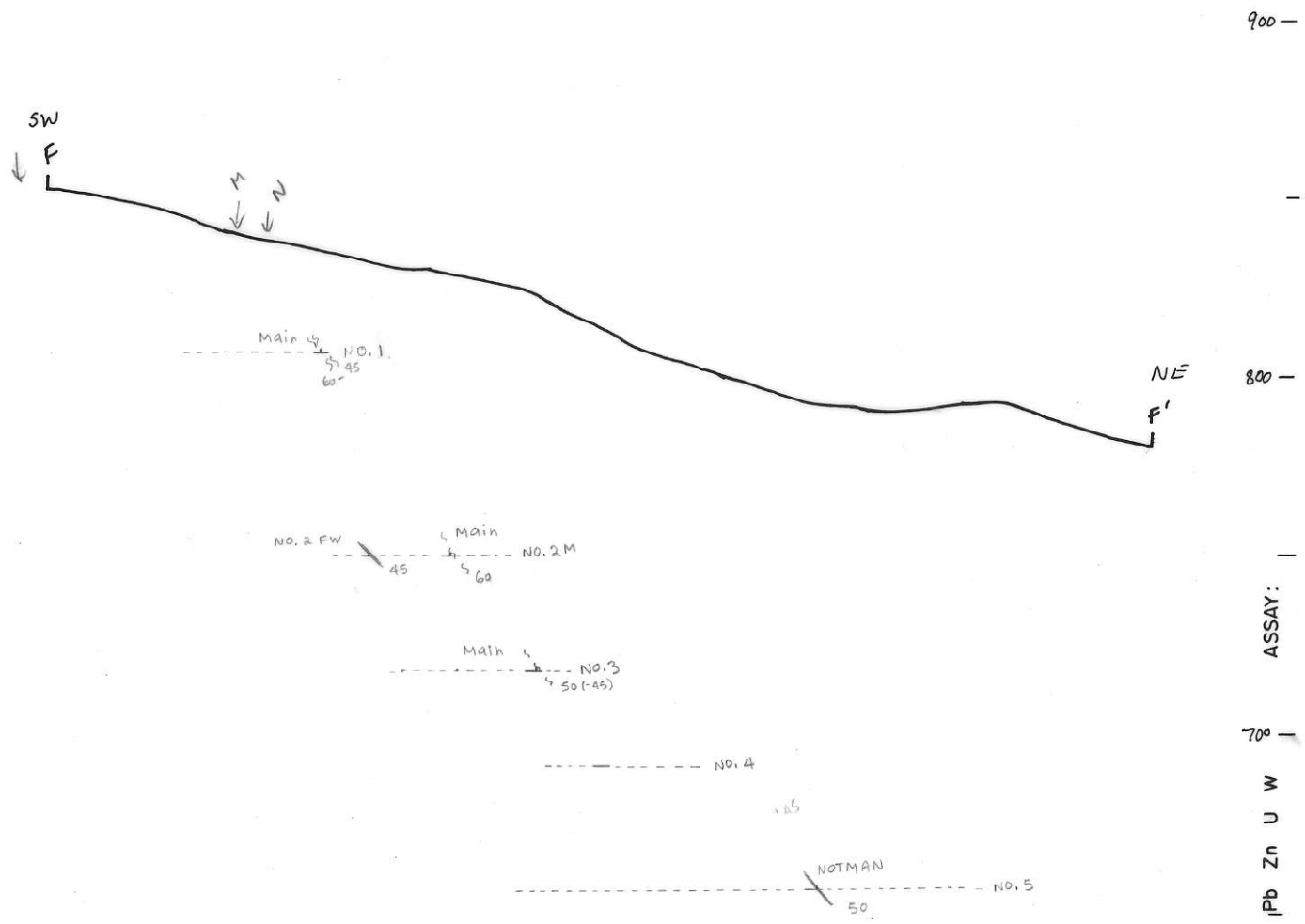
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

ATTITUDES (100/40 N)

BCII 66642 — CSM

Project M577	NTS	Scale 1:2,000	Page 6 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. FF' cross section 069°		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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

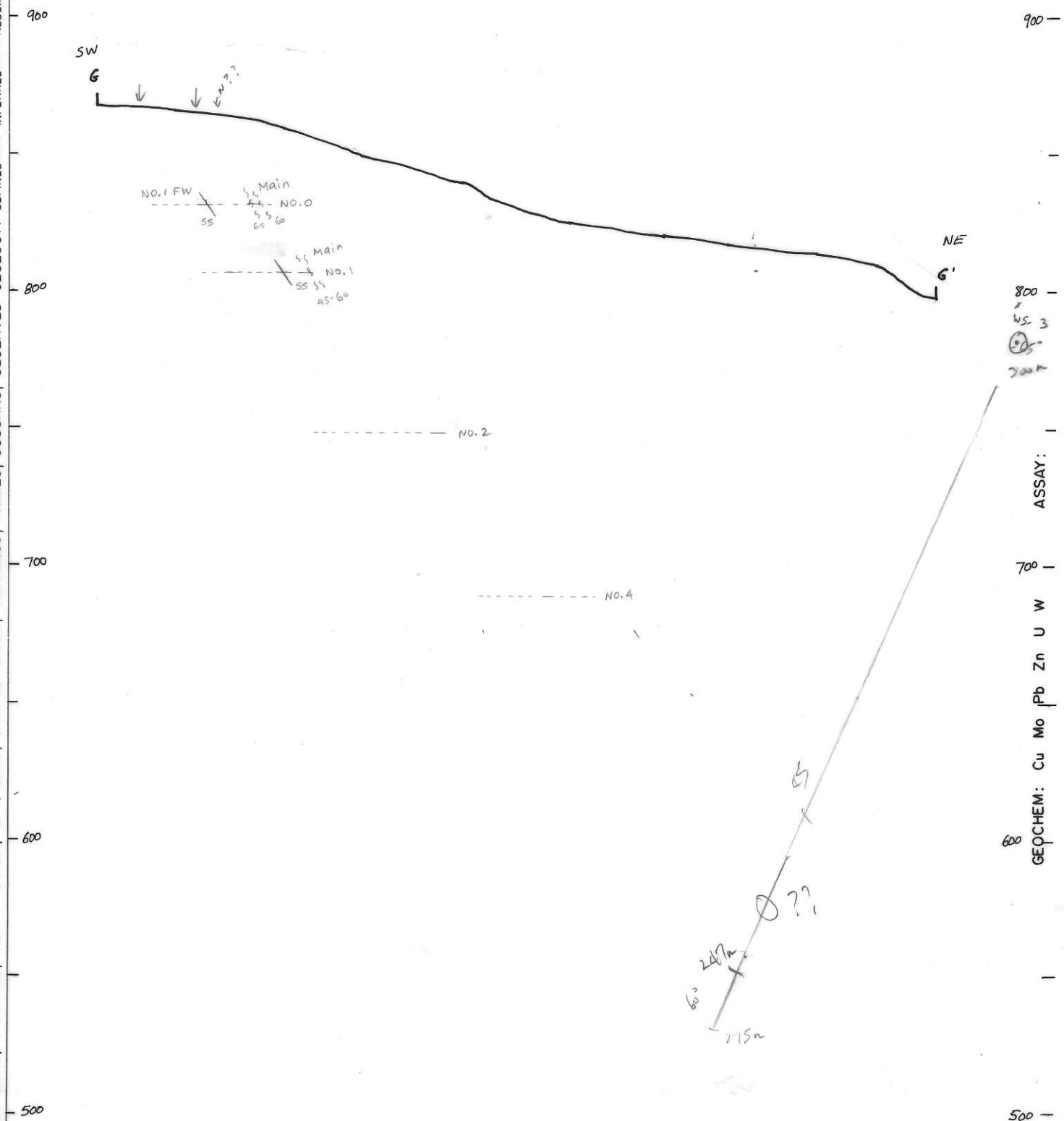
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

BCII 66620-CSM ATTITUDES (100/40 N)

Project M577	NTS	Scale 1:2,000	Page 7 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. GG' cross section 069°		Cert. Nos	



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

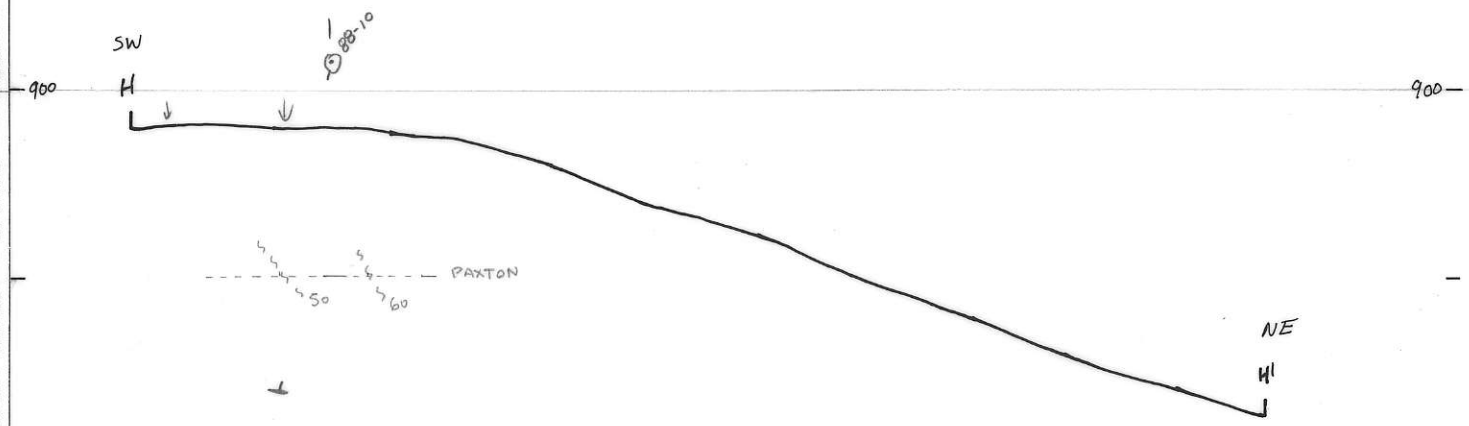
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS · INTRUSIVE · LIMESTONE DOLOMITE · SHALE · CHERT · VOLCANIC · CONGLOMERATE · SANDSTONE SILTSTONE · ATTITUDES (N 100/40 N)

BC11 66620-CSM

Project M577	NTS	Scale 1:2,000	Page 8 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 24/88	photo no. HH' cross section 069°		Cert. Nos	



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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

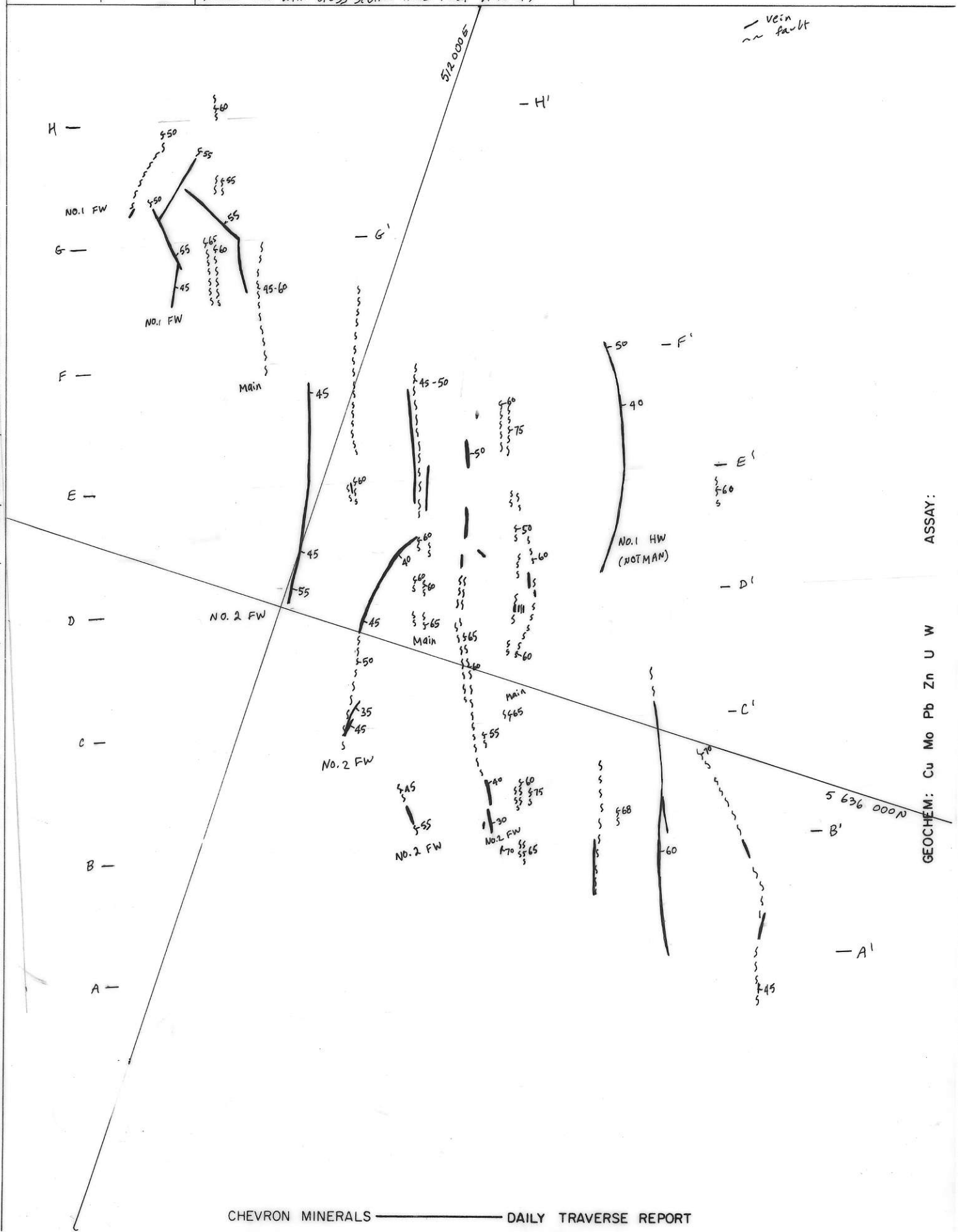
SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

ATTITUDES 100/40 N

BC11666 2-CSM

Project M577	NTS	Scale 1:2000	Page 9 of	Traverse
Sampler SM	Location, Target (words) WAYSIDE ZONE U/G		Sample Nos	
Date May 24/88	photo no. with cross-section lines (069° A to H)		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

BC11 6662 a-CSM

ATTITUDES 100/40 N

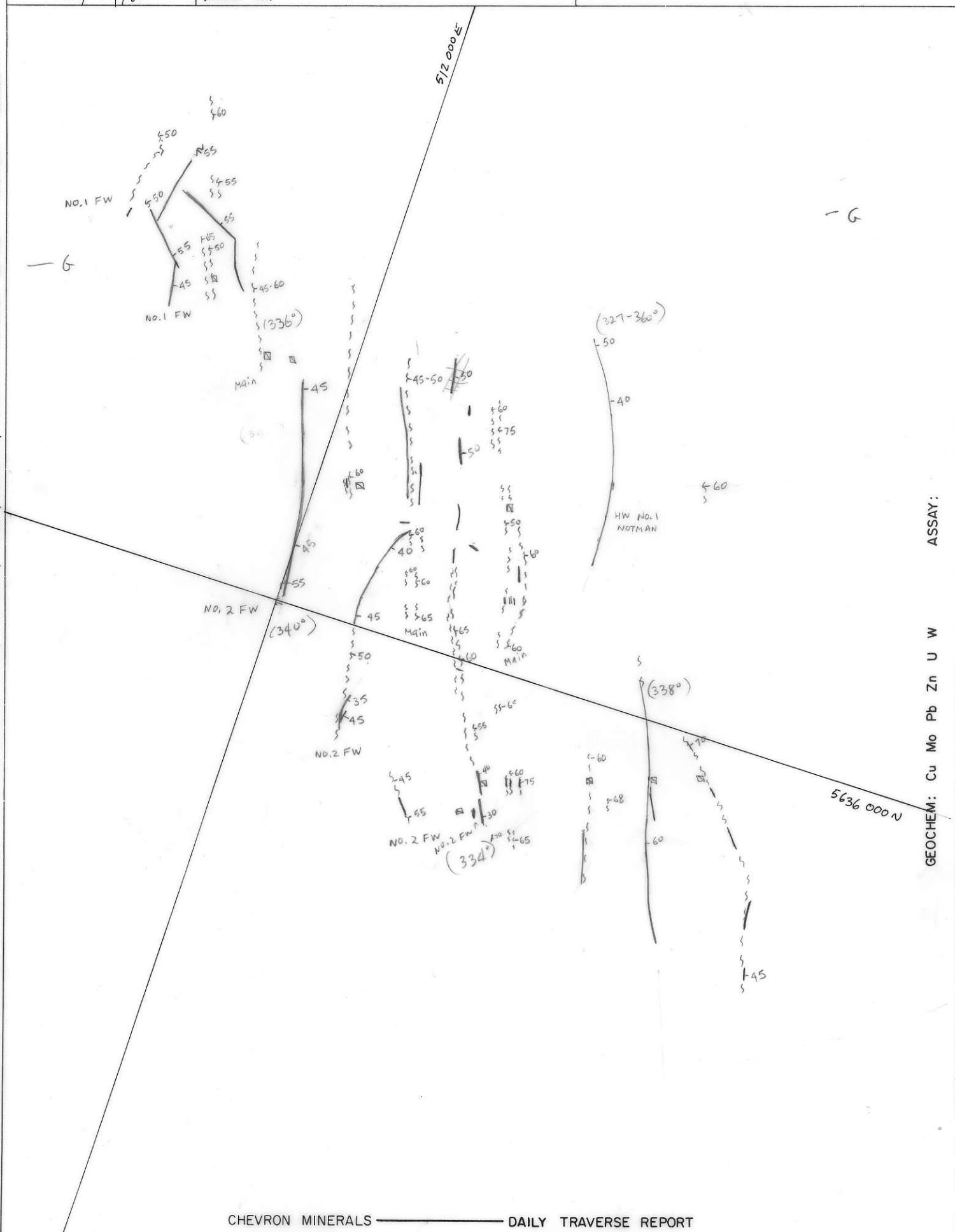
SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

Project M577	NTS 92J15NE	Scale 1:2000	Page 10 of	Traverse
Sampler SM	Location, Target (words) WAYSIDE U/G VEINS		Sample Nos	
Date May 24/88	photo no.		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

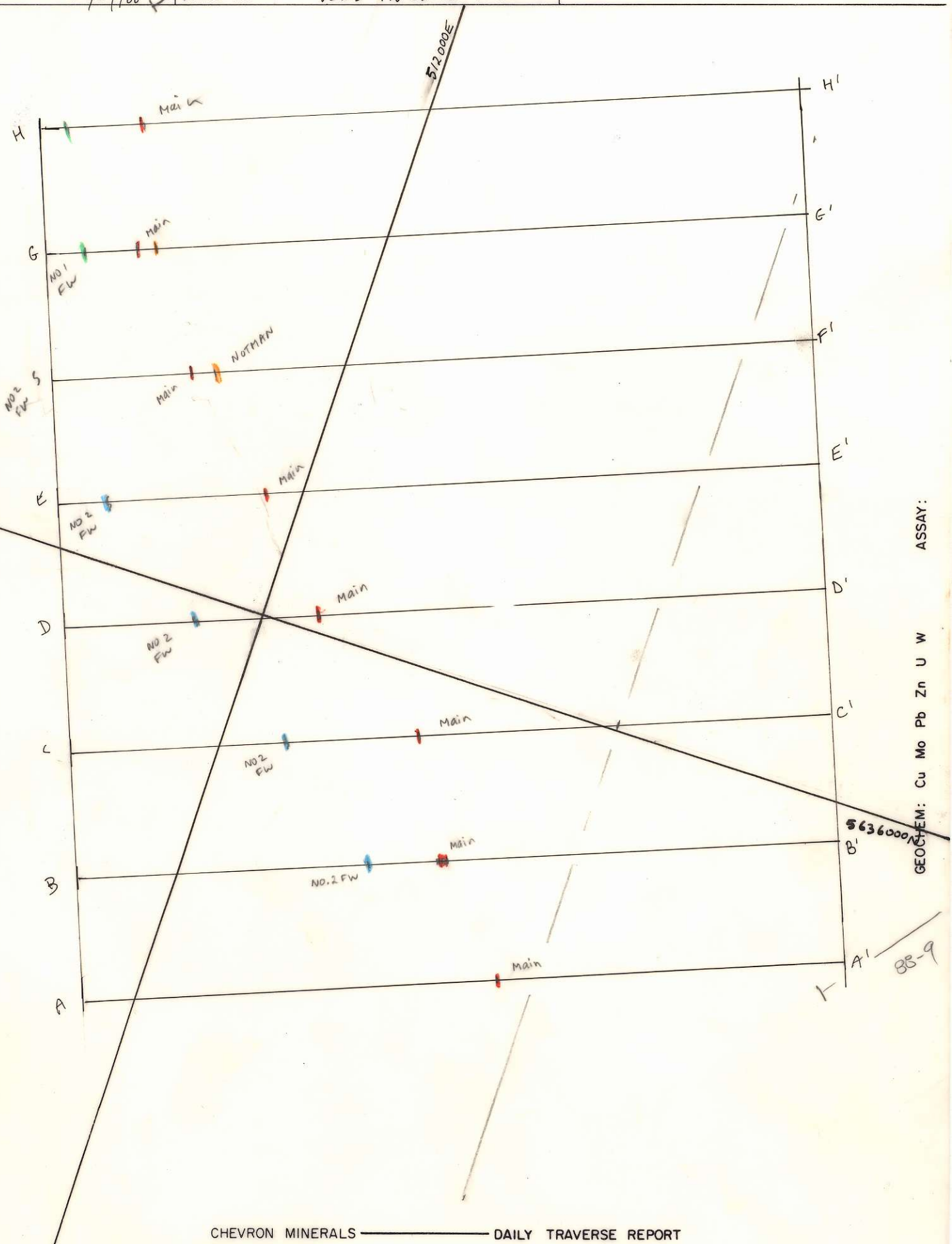
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

ATTITUDES (100/40 N)

BC116662 0-CSM

Project M577	NTS	Scale 1:2000	Page 11 of	Traverse
Sampler SM	Location, Target (words) WAYSIDE PLAN		Sample Nos	
Date May 24/88	photo no. 88-10 VEINS PROJECTED TO SURFACE		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

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

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

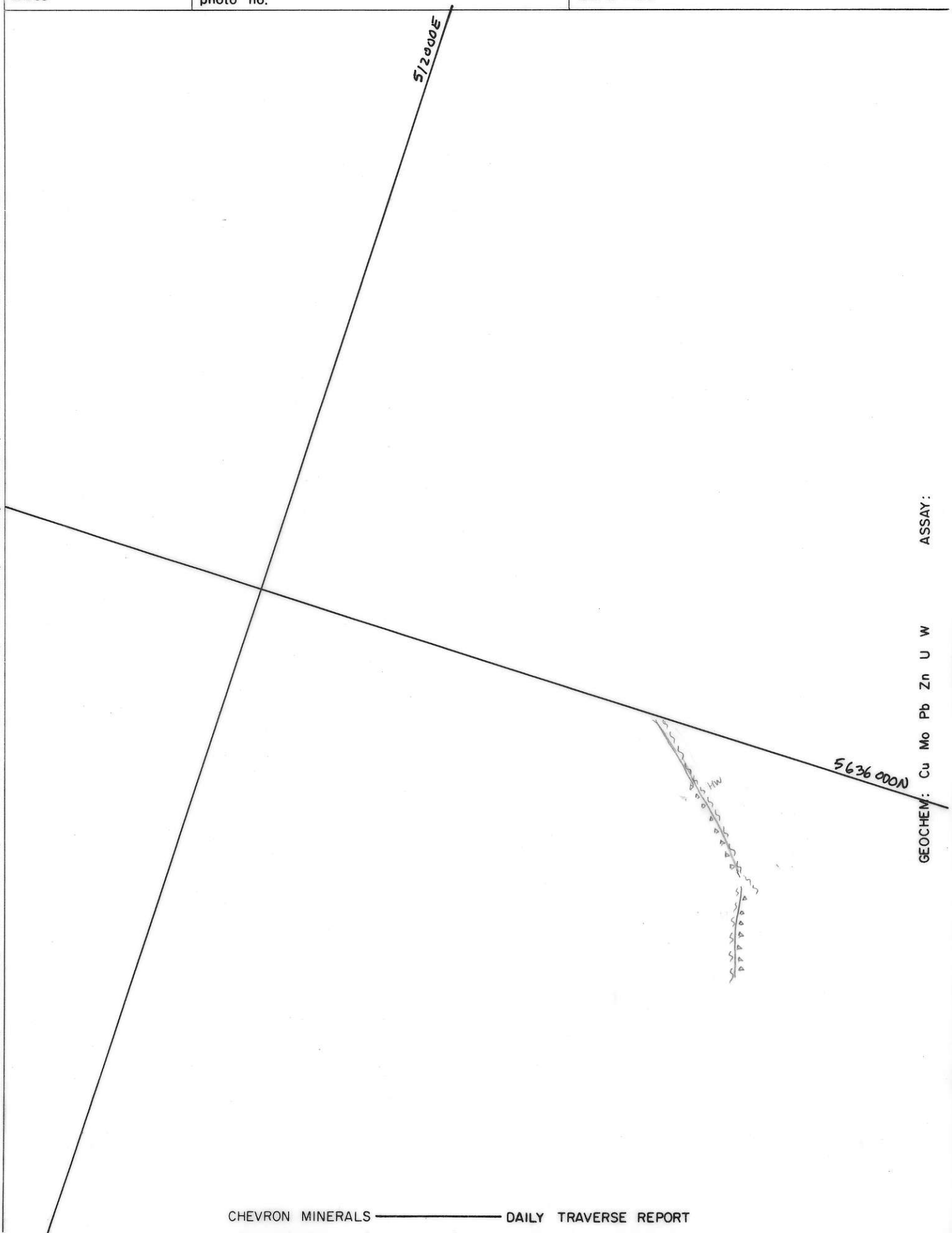
SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES 100/40 N

BC11666 2a--CSM

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

GOSSAN, MINERALS INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT VOLCANIC CONGLOMERATE SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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.....

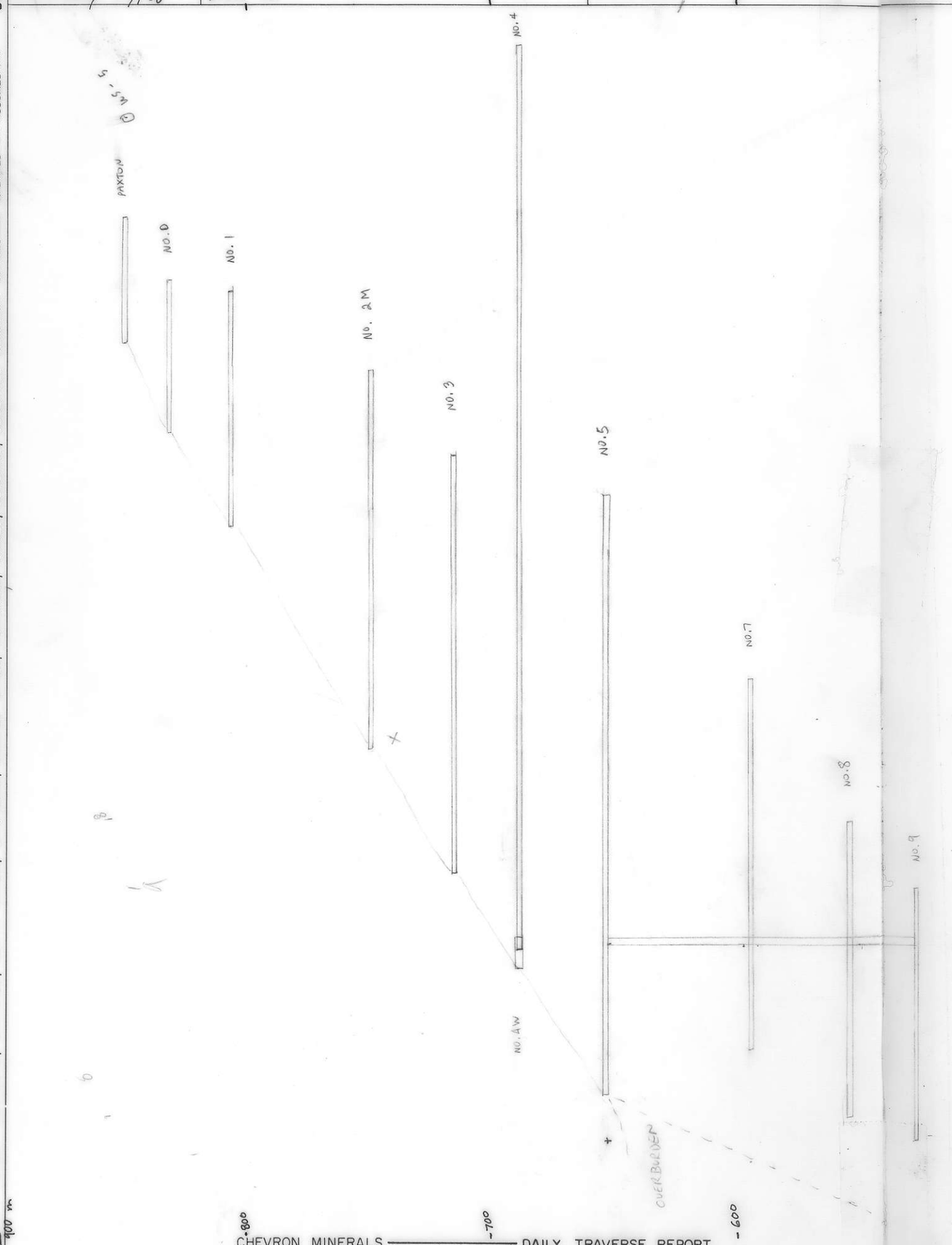
ATTITUDES (100/40 N)

BC11666 2-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS 92J15NE	Scale 1:2000	Page 12 of	Traverse
Sampler SM	Location, Target (words) WAYSIDE LONG SECTION		Sample Nos	
Date May 24/88	photo no.		Cert. Nos	

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	



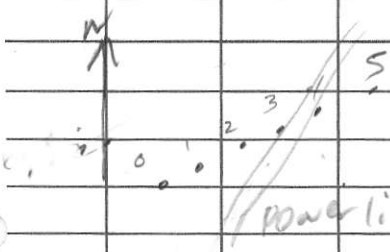
BC11666 2 — CSM
ATTITUDES
(100/40 N)
GOSSAN, MINERALS
INTRUSIVE
LIMESTONE DOLOMITE
SHALE
CHERT
VOLCANIC
CONGLOMERATE
SANDSTONE SILTSTONE
SILT X SOIL ● ROCK ■ PAN △ WATER O
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

May 25/88 SM+JG

TEST VLF LINE

STATION 2 SEATTLE

STATION 1		CUTLER (W)		CUTLER (E)	
LINE	STATION	INPHASE	QUAD	INP.	QUAD
0	0 NE	+45	-8	-45	+10
0	1 NE	+55	-19	-61	+10
0	2 NE	+55	-44	-65	-44
PL 0	3 NE	+38	-12	-35	+1
PL 0	4 NE	+12	-4	-5	+6
PL 0	5 NE	-53	+4	+50	-6



LINE 200N

100	Cutter 1		Scatter 2		
STA	IP	QUAD	IP	QUA	con
100E					
125E					
150E					
175E					
200E					
	TURN LEFT.				
	Cutter -	Facing	DIV	NE	
	Scatter	Facin	DIV	E	

SM-7 May 26/88 1/2

cloudy SM8W-1 to

T-40 (Chert pod)

11 m long 202° from E side of trench

m 7 m along road to minter

0-2.5 chert: white-brown-black fine grained, fractured very black at 0-0.3m - almost graphitic. Bedding: 175°/72°SW, minor limonite on bedding planes - to 0.3%.

2.5-3.5 chert: as above, sheared, orange to rusty weathered. Shear ∥ bedding of 055°/88°SE

SM8W-1 2.5-3.5 m

3.5-12.0 chert w/ interbedded shale. shale forms dark grey green layers up to 4cm thick, minor limonite. Bedding 108°/60°SW

SM8W-2 6.0-6.5 m shear ∥ bedding w/ limonite, but no sulphides

7.0 m bedding 113°/60°SW

2.5m ⊥ to trend from free to ⊥ trenches.

NEVILLE CROSBY INC. 46 L

SM-8 8/

Two BOB - retaining w/ good kitchen

✓ from W corner (E side of road) to E corner
105 m 69°

✓ from W corner to 87-7 69m 67°

✓ 35m 073° from 87-7 to E corner.

✓ 10 m 147° from E corner to W end T-10

✓ T-10 0 - 25 m 085° contact - 11.5m

✓ 9 m 332° from E corner to W end T-9

T-9 { 0 - 28 m 051° contact at 18 + 24 m
{ 28 - 44 m 038° end of trend

Mag Red road. 150 m W along rd from junction to W side

✓ 0-23 m 157°

✓ 23 - 39 168°

✓ 39 - 56 157°

✓ 56 - 69 168°

✓ 69 - 115 193°

✓ 115 - 143 212° stem of pod. X

✓ 143 - 148 295°

✓ 148 - 155 209°

✓ 155 - 164 149° round out

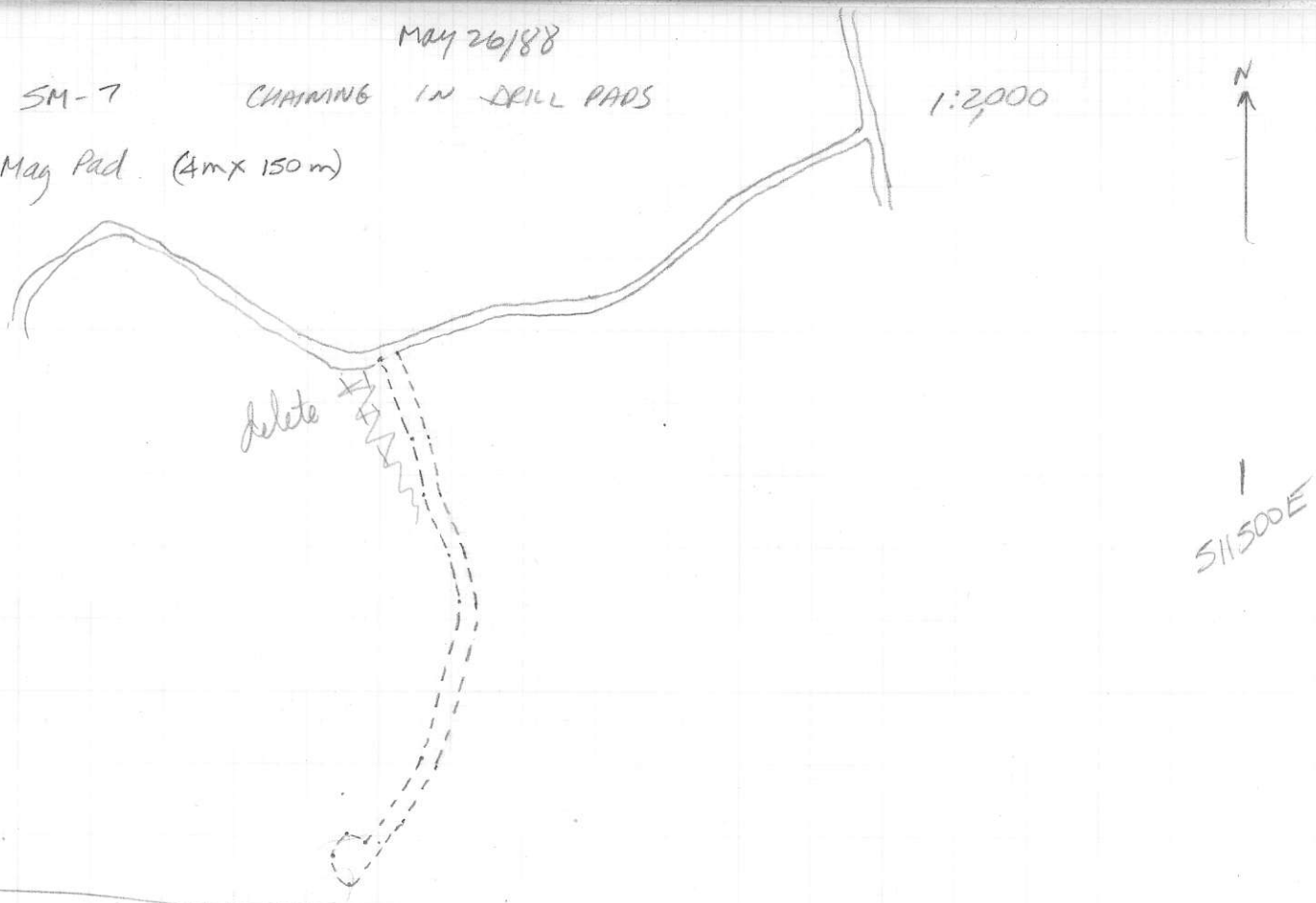
✓ 164 - 178 034° end.

Chart	Pad	66 m	W along	road to	pad
X/0 –	8	108°			
√8 –	25	355°			
√25 –	37	236°			
37 –	45	133°			
√45 –	47	245°	to X		

May 26/88

SM-7 CHAINING IN DRILL PADS 1:2,000

Mag Pad (4m x 150 m)

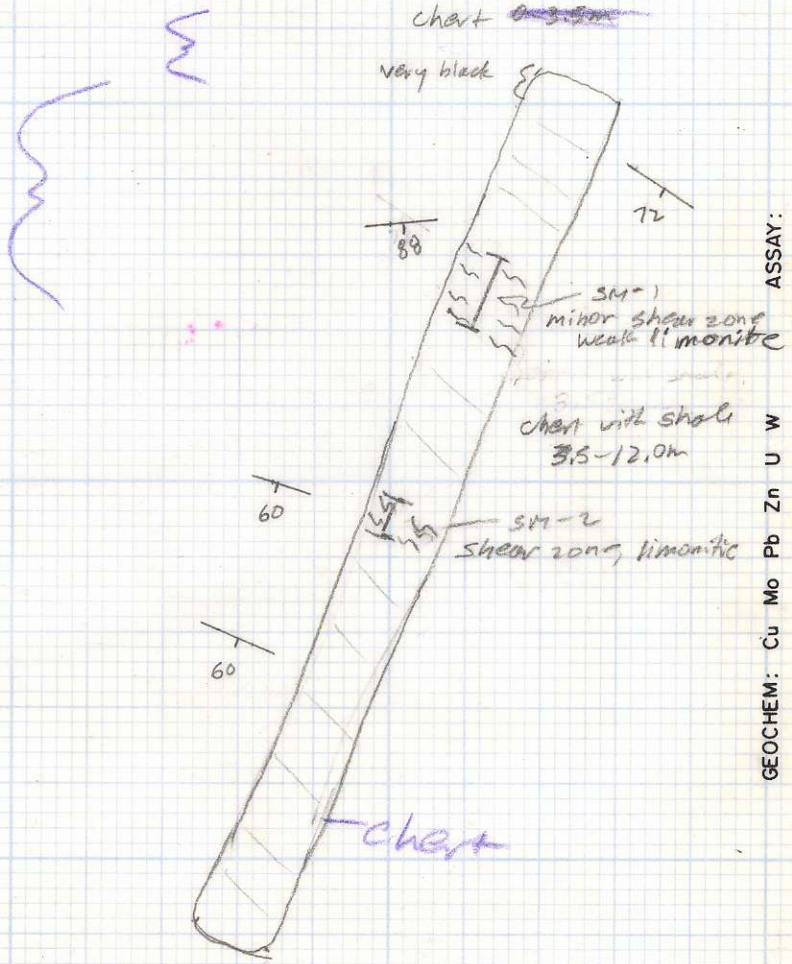


CHERT PAD

M-577-G-9

Project M577	NTS 92J/15NE	Scale 1:1,100	Page 1 of 2	Traverse SM-7
Sampler SM	Location, Target (words)		Sample Nos SMBW-1 + 2	
Date May 26/88	photo no. T-40		Cert. Nos	

	width (m)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW-1	1.0	<5	24		0.3
SMBW-2	0.5	<5	14		0.2



SW DIORITE ZONE

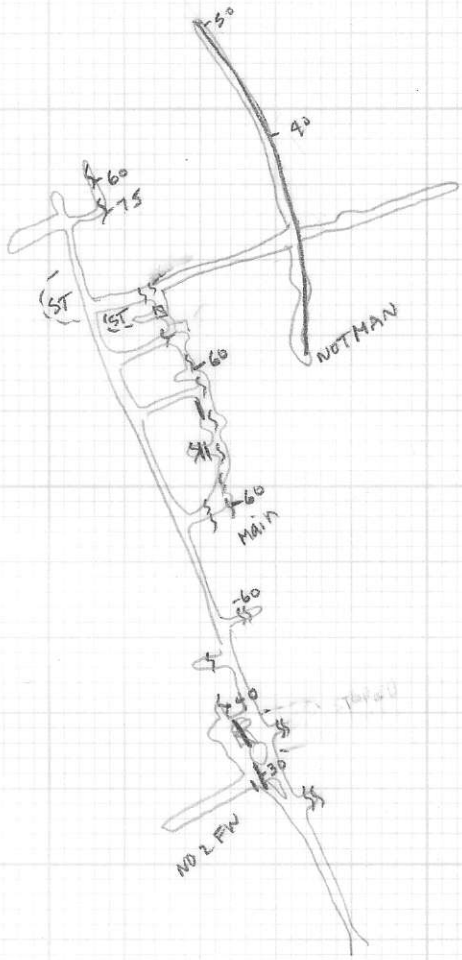
GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

NCI - 574
ATTITUDES (100/40 N)
SANDSTONE SILTSTONE
CONGLOMERATE
VOLCANIC
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
CHERT
SHALE
LIMESTONE DOLOMITE
INTRUSIVE
SILT X SOIL ● ROCK ■ PAN △ WATER O
GOSSAN, MINERALS
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

Project	MS77	NTS		Scale	1:2,000	Page 6 of	Traverse
Sampler	SM	Location, Target (words)				Sample Nos	
Date	May 26/88	photo no.	NO.5			Cert. Nos	

- mapable granite bodies within diorite
- MAIN VEIN - sheared carbonate zone (with up to 3 quartz stringers to 1') 5-25'
  - N end shear = 5'
  - S end shear = 10'
  - shear zone contains strong fault zones 1-5' (sheared carbonate rock)
- NO. 2 FW VEIN - intersects Main Vein 100' below Level 5 in shaft
  - ribboned quartz 18"-30", narrows to N
  - probably joins main vein to S within "a short distance"
- NOTMAN, NO. 1 HW VEIN - well defined + continuous
  - parallels Main Vein, but in the S swings westward towards Main vein
  - dips 30-50°
  - quartz 1'-2' in center, 1"-2" at S + N ends.
  - No carbonate alteration
  - 1"-2" shearing on both sides of vein.



- mapable bodies of granite present.

NO.5

NCI-574
ATTITUDES ~100/40 N)
SANDSTONE SILTSTONE
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VOLCANIC
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SHALE
PAN △ WATER O
LIMESTONE DOLOMITE
SILT X SOIL ● ROCK ●
INTRUSIVE
GOSSAN, MINERALS
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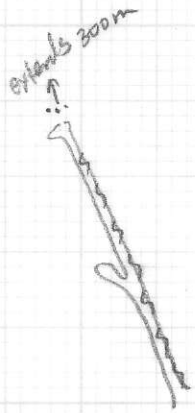
ASSAY:
GEOCHEM: Cu Mo Pb Zn U W

Project MS77	NTS	Scale 1:2,000	Page 5 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 4 + 4W (=4M)		Cert. Nos	

NO. 4 - Drift on Main Vein
- 4'-8' shear in first 335', but no quartz
- lacks strong carbonate alteration - diorite relatively unaltered
- caved at first stope ~335'
- quartz occurs at caved area - 2' ribboned grey quartz
- GSC - sample ran 2.08 oz/ton BCDM

4W drift on NO.2 FW VEIN
- quartz vein present in shear
- old assays - 6 of 38 had 7 oz Au



5120006 Au 7 oz 4W

NO.4

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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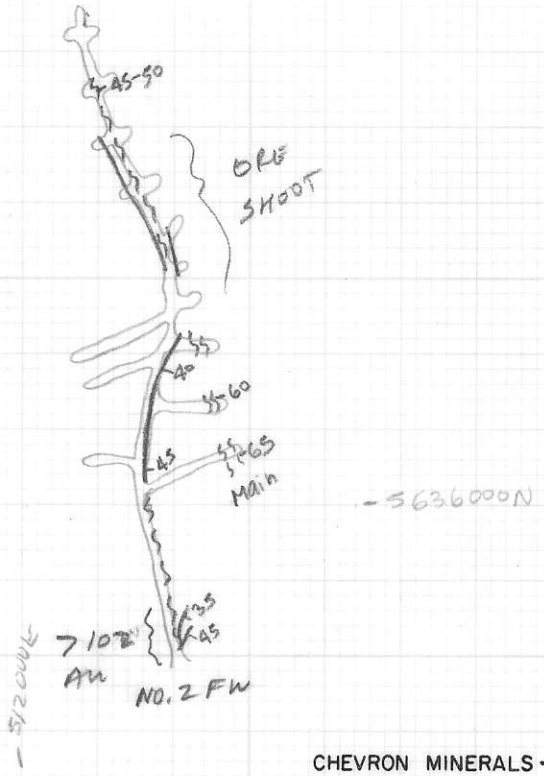
NCI-574

Project M577	NTS	Scale 1:2,000	Page 4 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 3		Cert. Nos	

- NO.2 FW vein exposed at portal curves east + joins in with the Main Vein at 310' in.
- caved at this point (310' in) where a stope extends up + down
- 2 flat (35° + 40°) hanging wall quartz veins branch from the No. 2 FW shear, (2"-6")
- No. 2 FW vein up to where it joins Main vein: 0'-1' carbonate rib, scarce quartz stringers, until 1st cross cut to E
  - at 1st cross cut to E 3' ribboned quartz lens.
  - lens extends N 2" - 2' at junction with Main vein
  - quartz is brecciated at junction with Main vein
  - well define 5'-30' zone of carbonate alteration

Main Vein - strongly sheared 15'-25' zone of carbonate alteration.
- Small quartz stringers to ½" (vertical)



NO. 3

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE — CONGLOMERATE — VOLCANIC — CHERT — SHALE — LIMESTONE DOLOMITE — INTRUSIVE — GOSSAN, MINERALS

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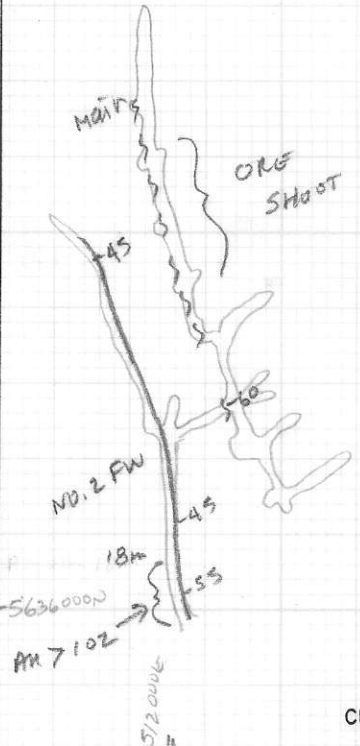
NCI - 574

Project M577	NTS	Scale 1:2000	Page 3 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 2M		Cert. Nos	

- No. 2 FW - at portal
  - persistent quartz vein 1"-6" (locally to 1' or 2')
  - very little shearing
  - slight carbonate alteration
  - assays to 1 oz/ton Au in first 60'
  - stoped above the level at 80-125' in where quartz is well ribboned + up to 1'

Main Vein
- carbonate zone w/ vertical quartz stringers cut by strike faults.
- ORE SHOOT ABOVE NO 2 M level reported to contain 12,000 tons of 1 oz Au material!
  rake of FW of this shoot is 35° to SE.
- 30' from portal; 14" sample 1.60 oz/ton Au, 0.2 oz/ton Ag
  30' from portal 3.6' wide sample in hanging wall - 0.90 oz/ton Au, 0.2 oz/ton Ag
- sample on main vein, 2' "decomposed seam" - 0.32 oz/ton Au, 0.08 oz/ton Ag.
- free gold scattered on slickensided surfaces



NO. 2M

NCI - 574
ATTITUDES (100/40 N)
SANDSTONE SILTSTONE
CONGLOMERATE
VOLCANIC
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
CHERT
SHALE
PAN △ WATER O
LIMESTONE DOLOMITE
SILT X SOIL ● ROCK ■
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GOSSAN, MINERALS
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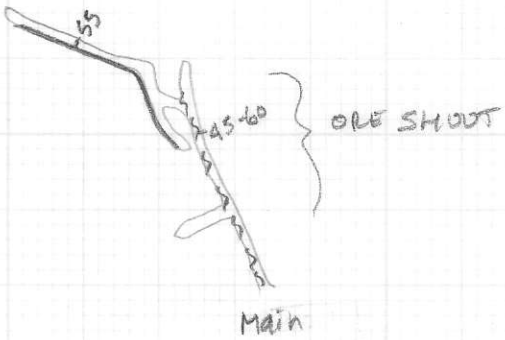
GEOCHEM: Cu Mo Pb Zn U W
ASSAY:

Project M577	NTS	Scale 1:2,000	Page 2 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 1		Cert. Nos	

- drift on Main vein
- caved at portal
- slightly sheared carbonate altered rock w/ quartz stringers, fine grained pyrite + sphalerite.
- values up to 1 oz/ton
- 16' from portal sample across 18" - 5.12 oz/ton Au 1.2 oz/ton Ag
- 35' from portal, 8" sample - 0.30 oz/ton Au, 0.1 oz/ton Ag



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NCI - 574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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SILT X SOIL ● ROCK ■ PAN △ WATER O

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5120000E

5636000N

No. 1

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

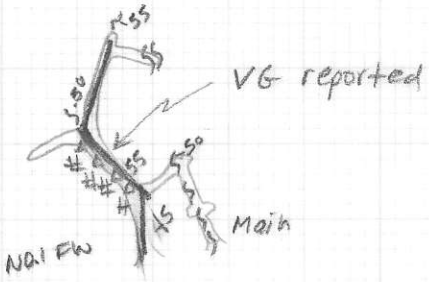
Project M577	NTS	Scale 1:2,000	Page 1 of	Traverse
Sampler JM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 0		Cert. Nos	

- drift on NO.1 FW
- vein 8"-12"
- 1' carbonate alteration
- 14 of 27 samples >102 Au, 2 >2002!
- cut by diagonal vein at 1st cross cut E

Diagonal vein - quartz vein 6"-12"
- ribbon quartz in HW
- silicified quartz breccia
- 3' FW zone of quartz stockwork
- quartz & pyrite + Visible gold
- narrows out into 3" shear zone

continuation of NO.1 HW
- 14" quartz to stringers

Main Vein - 10' zone of carbonate alteration
- a few vertical quartz stringers.
- strong post vein strike faults



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NO. 0

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

NCI-574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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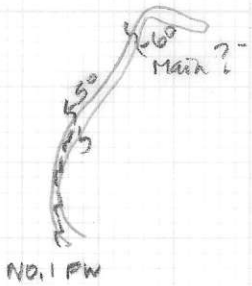
Project 1577	NTS	Scale 1:2,000	Page 0 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. PAXTON		Cert. Nos	

- drift on NO.1 FW
  - carbonate zone with up to 6" quartz (locally)
  - 1' sheared rock
  - vein narrows + shear narrows at 50' in to 2"

Main Vein ?? - strongly sheared FW
- no carbonate alteration in HW
- FW carbonate altered.



-5 636000N

PAXTON

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

ICI - 574

ATTITUDES ~100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC CHERT SHALE LIMESTONE DOLOMITE INTRUSIVE GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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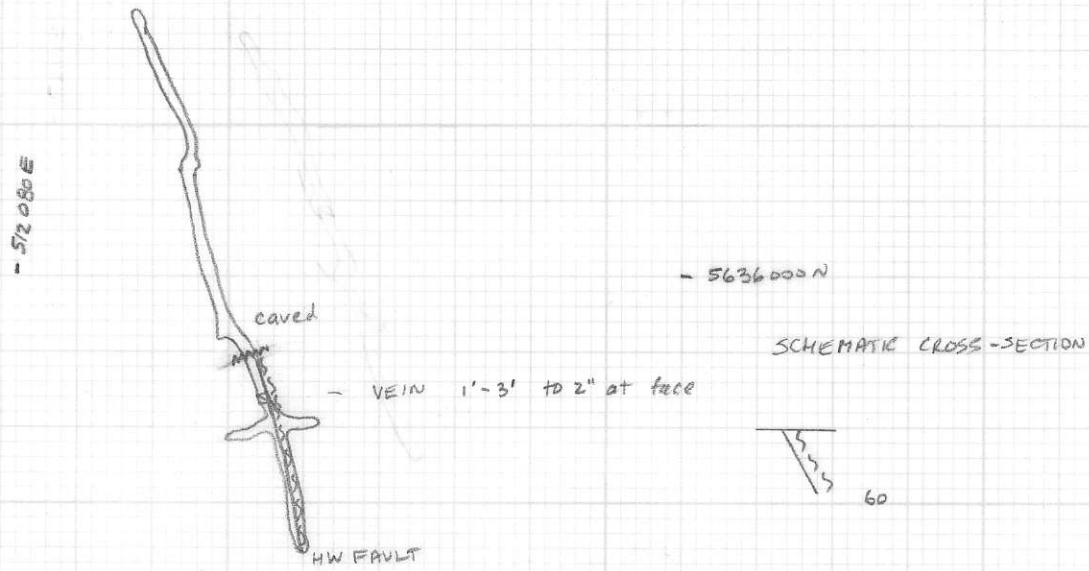
Project MS77	NTS	Scale 1:2,000	Page 7 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 7		Cert. Nos	

- gash quartz vein flatter than MV ⇒ MV in reverse fault
- Main vein only, similar to Level 8



GOING UP SHAFT TO LEVEL 6 STATION AND TO LEVEL 5 SHEAR ZONE AND QUARTZ VEIN DECREASE. SO THAT MAIN VEIN CONSISTS OF SHEARED CARBONATE ZONE WITH UP TO 3 QUARTZ STRINGERS, < 1' WIDE, SHEAR ZONE IS 5 - 25' WIDE

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

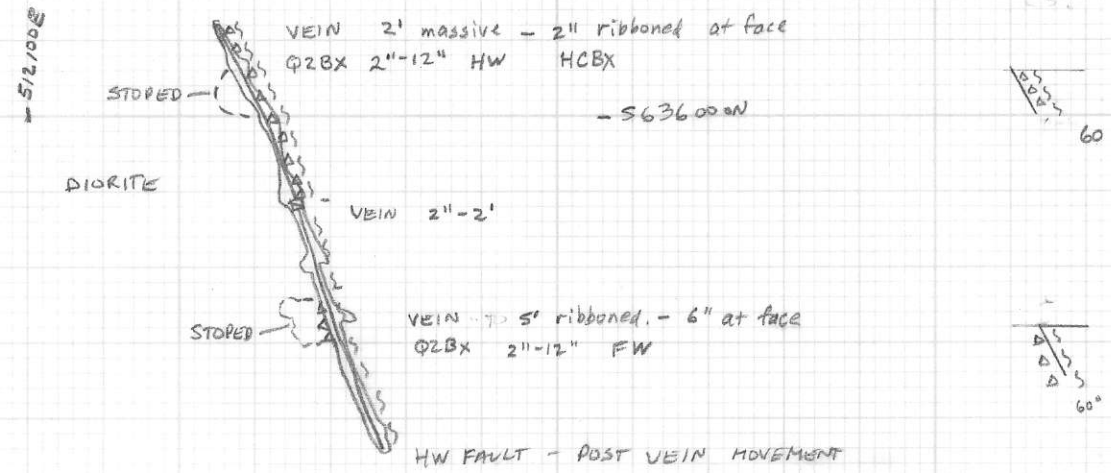
NO. 7

NCI - 574
ATTITUDES (100/40 N)
SANDSTONE SILTSTONE
CONGLOMERATE
VOLCANIC
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
CHERT
SHALE
LIMESTONE DOLOMITE
INTRUSIVE
SILT X SOIL ● ROCK ■ PAN △ WATER O
GOSSAN, MINERALS
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

Project MS77	NTS	Scale	Page 8 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 8		Cert. Nos	

- Main Vein only

SCHEMATIC C.S.



- FW zone of headcheese breccia carries "higher than average" values
- vein is entirely in Diorite
- carbonate alteration present within diorite near vein

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NCI-574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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SILT X SOIL ● ROCK ■ PAN △ WATER O

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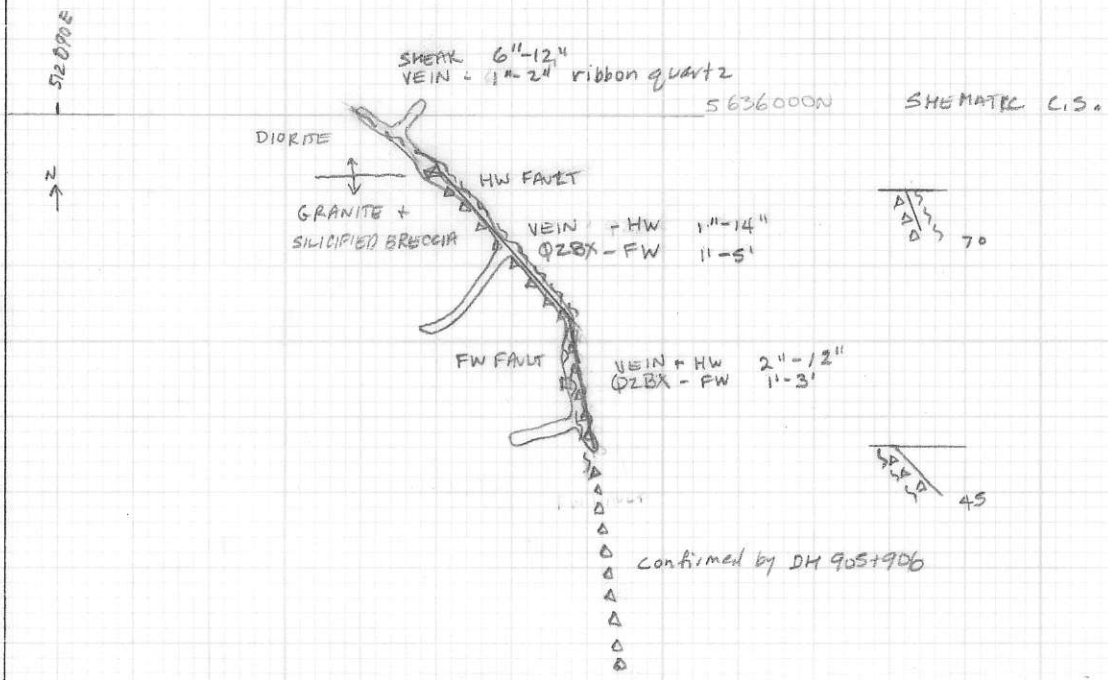
Project	MS77	NTS		Scale	1:2,000	Page 9 of	Traverse
Sampler	SM	Location, Target (words)				Sample Nos	
Date	May 26/88	photo no.	NO.9			Cert. Nos	

- mappable granite bodies within the diorite. N-trending 107m long x 46m wide granite in DH 905+906
- Feldspar porphyry DH 912 485-486' DH 914 94-99'
- Main vein + attitude changed from upper levels - 315°/30-45° NE
- gash quartz vein dip flatter than Main Vein ⇒ MV in reverse fault
- Main Vein - 4-14" massive to ribboned quartz vein (HW)
  - 1-5' irregular FW zone of silicified breccia (stock worked + veined granite ⇒ quartz breccia)
  - largely in granite



- mappable bodies of granite occur (granite increasing with depth?) in
- granite in DDH 905 + 906

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NO. 9

NCI - 574
ATTITUDES (100/40 N)
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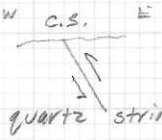
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

Project 91577	NTS	Scale	Page 10 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. MAIN VEIN		Cert. Nos	

- strike 335°-350° + dips 45° to 60° NE
- quartz vein w/ 1-2' carbonate alteration.
- quartz is massive to ribboned
- intravein fracturing has produced quartz breccia - quartz within dark matrix of crushed quartz and sulphides this is known as "head cheese - breccia" + is developed on one wall of the vein
- gold values are higher in the HCB (headcheese-breccia)
- post vein faulting is common - often vein width is doubled or absent from the shear.
- vein + wall rock silicification contain sparse sulphides
- sulphides occurring: pyrite, arsenopyrite, chalcopyrite
- native gold visible locally
- mariposite has been seen, but isnt characteristic
- MAIN VEAN occupies a reverse fault
- within zone of carbonate alteration - steeply dipping + vertical quartz stringers in shears (not tension fractures)
- ore shoots seem to occur where the dip flattens. (45-55°)
- carbonate alteration = ankerite + quartz + sericite + (mariposite - very minor)
  - 2" - 15' envelope · persists even where vein is narrow
  - alteration margins range from gradational over 2' to sharp, almost dyke like
  - normal hydrothermal alteration by pre-vein fluids.



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NCI-574

ATTITUDES ~100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC CHERT SHALE LIMESTONE DOLOMITE INTRUSIVE GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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Project M577	NTS	Scale	Page 13 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NOTMAN VEIN = NO. 1 HW VEIN		Cert. Nos	

- parallel strike of main vein, but flatter dip 335-350°/40-50° NE, in south swings W towards Main Vein
- persistent vein with little shearing, → occupies tension break
- No conspicuous carbonate alteration
- well defined + continuous
- only explored on level 5.
- quartz 1'-2' in width, narrowing down to 1"-2" at south + north ends of drift where exposed.
- 1"-2" shearing on both sides of vein

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (~100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT GOSSAN, MINERALS

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SILT X SOIL ● ROCK ■ PAN △ WATER O

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NCI-574

Project M577	NTS	Scale	Page 11 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 1 FW VEIN		Cert. Nos	

- parallel strike of Main vein but flatter dips 335-350°/40-50° NE
- persistent vein, little shearing → occupies tension break
- carbonate alteration - similar to Main Vein

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

NOI-574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

DEFINED —— INFERRED - - - ASSUMED.....

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

Project M577	NTS	Scale	Page 12 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. NO. 2 FW VEIN		Cert. Nos	

- Parallel strike of Main Vein, but flatter dip 335-350°/40-50° NE
- persistent vein, not much shearing → occupy tension fractures
- carbonate alteration - similar to Main vein
- 4W drift follows NO.2 FW vein.
- No. 3 : No. 2 FW vein intersects Main Vein.

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NCI - 574

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS	Scale	Page 14 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. 3T VEIN 3T ADIT		Cert. Nos	

- FP dyke 20' wide striking NW dipping 75° NE outcrops along west wall of vein.
- caved at portal
- follows shear zone developed at contact between granite to the east and 25' wide FP dyke on west
- attitude 290°/75° NE
- some vein quartz found in shear

ADIT 375' NW of 3T TRENDS 330° 38', 058° for 15' + 330° for 10'
- follows 6" quartz-calcite vein for 40'. where vein becomes 6" shear 330°/50° NE with 1/4" calcite-quartz vein
- from 40' to face: 2 NW calcite-filled joints dipping 20° NE. No sulphides
- green stain in vein quartz at portal ⇒ chalcopyrite / tetrahedrite?

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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ICN - 574

Project M577	NTS	Scale	Page 15 of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date May 26/88	photo no. COMMODORE VEIN		Cert. Nos	

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

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GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —————— DAILY TRAVERSE REPORT

NCI - 574

SM-8 May 27/88 Y/2

VLF TEST ACROSS CULVERT W/ WATER

FAIRWIE SEATTLE STATION

	INP		QUAD	FF (X1+Y2)-(X2+Y1)	
0 m	+15	26	+4		
10E	+11	24	-2	-1	
20E	+14	27	-2	2	
30E	+13	22	-5	5	on culvert
40E	+9	18	-10	-1	(wak
50E	+9	23	-10		
60E	+14		-8		
70E	+21		-6		

TEST OVER WAYSIDE MAIN ZONE ~~SEATTLE~~ FAIRWIE

0E	-10	-32	+17		
10E	-22	-40	+32	10	
20E	-18	-42	+28	19	
30	-24	-59	+22	-5	over ddits
40	-35	-37	+38	-83	
50E	-2	24	-38		truck!
60E	+26	51	-42		
70E	+25		-37		

Test on road between NO. 5 level + NO. 4 level

TWO BOB ZONE

NEVILLE CROSBY INC 45 LF

FROM CORNER (X) 14 m 22° to 87-8

FROM (X) 11 m 358° + 87-2

FROM 87-8 12.6 m 265° to End T-12

T-12 - 265° 12.6 - 38 m 22.4 m - contact

From West of trench T-12

0-25 m 266° west to E

0-8 010° to W end Trench

TRENCH: 0-12 m 023°

12-20 m 039° contact 19m

20-28 m 072° E end of trench end.

15m 051° from 87-8 to end of drill road/road

FROM (X) 223° 3.5 m to E end T-13

T-13 0-11 m 245° shear at 11 m

11-28 m 253° W end T-13.

along road from (X) post 3 Jon's marker excluded

(X) from 3rd marker 080 260° to T-14

0-28 080 260° 7-10 ulg 28 W end T-14

28-38.7 069 249° T-14 33-37 rusty shear

38.7-41.4 125°

41.4-n 46m 083° to E end T-14

FROM Bear JUNCTION ALONG ROAD

135 m to BL

188 m to T-201 from road

May 27/86 SM-8 2/2

at 188 m set to 0 (walking road)

0- 20 123° W end T-201

T-201 152° 0-33 m dyke 21.5 - 37 m

33-46 m 136° end of T-201

See May 22 & 23 for photo maps.

SM-9 May 28/88 1/2

rainy am sunny at noon SMSW-3to7

Marcus adit area.

103 m along road E from turn off (E side) to wipe out road to road to Marcus adit.

down w side of road

✓0-19.7 m 149°

✓0-39 m 124°

✓0-24 m 146°

✓0-9 m 178° to E end T-3

✓T-3 0-25 m 208° 17.7-19.7 rusty shear zone in diorite at 075°/80°SE - W contact - 11 shears!

335°/63°NE E contact

✓T-2 13 m 092° from E end T-3

✓T-2 0-27 m 189°

✓9.7m contact w sed's to E 300°/67°NE

sed's sheared & rusty for ~3 m

9m-250°/78°NW - Shear w clay gouge in doubt.

TRENCH 2 ABOVE MAXTON ADIT

T-41 - 032° 0-26.1 m

0-2.7m Unaltered, med grained dioritic light brown weathered surface, green & white on fresh surface - chloritized, weakly fractured

NEWLLE CROSBY INC 45 LF

T-41	width (m)	tape at sections of trench
0	0.5	
1	1.3	
2	3.0	
3	3.0	
4	2.8	
5	2.3	
6	1.2	
7		
8	1.0	
9		
10	.80	
11		
12	.80	
14		
16	.80	
18	.70	
20	.90	
22	.80	
24	.90	
26		

2.7 - 4.5 m

Diorite intensely rusty weathered zone of pervasive carbonate alteration, FW contact 285/70°NW, numerous prominent parallel fractures - 270°/50°N to 272°/55°NE, to 260°/72°NE 4 mm orange clay gouge at FW contact, 0.4-0.8cm wide crystalline calcite veinlets ∥ fracturing (∥ contacts) 0.3% diss py, fresh surface light green grey, cut by 1-2mm wide black (fine sulphide) veinlets these parallel + crosscut the calcite veins, up to 30% quartz associated w/ calcite veins.

HW contact: 272°/65° NE.

SM8W-3	1.0m	FW DIORITE
SM8W-4	1.0 m	ALT. DIORITE
SM8W-5	1.45m	ALT DIORITE
SM8W-6	0.9 m	HW DIORITE

4.5 - 26.1 m

unaltered weakly sheared diorite, chloritized dark green + white colour on fresh surface

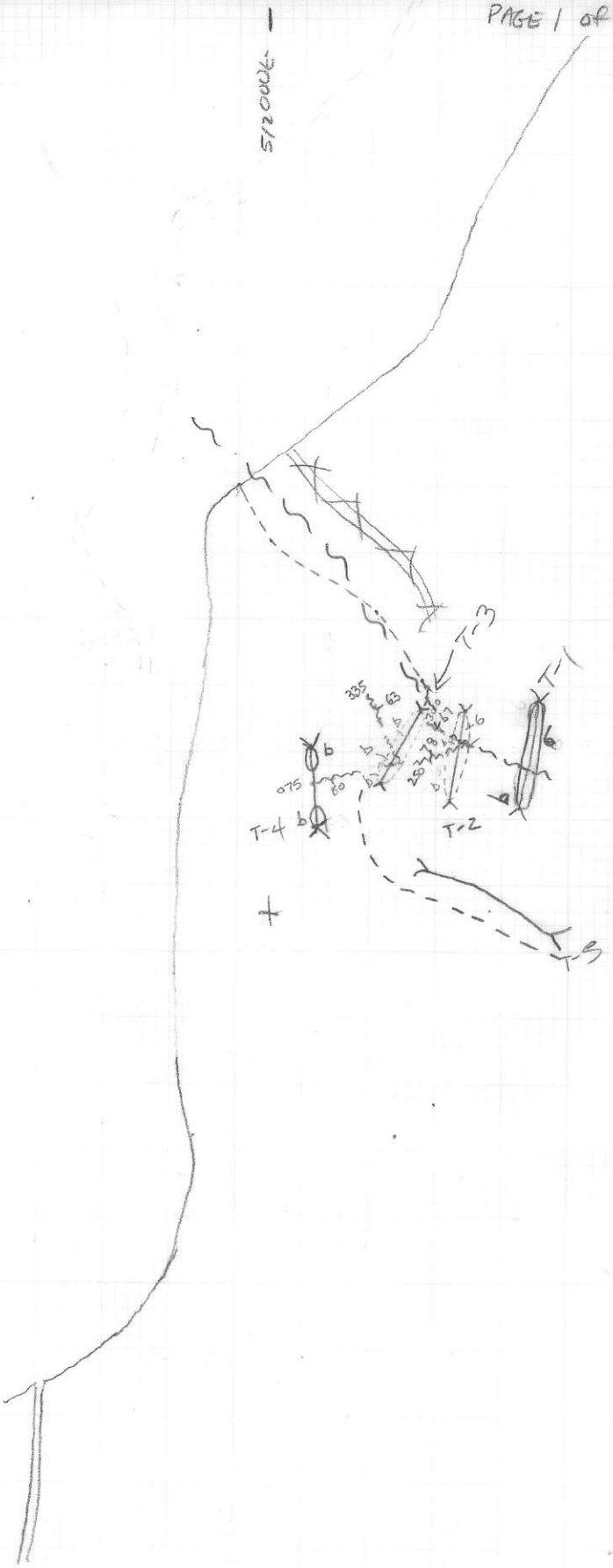
19.9m - 1-2cm wide quartz calcite vein 330°/78°NE,

SM8W-7 19.7 - 20.2 (0.5m) across vein

MAY 28/88

MARCUS ADIT AREA

1:2,000



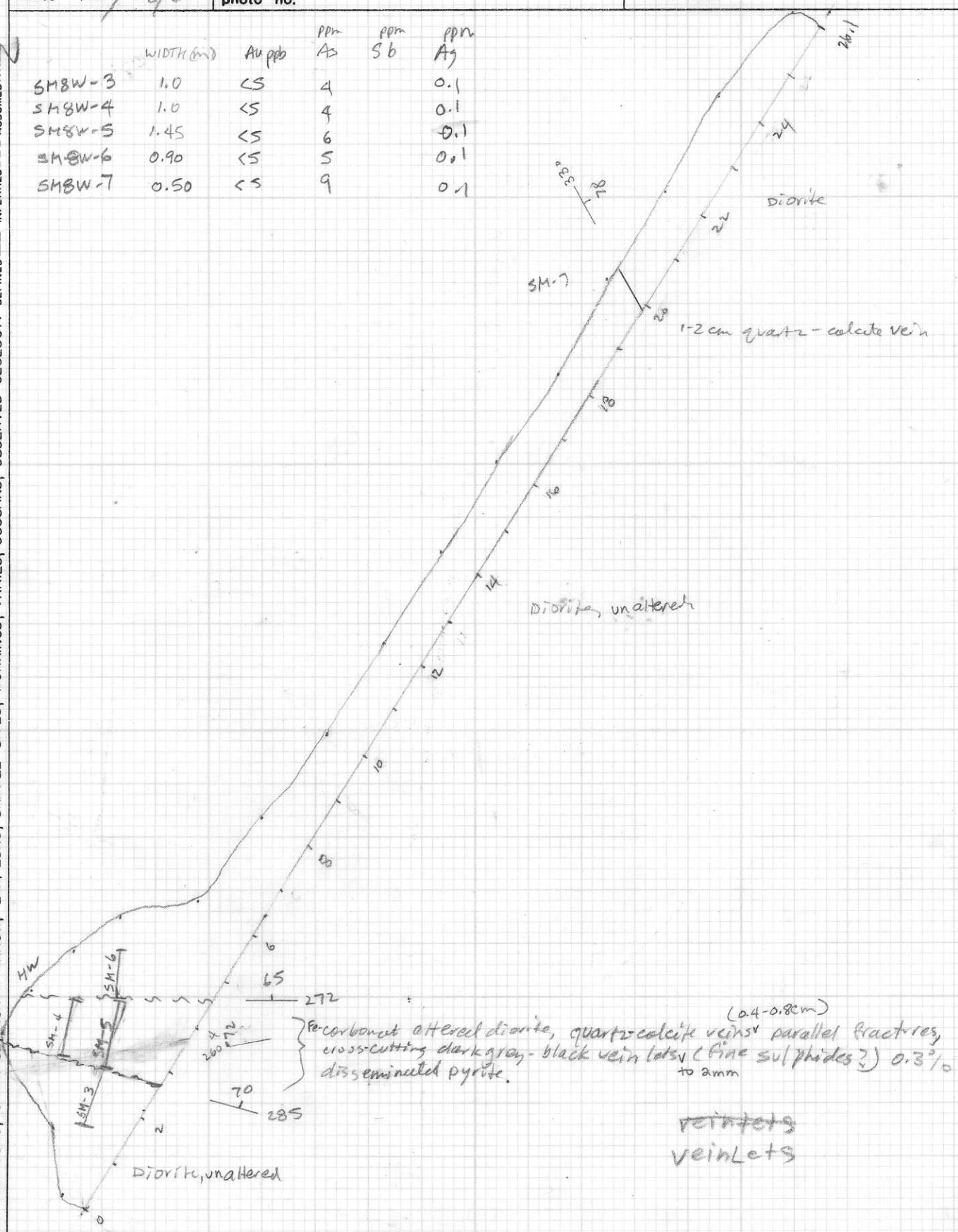
5,636,500N

M-577-6-11

512 000E

Project MS7	NTS 92J/15NE	Scale 1:100	Page 2 of 2	Traverse SM-9
Sampler SM	Location, Target (words) T-41		Sample Nos SM8W-3 to	
Date May 28/88	photo no.		Cert. Nos	

	WIDTH (m)	Au ppb	ppm As	ppm Sb	ppm Ag
SM8W-3	1.0	<5	4		0.1
SM8W-4	1.0	<5	4		0.1
SM8W-5	1.45	<5	6		0.1
SM8W-6	0.90	<5	5		0.1
SM8W-7	0.50	<5	9		0.1



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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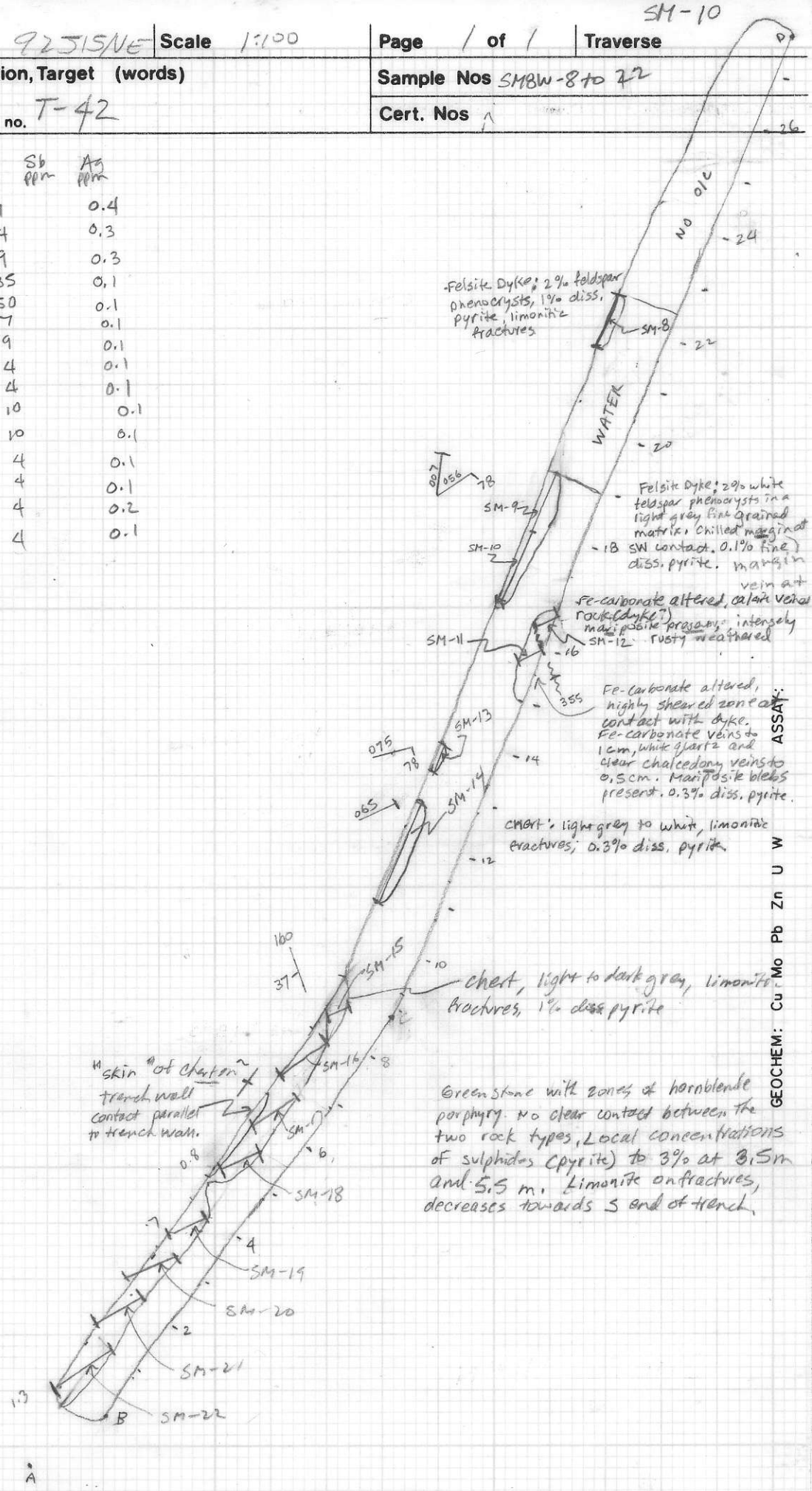
SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS | ATTITUDES 100/40 N

NCI-574

Project	M577	NTS	92J15NE	Scale	1:100	Page	1 of 1	Traverse	SM-10
Sampler	SM	Location, Target (words)				Sample Nos	SMBW-8 to 22		
Date	May 29/88	photo no.	T-42			Cert. Nos			

	WIDTH (m)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW-8	1.0	50	29		0.4
-9	1.1	35	24		0.3
-10	1.3	45	19		0.3
-11	0.5	5	35		0.1
-12	0.4	5	50		0.1
-13	0.5	<5	7		0.1
-14	2.0	5	9		0.1
-15	0.5	<5	4		0.1
-16	1.0	<5	4		0.1
-17	1.0	10	10		0.1
-18	0.8	<5	10		0.1
-19	0.7	<5	4		0.1
-20	1.0	<5	4		0.1
-21	1.0	5	4		0.2
-22	1.3	<5	4		0.1



NCI-574
ATTITUDES ∠100/40 N
SANDSTONE SILTSTONE
CONGLOMERATE
VOLCANIC
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
CHERT
SHALE
WATER O
PAN △
LIMESTONE DOLOMITE
ROCK ■
SILT X SOIL ●
INTRUSIVE
GOSSAN, MINERALS
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GEOCHEM: Cu Mo Pb Zn U W
ASSAY:

SM-10 May 29/88 Y

Sunny +00l [SM8W-8 to 11]

Maras rd - 217m walking road from turn off

T-42 from: Wend

0m - A

0 - 1.6m 057 B = 0

10 - 8.8m 036 C

8.8 - 27.8m 022 D

on N side trend contact between rusty weathered carbonate altered rock to NW & FP dyke to E (rusty veined zone ~3m wide highly sheared parallel dyke contact) 355°/81° NE!

- cleared trench w/ pelicon pick + broom

18.9 - 22.4m water - o/c on N wall at 21.4 - 22.4m

22.4 - 27.8m - no o/c.

21.4 - 22.4 white to light grey felsite dyke w/ up to 2% white feldspar, limonite fracture fill, diss pyrite sulphides to 1% -

[SM8W-8] sampled ⊥ to wall

16.3 - 18.9 o/c along N wall felsite w/ rusty fracture

NEWILLE CROSBY INC 46 LF

		width m	
SMBW-8	22.4 - 21.4	1.0	felsite
" 9	18.9 - 17.8	1.1	felsite
10	17.8 - 16.0	1.3	felsite
11	15.5 - 16.0	0.5	Fe-carb rock

NB. O/C on S. wall 16.6 - 15.m

16.0-18.9 cont, finer grained near W contact - chilled margin but feldspar & still weak fracture: 007°/V (// contact ?)
056°/78° SE
fine dis. pyrite. locally felsic appearance grey - fine sulphides concentrated here? NOTE: trench not ⊥ to dyke so samples are not true width across dyke
SM8W-9 + SM8W-10 along N wall
abundant shearing // to W contact + increased limonite. W dyke contact at 16.0 m ~ 345°/V. dis pyrite - 1% pervasively

15.0-16.0 Fe-carbonate altered zone, highly sheared cut by Fe-ca veinlets, white quartz veins & 5mm + clear chalcedony veins to 5mm - all veins roughly parallel shear + contact orientation. sampled along S wall so not true width. dis sulphides present SM8W-11
blebs of massive present - intermixed to carbonate veins

SM-11 May 30/88 1/3

SMBW-12 to 22

for carbonated veined

SMBW-12 - 0.4m of dyke (?) near contact w/ sheared + altered rock. contact better exposed now - attitude 175°/64° W, marginal chilled, diss pyrite 3%. sampled true width.

13.0-13.5 o/c on N wall only, rusty weathered - limonite coating fractures, white to light grey chert, 0.3% diss. pyrite. well fractured: 075°/78° SE SMBW-13

10.5-12.5 chert - o/c on N side trend, as above. fracture 065°/V SMBW-14

7.8-8.8 chert: as above, o/c on N side of trend light to dark grey, increased diss pyrite to 1%. well fractured - 078°/75° SE contact to NW with hornblende porphyry to greenstone). contact at 160°/37° SW.

SMBW-15 chert. near ~~the~~ contact chert blocks mixed with dark brown-purple fine grained material - ash?

NEVILLE CROSBY INC 46 LF

SMBW-12	0.4m	- (EO) dyke/shear contact		TW
13	0.5	13.0/13.5		
14	2.0	10.50-12.5		
15	0.5	Chert	TW	
16			TW	
17				
18				
19				
20				

May 30/88 SM 11 2/3

0-7.8m - greenstone range from dark green fine grained greenstone to hornblende porphyry within a fine matrix of dark green material mostly weathered, local concentrations of pyrite to 3%, at 4.5-6.3 m in top of north wall a sliver of chert is caught up - looks like we trended this one almost parallel to this contact between greenstone to wht chert to SE. this contact is irregular & steep - not measureable due to poor condition of trench wall. less limonite stain at W end of trench. at 5.50m - sulphides (pyrite mainly) to 3%, also at 3.5m where sulphides range to 5%.

0 at E end T-42 0-8 m 024°

0-40 m 134° 30 in inside corner 40 - edge of rock

40-67 m 070° along road to muller on rock.

0-6 m 200° from muller.

T-43 0-12 m 217° along south trend

12-29.5 203° W end T-43

0-30m 089° from W end T-43 to W end T-41

0-33 m 333° from W end T-41 to muller

0-199 m along rd from muller to lower junction.

NEWILLE CROSBY INC 46 LF

741 257°/75° NE

May 30/88 SM-11 3/3

T-43 starting from E end of trench

0-9.4m - no O/C

9.4-29.5m dark grey to black, v fine grained rock - sed - argillite ? - highly sheared non-calcareous no alteration visible, minor chlorite/sericite. amyg dioritic body probably near contact, could be some greenstone in here too. No samples taken - dull non-altered/mineralized rock.

TRENCH TWO BOB 550N 410E to 460E
550N 490E +

T-44 174m along N side of road.

✓ 0 18 m 208 ° from 174 to E end T-44

05 m SW side of road

T-44

✓1) 0-11 230°

3.6-6m water. dep - ~4'

7.2m Wedge of hemp small collection of water.

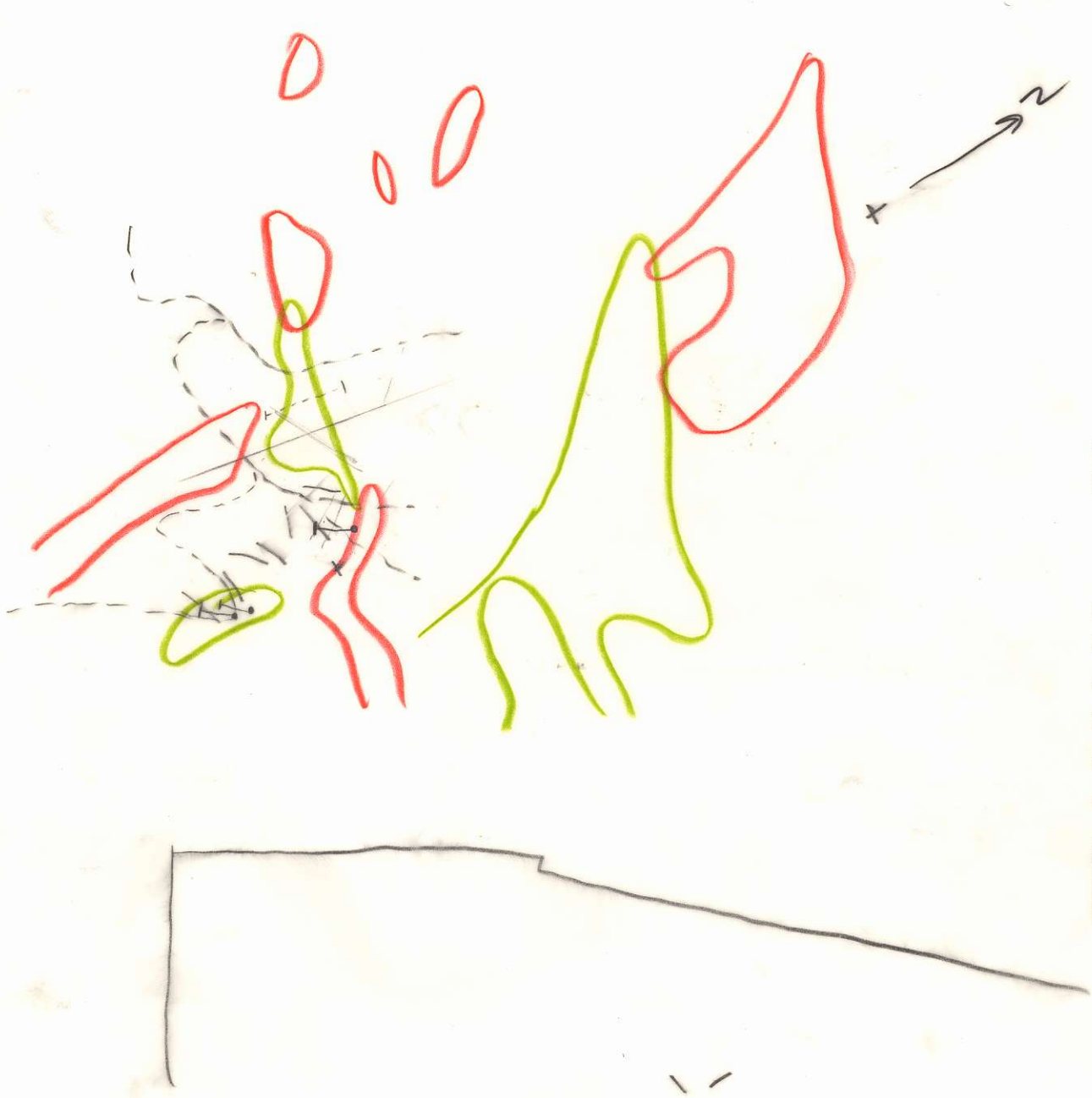
7.2-11m uphill (tape flat across top of T-44)

✓2) 11-17.7m 220°

17.7-22m 210°

22-31.2 205° End T-44

Project M577	NTS 92 J 15 NE	Scale 1:5,000 x	Page 1 of 5	Traverse SM-11
Sampler SM	Location, Target (words)		Sample Nos	
Date May 30/88	photo no. TWO BOB OLD VLF		Cert. Nos	



Sculle
Amoyel

GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

BCL 6662a—CSM

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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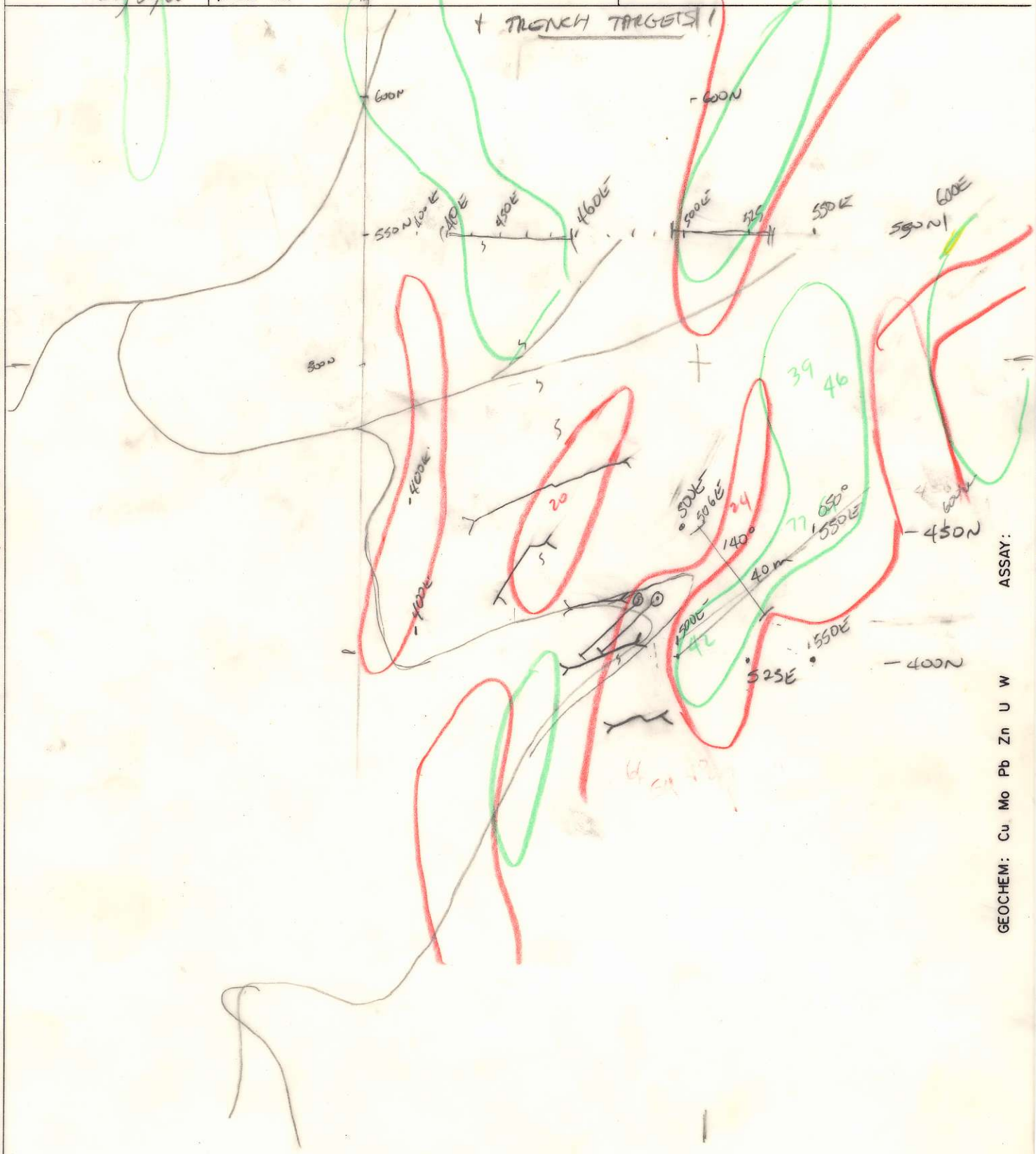
Project	NTS 92J15NE	Scale 1:2,000	Page 2 of 5	Traverse SK-11
Sampler	Location, Target (words)		Sample Nos	
Date May 30/88	photo no.	TWO BOB NEWLF + TRENCH TARGETS!	Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

Seattle.
cutter

BC11 66662 a--CSM

ATTITUDES (100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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NCI - 514

Project M577	NTS 92J/15NE	Scale 1:100	Page 3 of 5	Traverse SM-11
Sampler SM	Location, Target (words)		Sample Nos 10145 —	
Date May 30/88	photo no. T-43		Cert. Nos	

ATTITUDES ∠ 100/40 N)

SANDSTONE SILTSTONE

CONGLOMERATE

VOLCANIC

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

CHERT

SHALE

PAN △ WATER O

LIMESTONE DOLOMITE

SILT X SOIL ● ROCK ■

INTRUSIVE

GOSSAN, MINERALS

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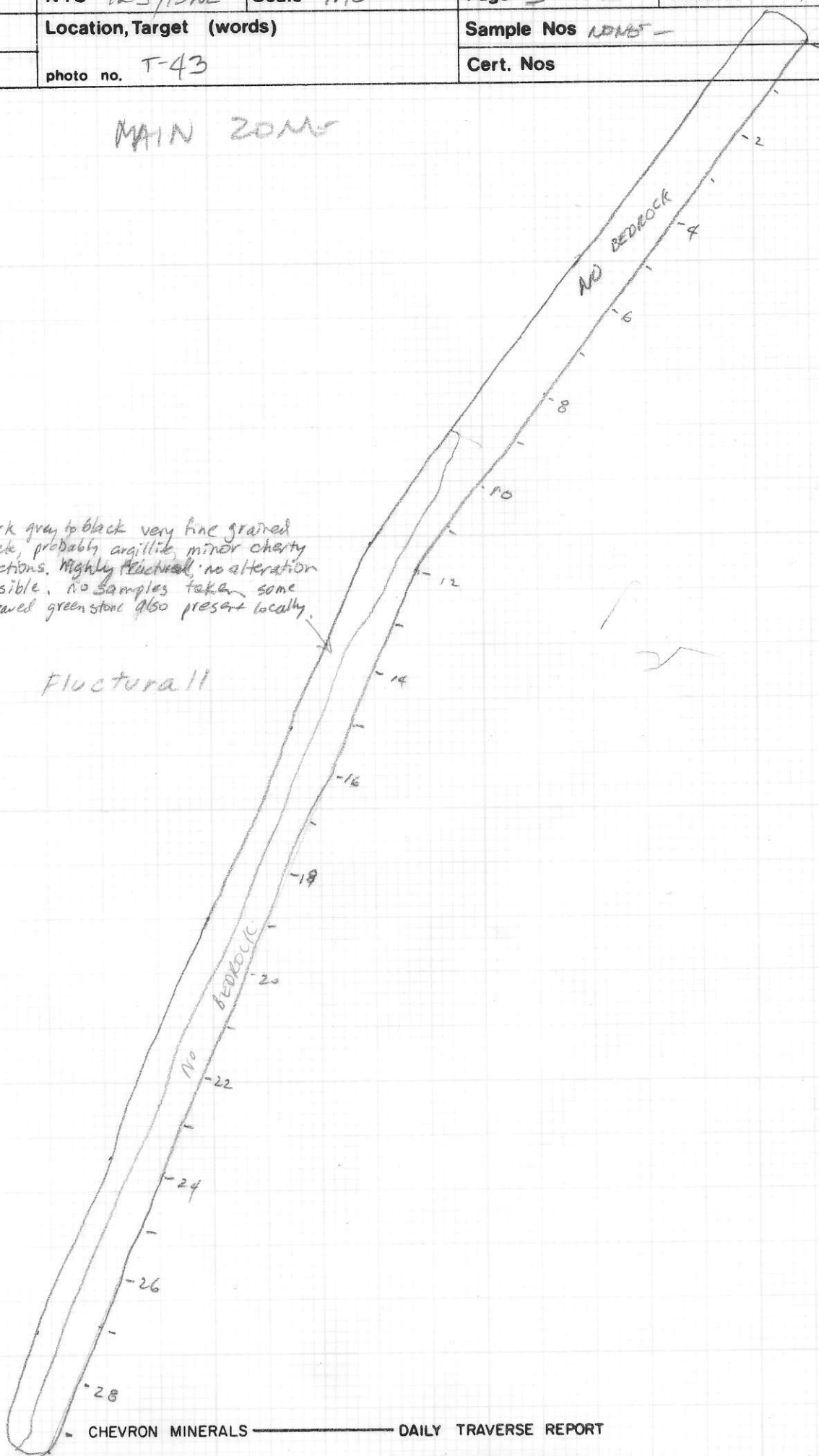
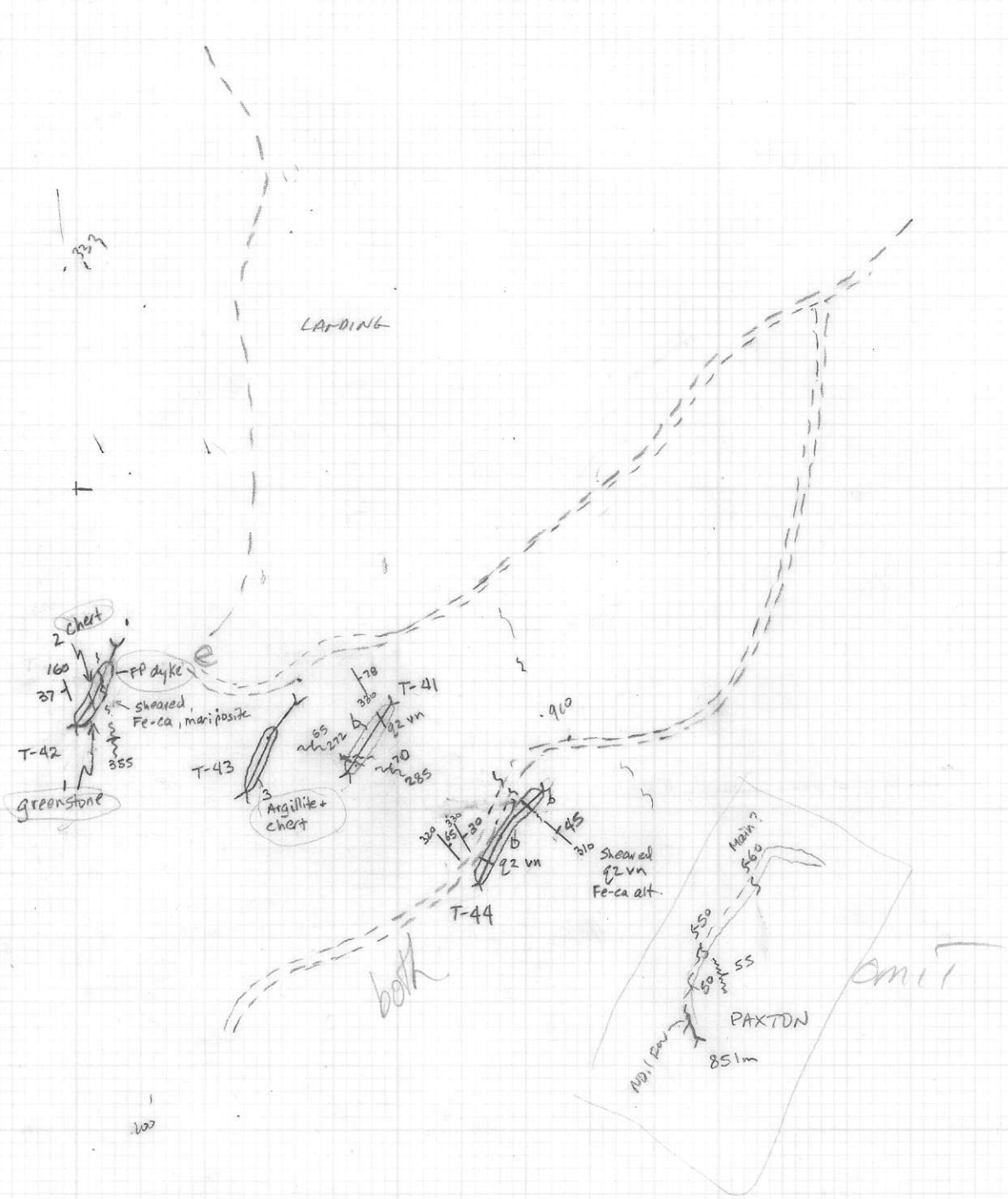


ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS 92J/15NE	Scale 1:2000	Page 4 of 5	Traverse SM-11
Sampler SM	Location, Target (words) TRENCH LOCATIONS		Sample Nos —	
Date May 30/85	photo no.		Cert. Nos	



M-577-G-10/11

+ 5686000N

5720000E

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

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SILT X SOIL ● ROCK ■ PAN △ WATER O

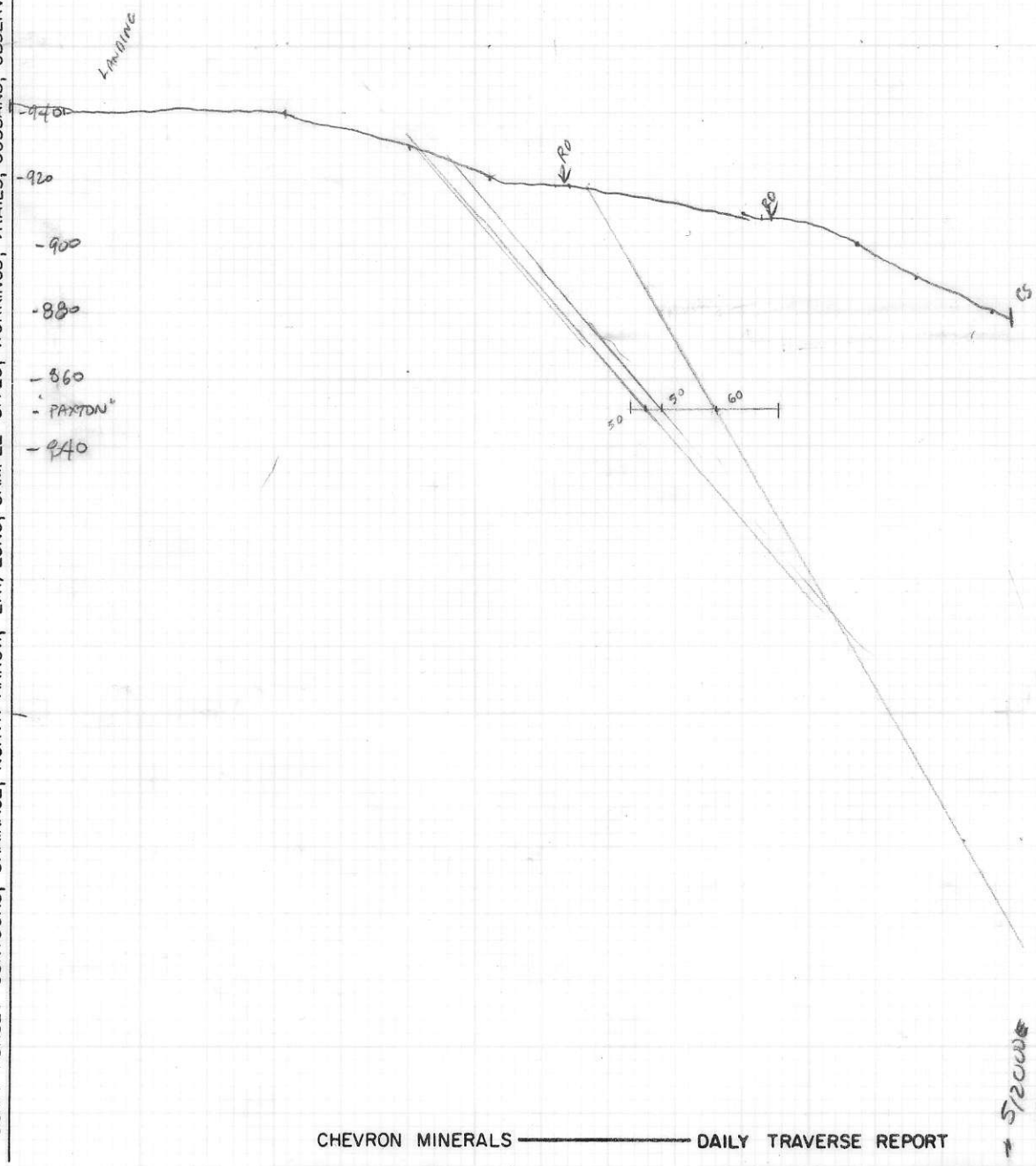
GOSSAN, MINERALS · INTRUSIVE · LIMESTONE DOLOMITE · SHALE · CHERT · VOLCANIC · CONGLOMERATE · SANDSTONE SILTSTONE · ATTITUDES (100/40 N)

NCI - 574

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

Project 1577	NTS	Scale 1:2000	Page 5 of 5	Traverse SM-11
Sampler SM	Location, Target (words)		Sample Nos	
Date May 30/88	PAXTON XS photo no.		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

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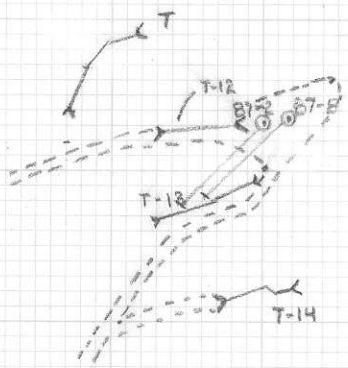
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

NCI-574

Project 577	NTS 92I/15NE	Scale 1:2,000	Page of	Traverse
Sampler JB	Location, Target (words)		Sample Nos	
Date May 30	photo no.		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DEFINED —— INFERRED - - - ASSUMED.....

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

SM-12 May 31/88 1/5

T-44

SM8W- 23 to 46

pumped out eastern end of trench & washed down the walls for excellent exposure (tape on side)

0 - 4 m amphi w/ coarse hornblende crystals, dark green, chloritized, no alteration, med-coarse grained. 3-4 [SM8W-26] HW shear

4m - S wall fault 210°/85°SE SS 4° → 210°

4m N wall 10cm wide black brittle shear 030°/85° SE

4 - 5m sheared clay altered zone w/ sheared Fe-rich altered rusty weathered rock as host to zone of quartz 5 - 30cm wide that parallel shear. sample both sides

[SM8W-23] N side 1.0m

[SM8W-24] S side, base 0.7m

[SM8W-25] S side high up

[23] = sheared quartz vein - drusy clay gouge, no visible sulphides

[24] = sheared alt. rock w/ 20% quartz vein

[25] = up to 40cm quartz at HW of shear

shear - 310°/45° NE

NEWLLE CROSBY INC 45 LF

T-44

SMBW-23	1.0	quartz shear
24	0.7	quartz shear
25	1.0	quartz shear
26	1.0	greenstone qz vn. ‖ shear
27	0.8	diorite
28	0.7	Fe-ca alt rock
29	1.0	diorite
30	1.0	diorite
31	0.4	diorite ca-qz vn
32	1.0	diorite ca qz vn
33	0.5	cross qz vn
34	0.5	cross qz vn
35	0.3	cross qz vn
36	0.8	qz vn ‖

May 31/80 SM-12 2/5

SM8W-27 - Sample at HW of quartz vein - dull looking diorite, no visible alteration

5-7.2 m (sub 1) very weathered Fe-carbonate rich diorite probably, forms a competent ridge in trend at FW of quartz basin shear very tough! cut by numerous tiny (to 5mm) Fe-carb veins, roughly ∥ shear, also cut by black veinlets to 2mm [SM8W-28]
SS 40° → 130°.

7.2 - 11 m into diorite of FW. cut by fault that parallels trend at ~ 040°/78°SE. fault zone is 20 cm wide, + consists of sheared diorite with minor bleaching to medium green
[SM8W-29] at 8m ⊥ to trend across fault this section of trend up hill so fault well exposed.

11 - 22 m med grained green diorite, cut by 2% calcite veins. fault not visible in this section
[SM8W-30] 16.8 - 17.8 m - typical of the section - ∥ to trend.

22 - 24.2 m diorite as above, fault now visible
215 °/65°W - 5% calc veins

diorite

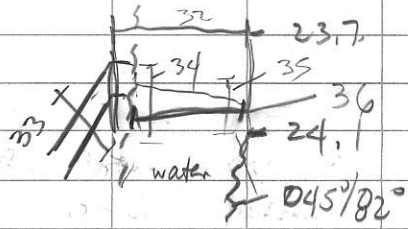
✓ cut by 4-8mm quartz calcite veins ~ ∥ fault & cross cutting ~ almost stockworked

SMBW-31 ⊥ to trend across fault & minor veining @ 22.6m

SMBW-32 ⊥ to trend across fault & more intense quartz calcite veining 23.7m

SMBW-33 up N rib across 2 quartz-calcite - white clay gouge veins @ 1cm thick & 15cm apart - attitude: 330°/30° NE (

these veins off set by fault near north rib on floor



SMBW-34 ⊥ to vein ∥ trend across 2cm wide black shear zone 332°/52° NE & 2cm wide white quartz vein w/clay gouge. - 320°/65° NE. these 2 converge at SMB

SMBW-35 ∥ to SM-34 but near S rib

SMBW-36 ∥ to 2cm quartz vein which was sampled in SM-33 & 34.

May 3/80 SM - 12 3/5

fault N to S rib 045°/82° SE SS out - horizontal (at 24.10)

24.9 South rib contact between diorite EF gray chert to W. 1mm clay gouge at contact. 300°/37° NE.

24.9-26m. Sib - chert

24.9 - end of trench N rib - diorite, no veins veining or alteration.

end of T-44

w/Kath white upgrade old TWOBB trench.
T-9 - exposed FP contact
T-10 - exposed FP contact.

T-45 TRENCH ACROSS VLF ANOMALY ON TWO BOB.
084° 9m from 5+50N 400E to west T-45
0 - 15.0 m 090° X
15.0 21.1 m 072° X
21.1 - 36.5m 078° X
36.5 - 46m 045° X
46.0 - 52m 060°

T-45 Two Bod zone.

TRENCH	OFFSETS	FROM START ALONG SWALE
0m	1.2 m	offset from Swale
14m	1.3 m	
17m	2.2 m	
17.8	2.0 m	
18.8	2.0 m	
21.0	1.0m	
30.0	1.0m	
36.5	1.5m	
40.0	~~[illegible]~~ 2.2m	
44.00	2.0m	
52.00	1.2m	

T-45

SMBW	37	2.0m	arg/siltstone
	38	0.5 m	shear zone
	39	0.2 m	qz vn
	40	0.2 m	qz vn
	41	0.9m	shear arg.
	42	0.7	FP dy w/ qz vn
	43	1.7	HFP
	44	0.35	qz vn in HFP
	45	0.5	HW of qz vn - dyke
	46	0.4	colluv

SM-12 May 31/88 1/5

T-45

0-17.0 m Interbedded black fissile to flaggy argillite + light grey limonite coated usually calcareous siltstone. Attitude 008°/81°SE moderately sheared from 9.5 m - 12.1m with limonite on fracture sample von N wall

at 14-17.2 m more dark grey to black greywacke (too coarse for siltstone) in the section - beds up to 40cm thick, argillite sheared here, but wacke is competent.

SMBW-37 2.6m up sheared argillite

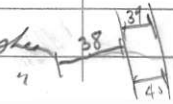
17.0-17.8 argillite + wacke as above, but cut by quartz + quartz calcite veins to 0.7cm. veins ⊥ + cut bedding - rather irregular. limonite coated fractures prevail

SMBW-38

17.8-18.0 20 cm wide shear zone - Fe-carbonated, manganese present, limonitic fracture with 3 to 4 parallel quartz veins to 1cm. attitude 335°/44° NE.

SMBW-39 20cm across shear

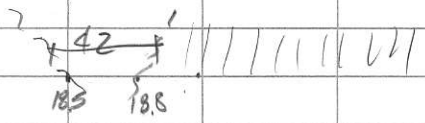
SMBW-40 20 m " "



T-45

18.0 - 18.5m Fe cu alt + sheared wacke, cut by numerous Fe-cu veinlets. SM8W-41 0.7m.

18.5 - 18.8 fault bounded sheared FP dyke, 15% white feldspar laths to 3mm w/ green matrix
W contact 295°/70° NE.
E contact 180°/66° W - 1cm wide white quartz vein
SM8W-42 0.7m



18.8 - 30.3m sheared but unaltered black argillite w/ bds to 30cm of wacke (recemented)
shearing 170°/88°

30.3 - 43.4 Trench N's W contact of sbb + FP dyke.
W contact w 085°/70° SE (30.3m)
E contact 345°/66° NE 43.40
medium grey hornblende feldspar dyke.
cut by 30cm zone of quartz veins + intersects sheared dyke rock.

SM-12 Store May 3/84

T-45 [SMGW-43] 1.7m dyke rock.

[SMGW-44] 300cm quartz vein - similar to FW quartz in T-44 S rib. ↳ porregular potato quartz

~~44 [PZ-0N] 45 253°/60° NW~~

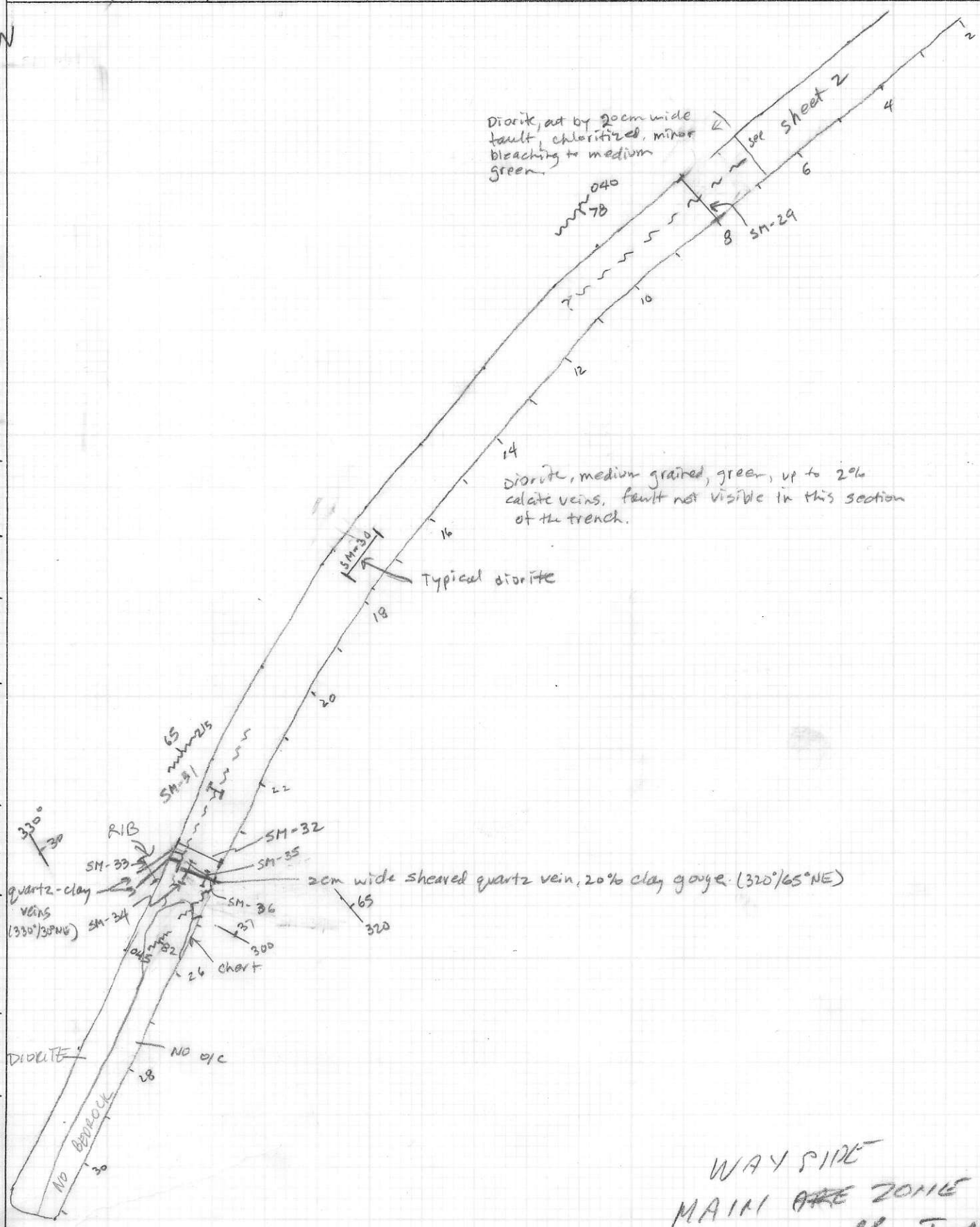
[SMGW-45] - 0.5m into HW of vein (in dyke) at 38.7m

43.4-52 m. argillite interbedded greywacke biomicrite fracture. bedding 334°/84°NE

[SMGW-46] 44-44.4m irregular zone of coarse calcite w/i greywacke.

end of T-45

Project M577	NTS 92I/5NE	Scale 1:100	Page 1 of 5	Traverse SM-12
Sampler SM	Location, Target (words)		Sample Nos SMBW-23 to 36	
Date May 31/88	photo no. T-44 above Paxton		Cert. Nos	



WAYSIDE
MAIN ~~AREA~~ ZONE
TRENCH 88-T-44
Fig 3

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

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

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

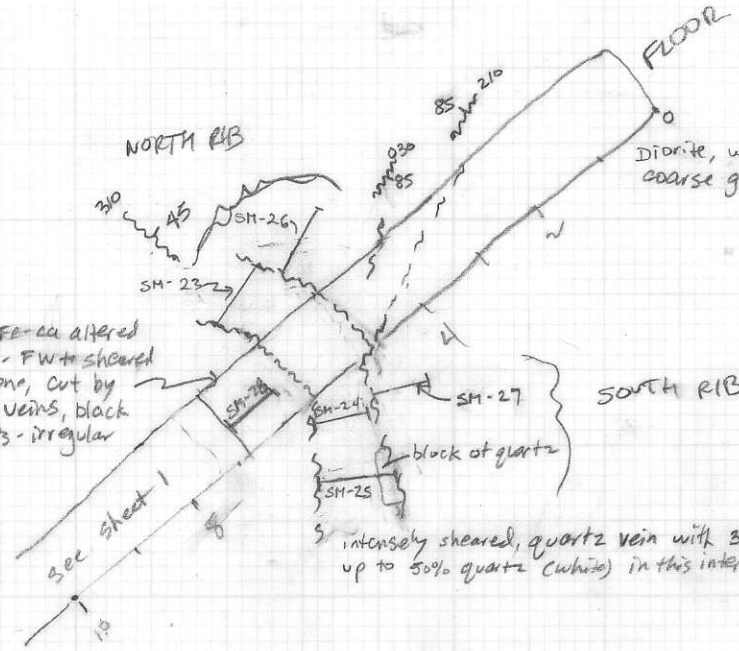
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

SILT X SOIL ● ROCK ■ PAN △ WATER O

NCI-574

Project M577	NTS 92 I/15NE	Scale 1:100	Page 2 of 5	Traverse SM-12
Sampler SM	Location, Target (words)		Sample Nos	
Date May 31/88	photo no. T-44		Cert. Nos	

	WIDTH (cm)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW- 23		300	590		0.3
24		700	1100		0.5
25		1500	1000		0.7
26		20	48		0.1
27		25	43		0.1
28		5	55		0.1
29		5	12		0.1
30		5	10		0.1
31		<5	5		0.1
32		<5	10		0.1
33		15	14		0.1
34		<5	7		0.1
35		15	9		0.1
36		20	9		0.1



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

NO1-574

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE

CONGLOMERATE

VOLCANIC

SHALE

CHERT

LIMESTONE DOLOMITE

INTRUSIVE

GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

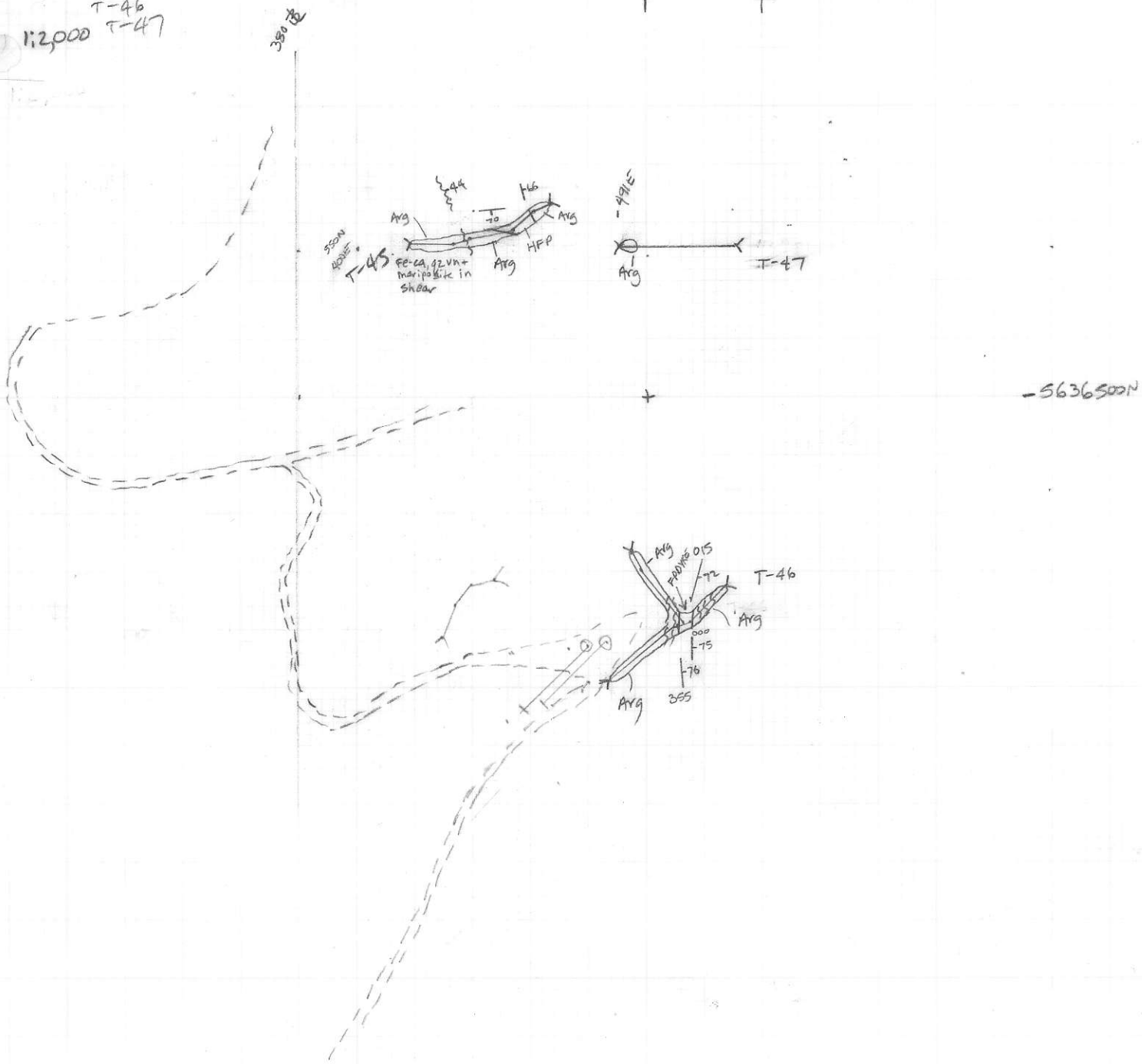
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

May 31/88 M577 3 of 5 SM-12

T-45 TWO BOB ZONE

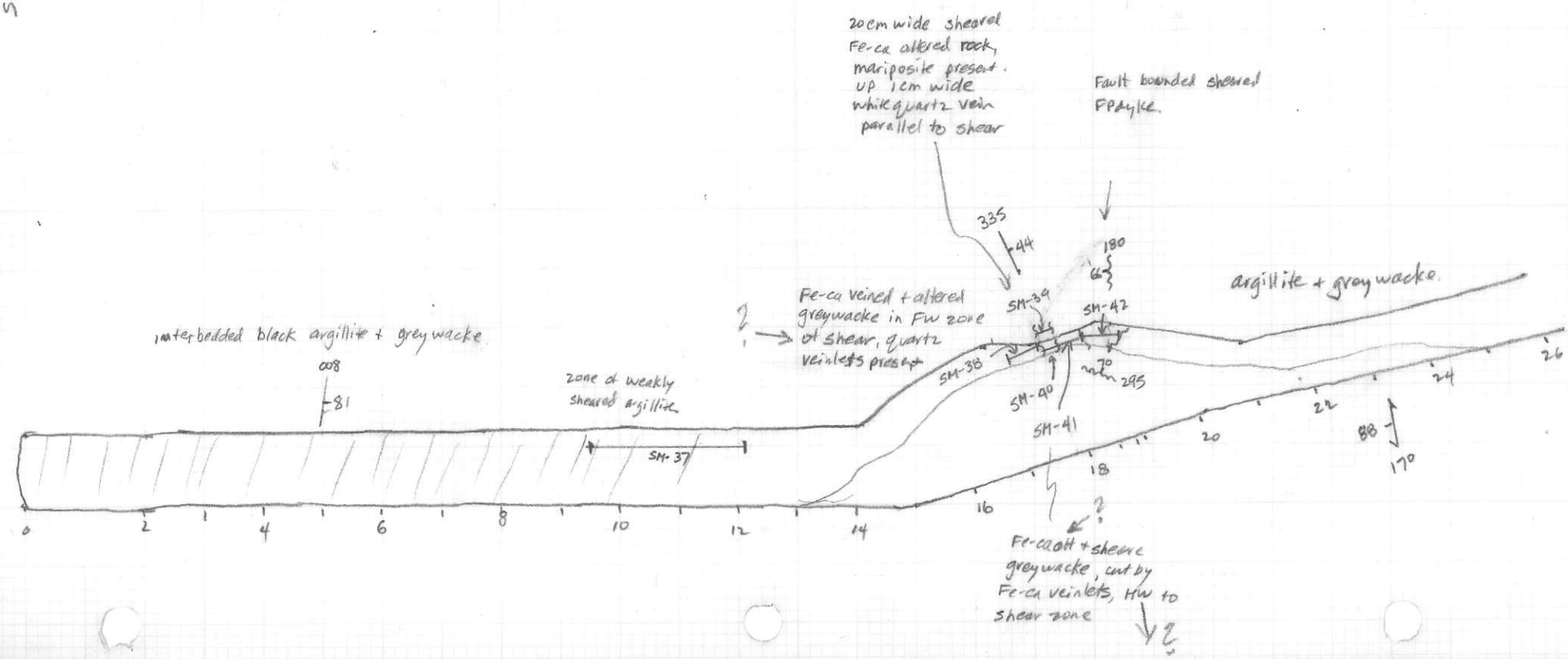
T-46
T-47

1:2,000



M-577-G-11

T-45



SM-12

May 31/88

SMBW-37 to 46

1:100

45-5

N

5 of 5

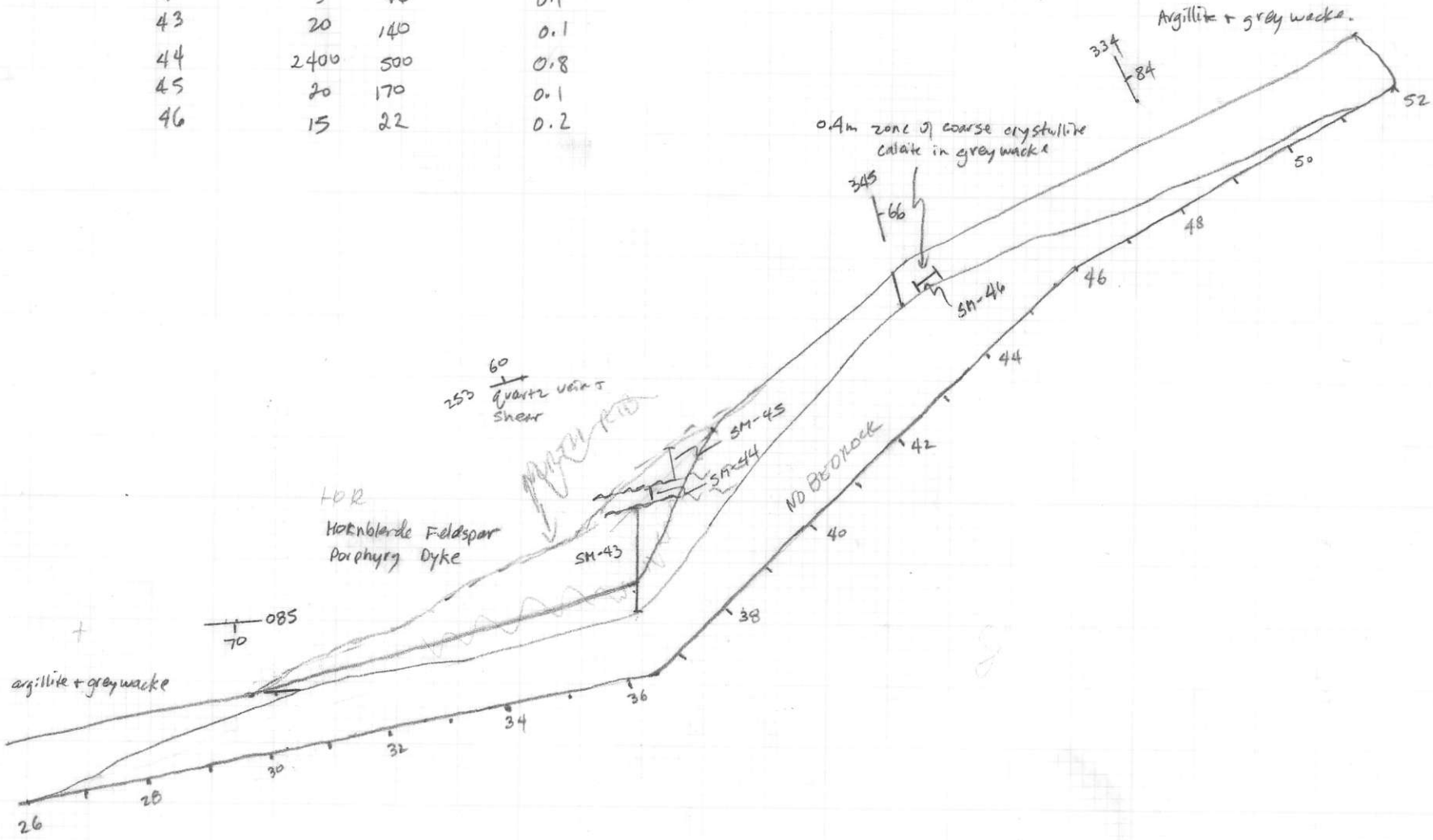
1:100

SM-12

May 31/88

T-45

	WIDTH (m)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW-37		105	73		0.5
38		50	100		0.2
39		40	500		0.1
40		20	550		0.1
41		<5	38		0.1
42		5	46		0.1
43		20	140		0.1
44		2400	500		0.8
45		20	170		0.1
46		15	22		0.2



SM-13 June 1/88 1/2

rainy T-46 (⊥ TRENCH near

SM8W-47 to 58 87-2+8)

0-29 m 229° across bottom of ⊥.

0-8 m - no o/c

8-30 m o/c on N wall, black argillite limonite on fractures, well fractured + sheared. Bedding 020°/82°SE 30% interbedded greywacke.

SM8W-47 0.8m ⊥ to ⊥ wall at 16.3 m - zone of greywacke w/ small quartz veinlets to 0.5cm cutting rock. veinlets are irregular. 26-30 - o/c also on S wall

30-33.8 m S wall exposure. Orange (not limonitic) FP dyke, 15% white 3-5mm feldspar laths, highly silicified, cut by 1-3mm dia to white quartz veinlets, up to 2% disseminated pyrite + other fine sulphides. W contact 035°/76°NE. E contact - 000°/75°E.

SM87-48 1m in FW of dyke w/i org.

49 30.9 - 31.2

50 31.2 - 32.4

51 32.4 - 33.8

T-46

0-29m 049° 1.2m wide

29-34m 070°

34-51 044° E end of ⊥

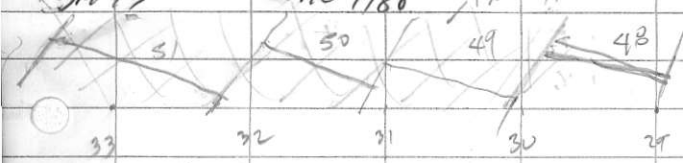
From 31.3 m Set to 0 m

0-24 m 322°

24-31.4m 333° → N end T-46

SMBW-47	0.8m	gwac	VNQZ	
48	1.0	ARGL		
49	1.2	DIFP		
50	1.2	DIFP		
51	1.2	DIFP		
52	2.0	ARGL		
53	2.0	ARGL		
54	2.0	ARGL		
55	2.0	ARGL		
56	1.0	ARGL	VNQZ	
57	2.0			
58	2.0			

SM-13 June 1/88 RD Dyke 2/2



well fractured parallel to contacts.

33.8 - On HW of dyke - very sheared & fractured argillite. Sub. on N side dyke contact exposed at 35.7m where its orientation is 015°/72°SE.

SM8W -	52	33.8 - 35.8	Sub
	53	35.8 - 37.8	"
	54	37.8 - 39.8	"
	55	39.8 - 41.8	"
	56	41.8 - 42.8	N rib

samples 11 trend. SM8W-56 - 5cm chert(?) horizon present.

Along 1 from 31.3m on —.

30.3 - 31.4 till.

28 - 30.3 m - greywacke on W side

21.9 - 28 till

1.9 - 21.9m sheared & fractured argillite

limonite fractures. Sample from

SM8W - 57 9.5 - 11.5

SM8W - 58 11.5 - 13.5

bottom	wide
0m	1.2 m
28 m	1.3
29	1.7 ✓
31	2.0 ✓
33	1.5 ✓
34	1.2 ✓
340	1.2 ✓
E end T-46	1.2 ✓

zone quite up to 5% calcite veining. Varies
255°/42° NW. Bedding 010°/64° SE
shearing increases as you approach the dyke contact

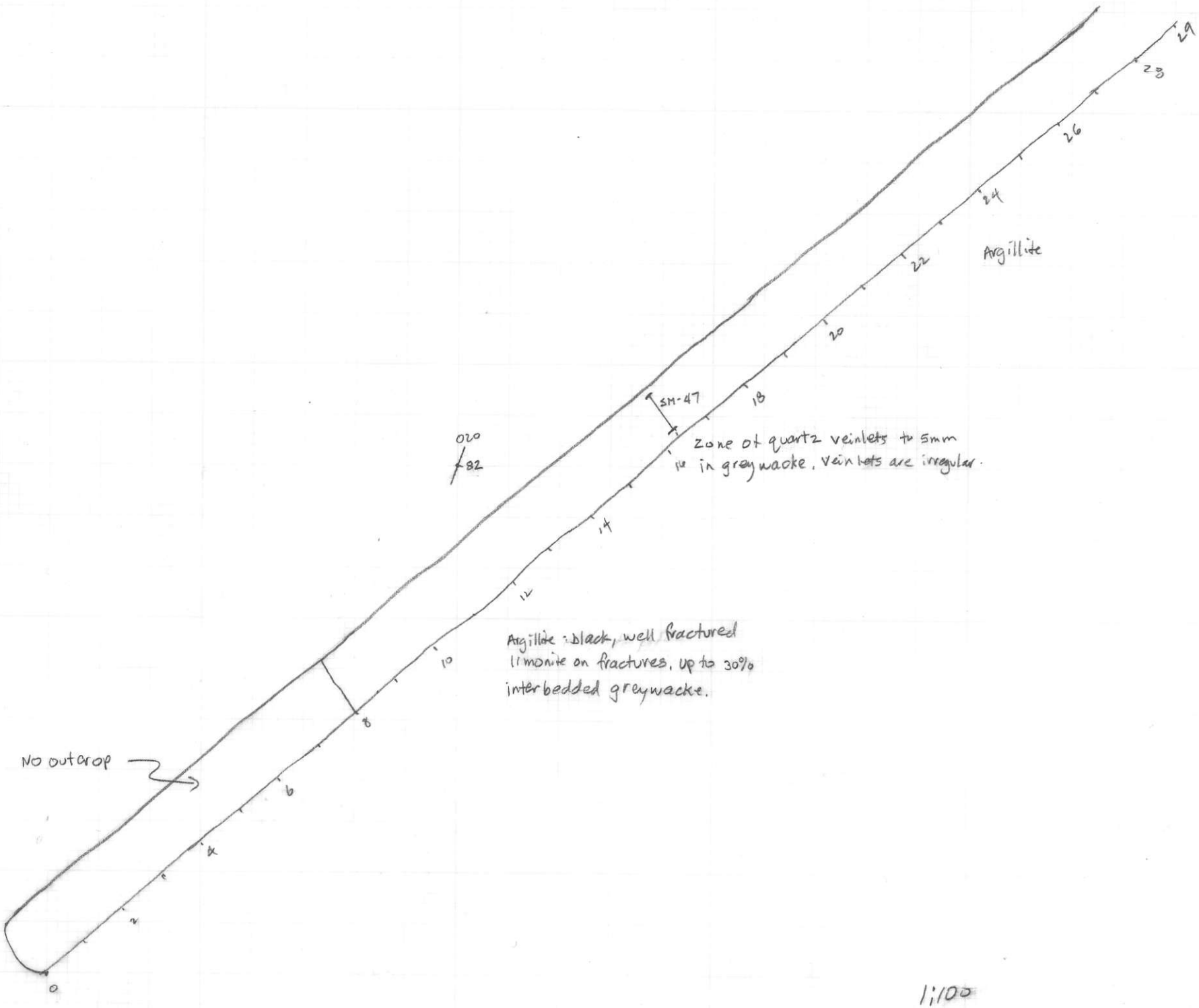
0-1.9m FP dyke cont on N rib corner
is at 002°/76° SE

✓89° 6.3m from W end T-46 to corner
179° 12.5m from W end T-46 to 87-8

T-47 line 550N 490E to 530E
✓ 0-6m - argillite. 6-40 till! no O/C
NO samples taken

June 1/88
SM-13

T-46



1:100

1/3

June 1/88

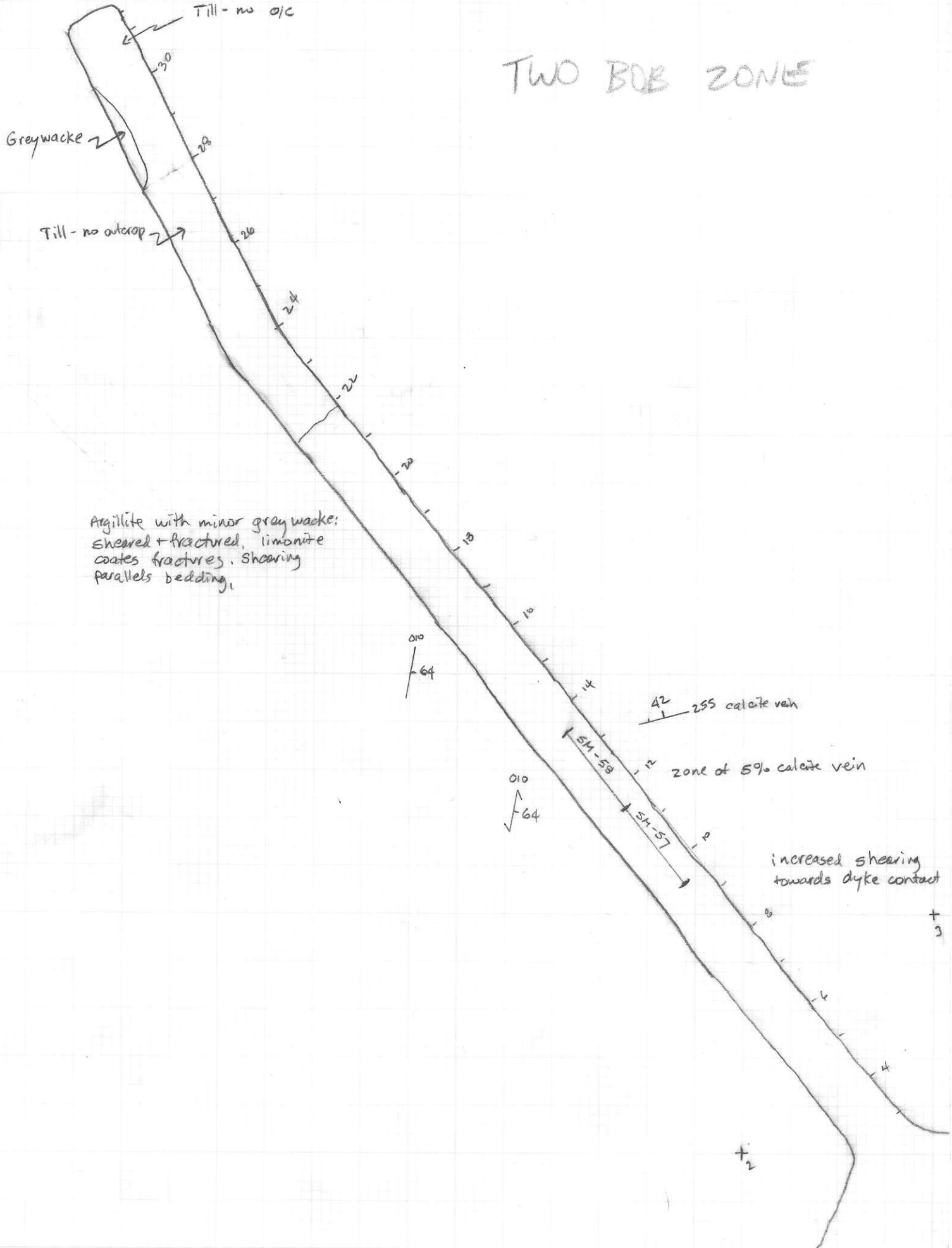
SM-13

T-46

N

3/3

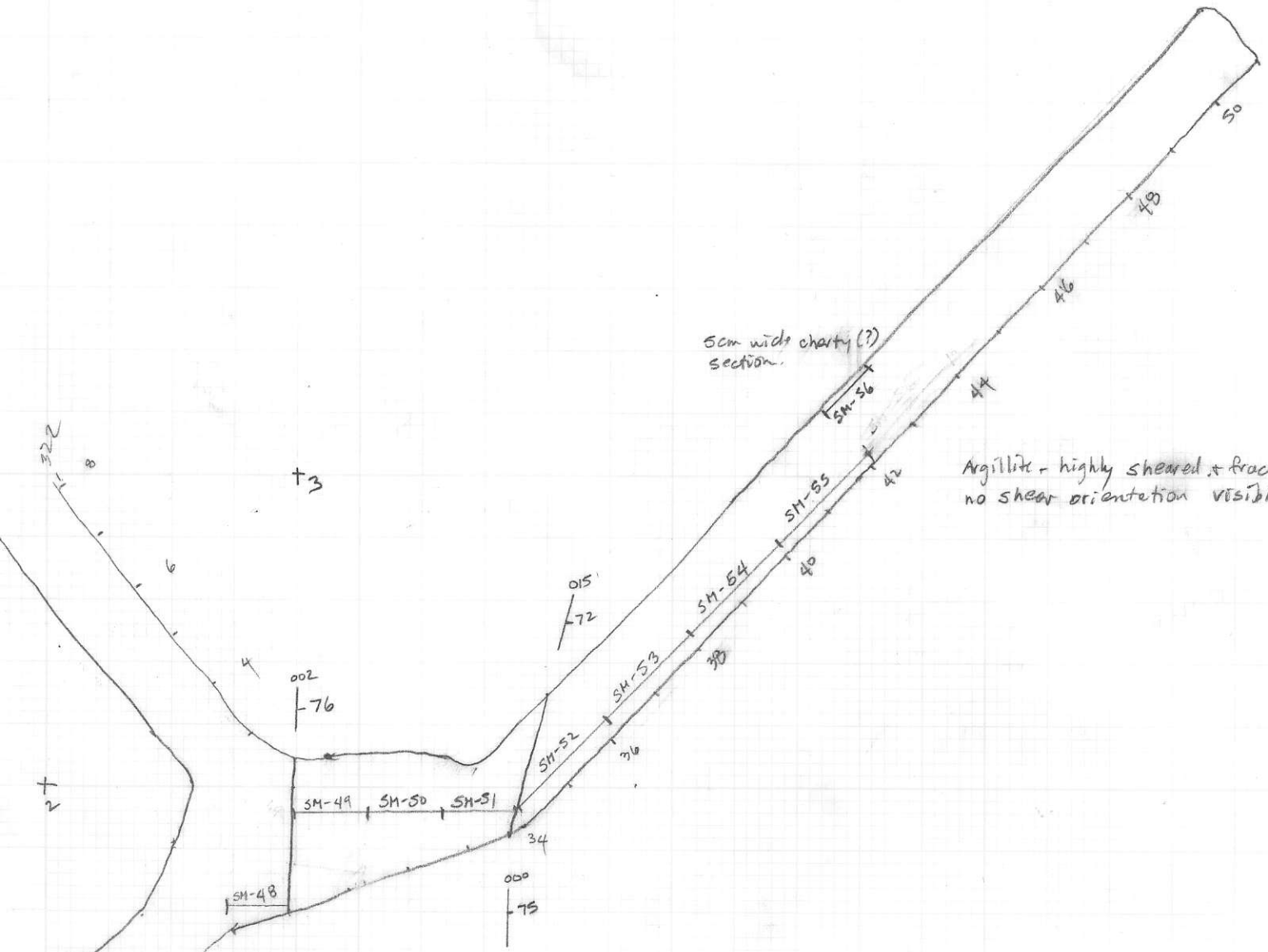
TWO BOB ZONE



June 1/88
SM-13

T-46

N



Feldspar Porphyry Dyke: orange (not limonitic)
siliceous matrix, 15% 3-5mm feldspar phenocrysts, cut by clear and white 1-3mm wide quartz veinlets. well fractured parallel to contacts. up to 2% disseminated fine sulphide within the matrix - appears as gray patches.

1:100

2/3

June 1/88

PHYSICAL WORK WAYSIDE 1988

	WIDTH (M)		LENGTH (M)	AREA (M2)
ROAD TO MAG PAD	4	x	140	560
MAG PAD 88-16	10	x	12	120 +
ROAD TO UPPER VLF PAD	4	x	210	840
UPPER VLF PAD 14	20	x	10	200 +
LOWER VLF PAD 13	14	x	18	252 +
CHERT PAD 17	10	x	14	140 +
ROAD TO KNOB PAD	4	x	90	360
KNOB PAD 15	12	x	10	120 +
88-11 ROAD TO DIORITE PAD ROCKY RD	4	x	150	600
88-11 DIORITE PAD ROCKY RD	10	x	10	100 +

NEW ROAD = 590 x 4 = 2360 m2
Drill pads (AREA) 932 m2

TRENCHES

T-39	1 x 34	(knob pad)
T-40	1 x 11	(chert pad)
T-41	1 x 26	(N of paxton)
T-42	1 x 28	near landing)
T-43	1 x 29	(Keith's trench)
T-44	1 x 31	(paxton - pumped out)
T-45	1 x 52	
T-46	1 x 81	
T-47	1 x 38	
T-48	1 x 25	abandoned in overburden (upper VLF pad)
	355	

June 1/88

WAYSIDE 1988

SCHEDULE B
DRILL PAD
TRENCH, ROAD AND V DIMENSIONS

Trench #	Width (m)	Length (m)
* T-39 / TB	1	34
* T-40 / TB	1	11
* T-41	1	26
* T-42	1	28
* T-43	1	29
T-44	1	31
* T-45	1	52
* T-46	1	81
* T-47	1	38
* T-48 / TB	1	25

Total Area 355 m^2

Roads	Width (m)	Length (m)	Area (m^2)
TO 88-11	4	150	600
TO 88-14	4	210	840
TO 88-15	4	90	360
TO 88-19/20	4	60	240
TO 88-21	4	100	400

TOTAL AREA 2,440 m^2

* indicates that this trench has been reclaimed.

Schedule B
continued.

DRILL PAD	width (m)	Length (m)	Area (m^2)
88-11	10	10	100
88-13	14	18	252
88-14	20	10	200
88-15	12	10	120
88-16 may	10	12	120
88-17 chert	10	14	140
88-18	10	14	140
88-19/20	10	12	120
88-21	10	12	120

TOTAL AREA 1,312 m^2

SM-14 June 2/88 1/4

aurro

SMBW-59 to 67

SBTHN U/G - looking at reexposed trenches

T-201 0 - 35.6m 153°

35.6 - 45 m 137°

21 m - W contact

37.4 E contact 155°/V - arg sheared moderately, parallel to contact.

//

T-9 part of trench re-excavated.

0 - 10 m argillite. Bedding 342°/68° NE

10 m [illegible] massive pinkish weathered graywacke

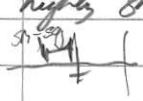
weak Fe-carbonate alteration

18.9 - 24.2 m FP light grey to pale purple rock

W contact 18.9m - 330°/V (irregular)

E contact 24.2 m ~ 320°/85° NE // shears

SMBW-59 sample 1 m in argillite near contact highly sheared, carbonate veins, quartz vn



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T-10 - re-excavated

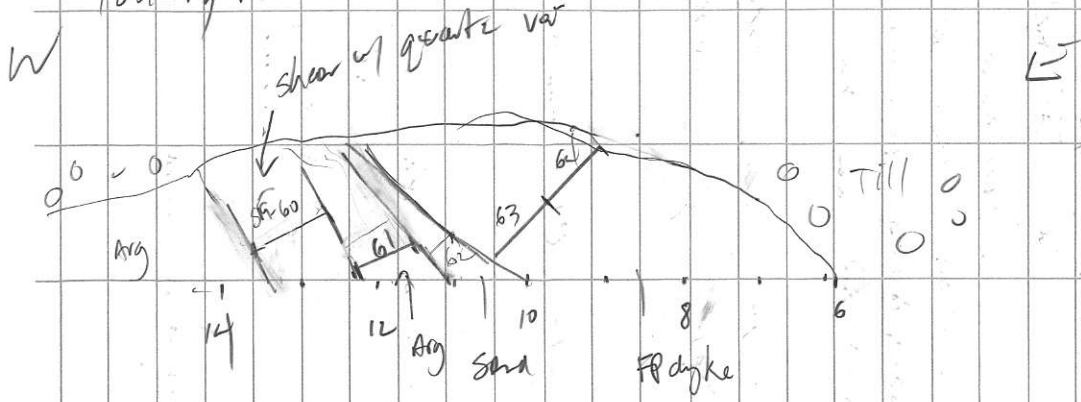
SMBW-60 1.0m QZVN SM 161 Arg 0.9m

163 - 1.0m FPDI QZVN 162 Sed. 3m

164 - 1.10m DFP - Q

T-10 N RLB 1:100 (measured from ⊕end = 0)

looking N



SM-14 June 2/88 2/4

T-10. 0-6.2m Till no O/C

6.2 - 10m - orange weathered FP dyke - sampled extensively by Bill last year - resampled (SMBW-63 + 64) dyke is quite flat lying here - no HW contact seen. FW contact ~335°/34° NE. FW zone (SMBW-63) of dyke is locally sheared but by numerous quartz veins ⊥ to contact - looks like many veins.

10 - 11.1m - brown to green fine sand with 30% clay present. True width [SMBW-62] 0.3m

11.1 - 12.3 sheared argillite, no gouge [SMBW-61] over 0.9m.

12.3 - 13.5 Rusty orange shear zone with 50% white quartz - sheared vein!? [SMBW-60]
HW contact (12.3) 335°/54° NE.
FW contact (13.5) 353°/62° NE

13.5 to W end trench - argillite

T-dd between T-11 & 12. $\boxed{\text{T-11.5}}$

0 at E end Trend.

0-5.7 m till

5.7 - 6.2 m - light buff - quartz veined FP dyke

$\boxed{\text{SM8W-65}}$ 1 m TW

6.2-7.9 Intensely rusty zone with abundant

$\boxed{\text{SM8W-66}}$ quartz veins subparallel to contacts

veins of white quartz 2-6 cm wide 15 cm

wide quartz vein at upper contact

of zone. N rt. QZVN

CONTACTS

FW 006°/52° SE

HW 309°/66° NE

sheared contacts, w/ grey green "sand"

7.9 - tw argillite, highly sheared

SM8W-65 1.0 m D\FP QZVN

66 1.4 m QZVN SHEARS

from E end T-11.5

0 - 16.9 m 030°

11.1 - 16.9 m O/C on both of white quartz weathered

D\FP. no contacts needed

SW 14 June 2/88 3/4

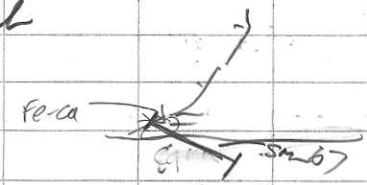
T-12 Oat E end Trench

12.4 to 19.8 ~~end T~~ sheared argillite.

19.8 - W end T till - no o/c.

5.8 - 12.4 orange weathered D\FP with orange matrix local concentrations of fine sulphides give the matrix a grey color.

N int



contact quite variable from 212°/33° NW at 12.4m base of trench to 195°/54° NW at top of trench. no FW contact observed.

SM BW - 67 at HW contact 0.9m

zone of intense Fe-ca alt + Fe-ca vn at FW contact

T-11 0 - 15.5 m 118° from N end

15.5 - 28.5 093°

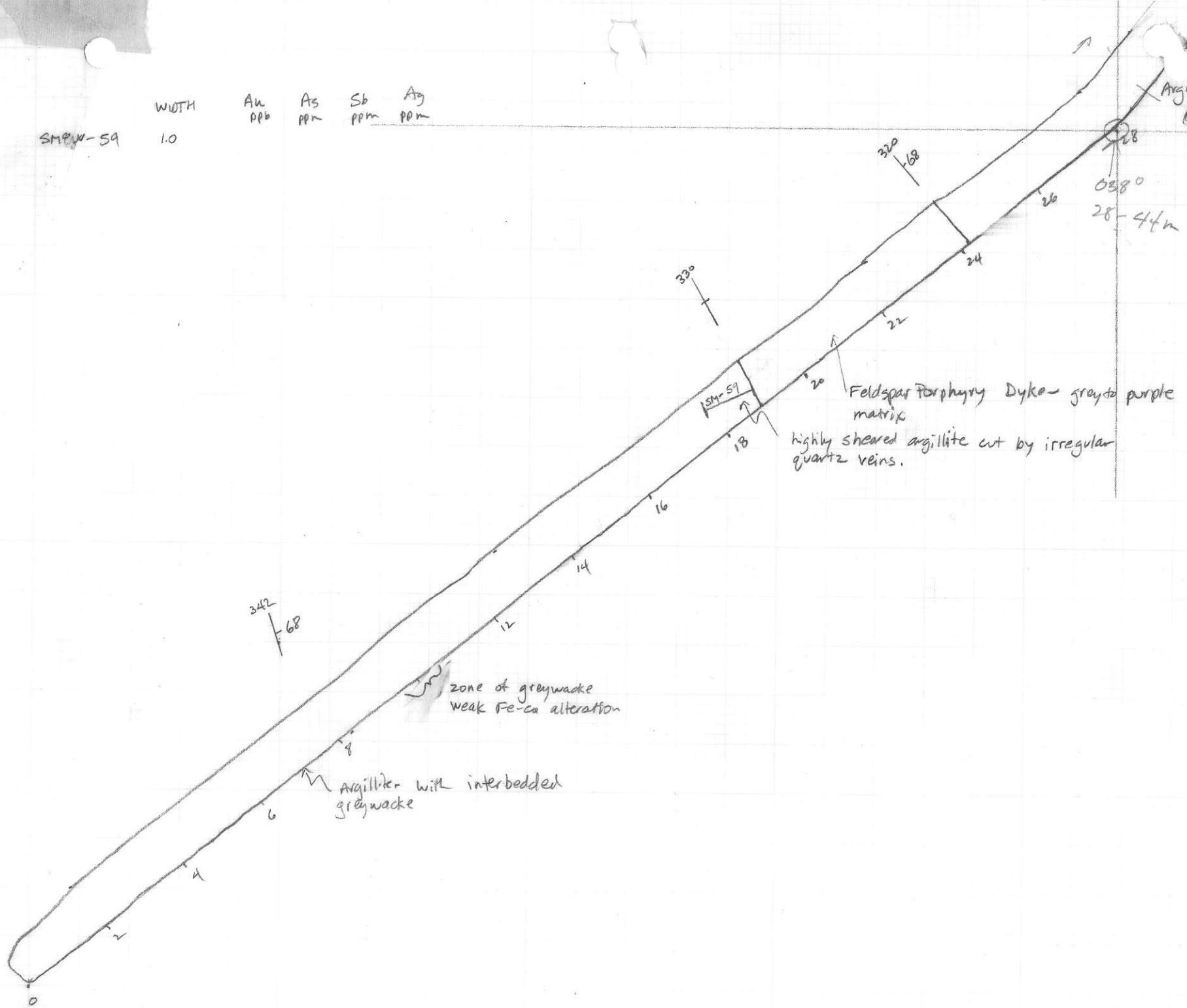
0 - 14.7 m highly sheared argillite + Fe-ca alt greywacke. some marposite associated w/ Fe-ca alt + veining in greywacke. shear ∥ bedding 155°/87° SW. Mr from 8.8 - 11.2.

14.7 - 19.7 rusty weathered, massive, very hard Fe-ca alt rock - no visible S - probably FP dyke. Fe-ca vn. Sheared contact + Mr

13.5 m 317° from Wend T-11 to Wend T-10

SM-14	(at 11.5m E)	June 7/88		4/4
T-10	W contact of dyke	005°/56 SE?		
T-201	W contact dyke - fault	183°/64° NW	(21.5m W)	
T-14	E contact dyke	010°/85° SE		
T-201	E contact dyke	155/V	(37m W)	
T-13	Shear - FW dyke contact	346°/41° NE		
	HW dyke contact	124°/61° SW	fault.	
T-9	contact at 18+24 m E			

	WIDTH	Au ppb	As ppm	Sb ppm	Ag ppm
SMPW-59	1.0				



Two BOB

T-9

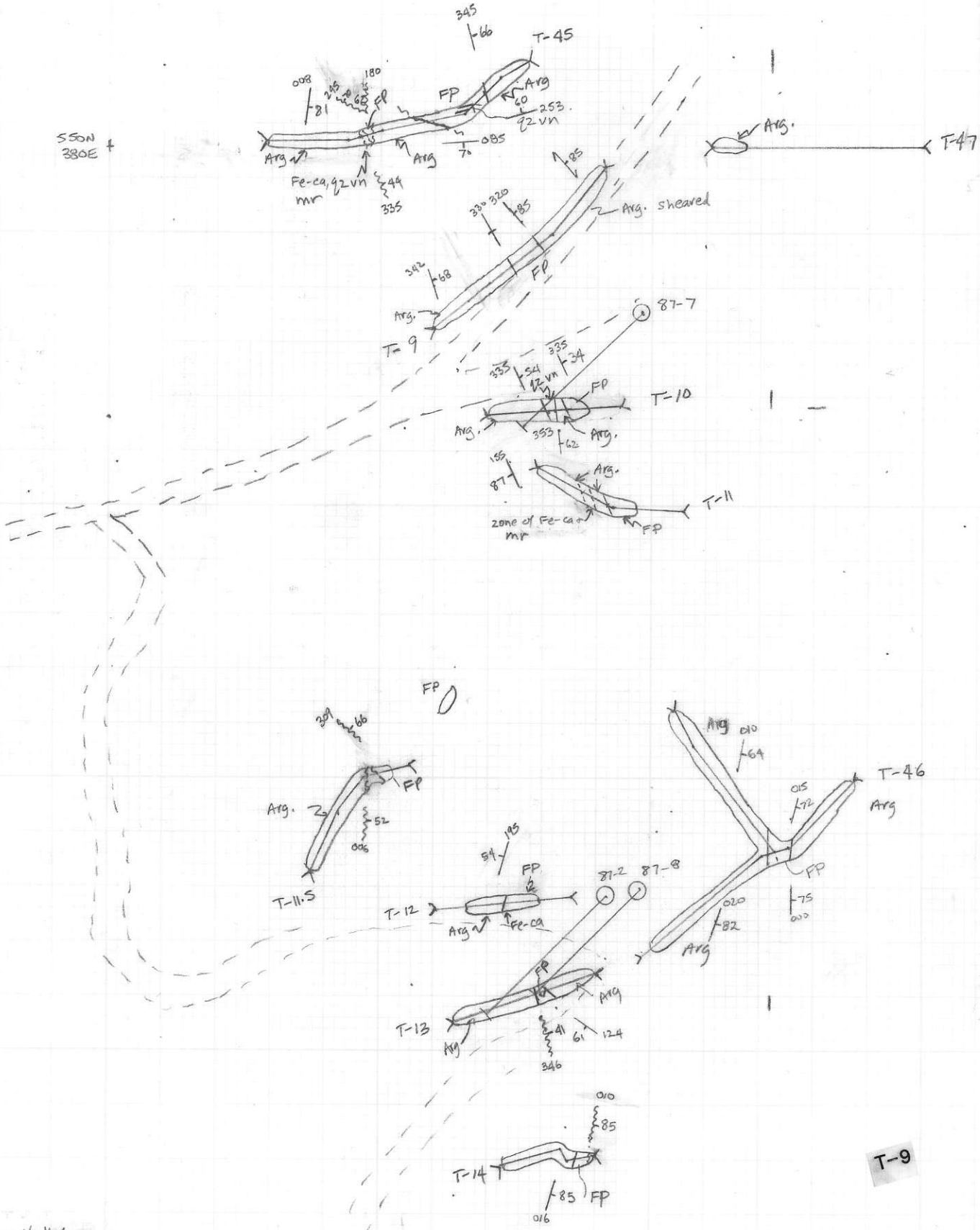
SHR-14

June 2/88

1:100

2/6

June 2 /88 SM-14 TWO BOB 1:1,000 1/5



LIBA:
FP should be plotted → e
Arg " " " → 6

T-9

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date June 2/88	photo no.		Cert. Nos	

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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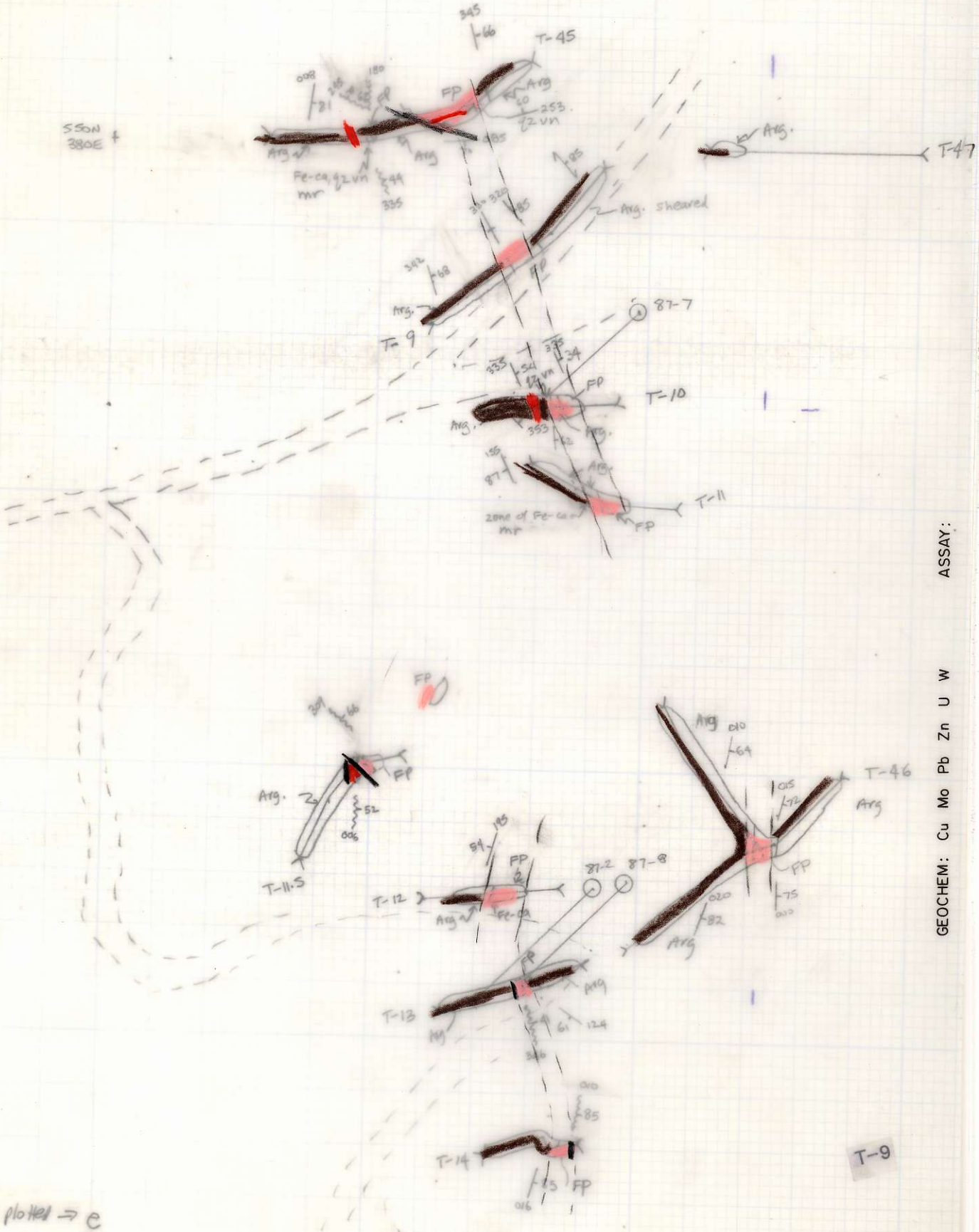
ATTITUDES (100/40 N)

BC116662a-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS 14	Scale TWO	Page B of 1,4,6,8	Traverse 1/2
Sampler	Location, Target (words)		Sample Nos	
Date June 2/88	photo no.		Cert. Nos	



T-9

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

-IBA:
Should be plotted → e
" " " → 6

BCL 6662 D-CSM

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

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SILT X SOIL ● ROCK ■ PAN △ WATER O

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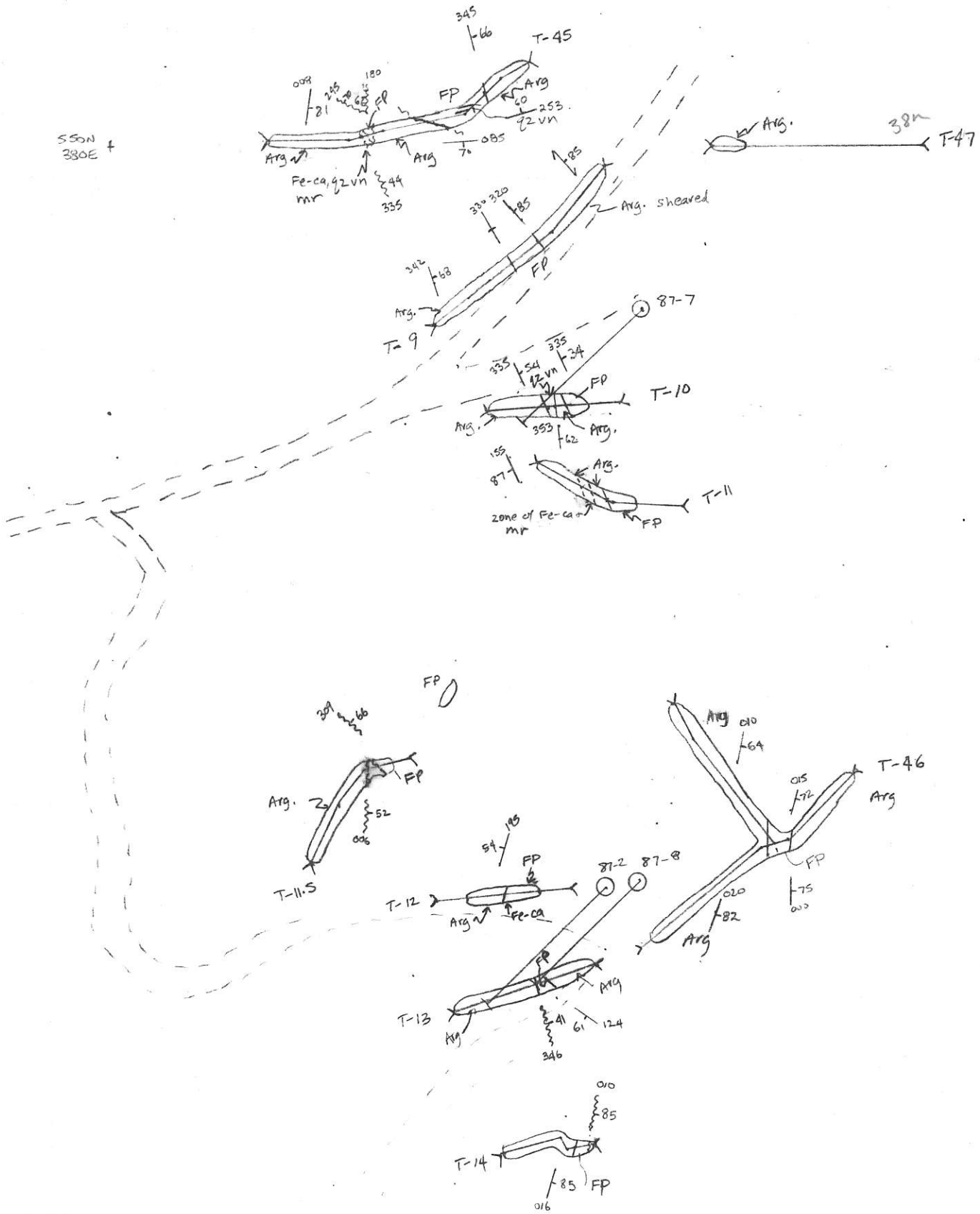
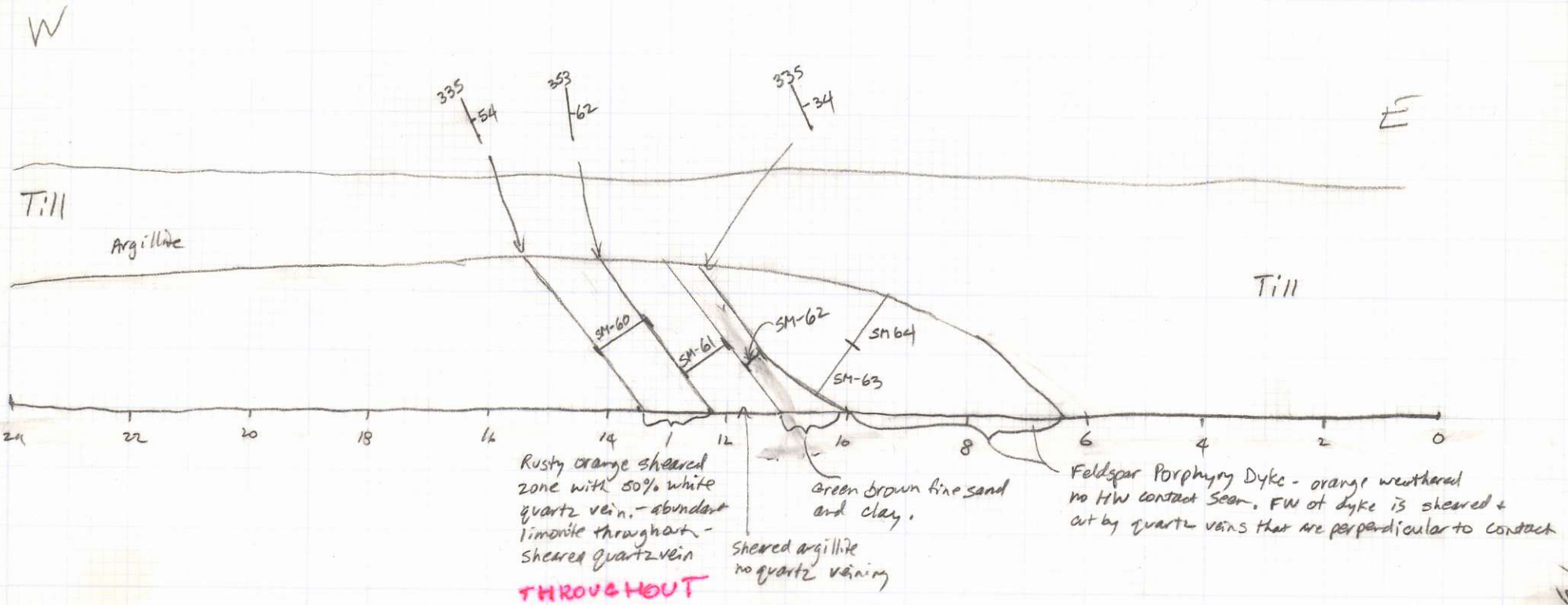
CHEVRON MINERALS —— DAILY TRAVERSE REPORT

June 2 188 SM-14 TWO BOB 1:1,000 1/5



W NORTH RIB T-0 T-10 E

	width (m)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW-60	1.0				
SMBW-61	0.9				
SMBW-62	0.3				
SMBW-63	1.0				
SMBW-64	1.1				

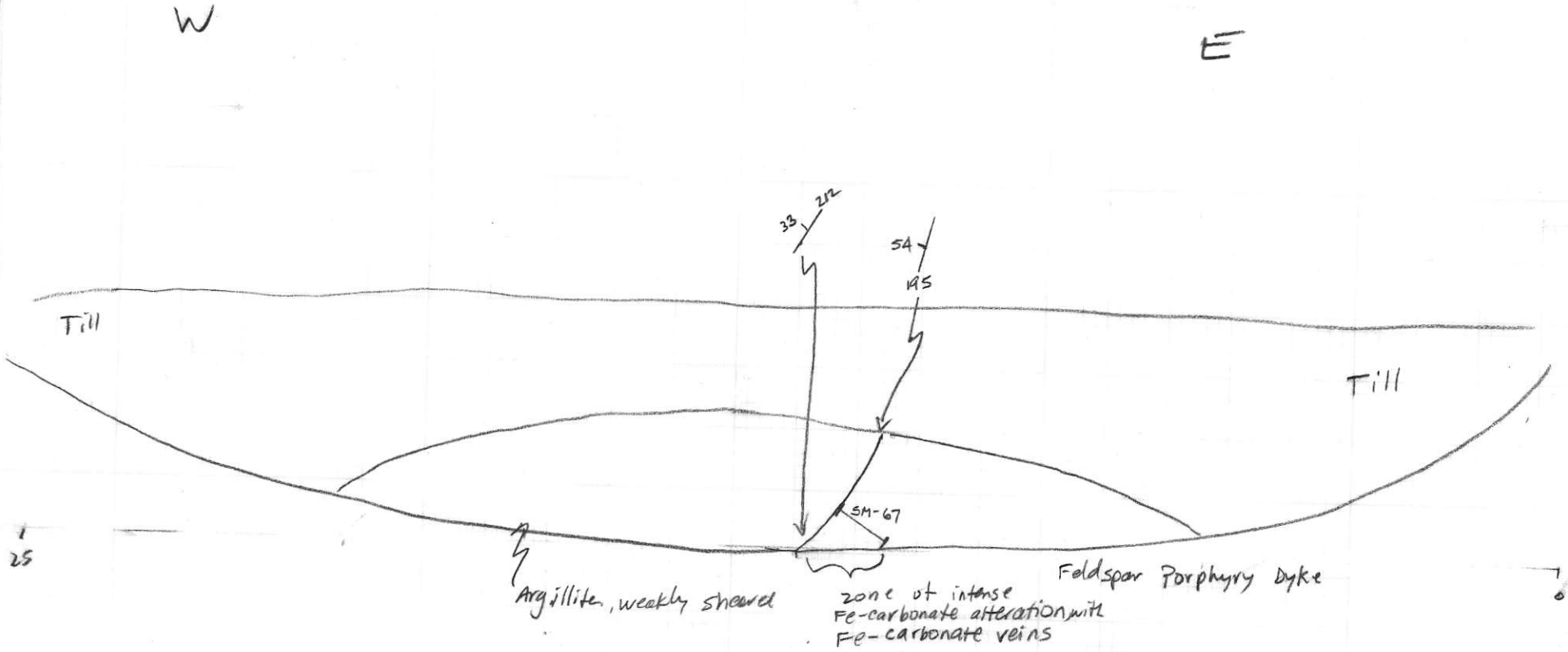


June 2/88 SM-14 TWO BOB 1:100

3/5

June 2/88 SM-14 Two BOB T-12 remapped 1:100 4/5

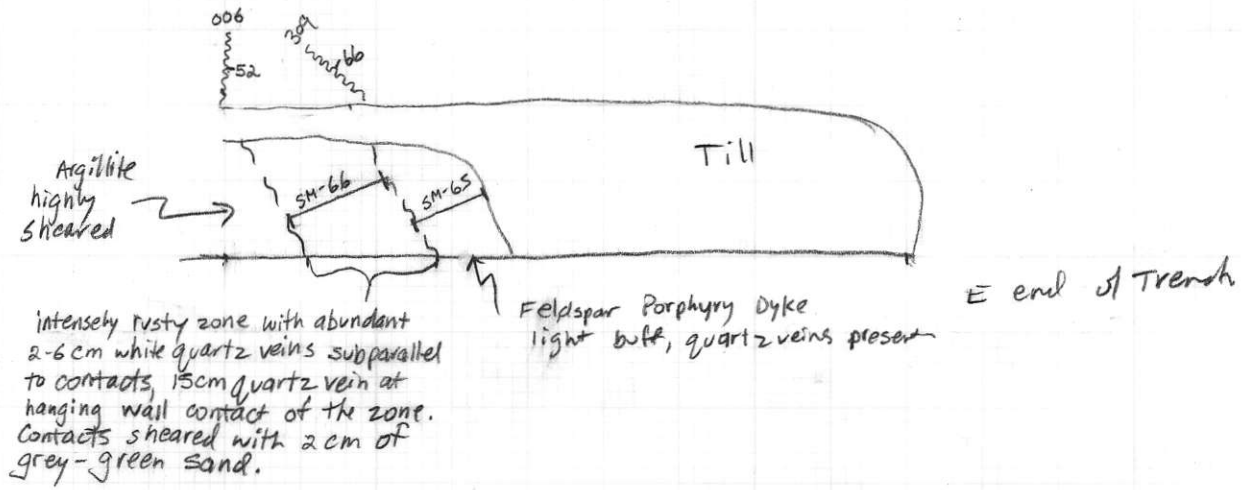
T-12 North Rib



	WIDTH (m)
SMBW-67	0.9

NORTH RIB T-11.5 (E PART OF TRENCH

W E

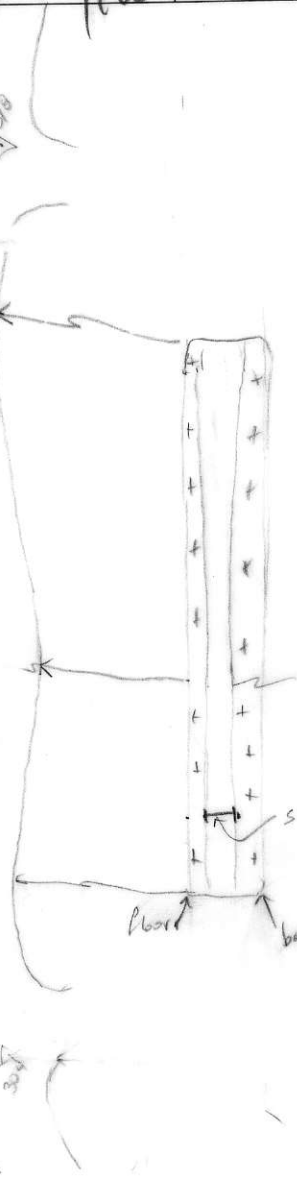


	WIDTH (cm)	Au ppb	As ppm	Sb ppm	Ag ppm
SMBW-65	1.0				
SMBW-66	1.4				

June 2/88 SM-14 TWO BOB. T-11.5 3/5

Project	NTS	Scale	Page 1 of 3	Traverse
Sampler	Location, Target (words) NO. 3 – EAST RIB		Sample Nos	
Date June 4/88	photo no. between survey pts 304 + 318		Cert. Nos MS77-06-7	

(sheet 2.)



this has to fit onto the map somehow

20 cm white quartz vein at footwall of 60 cm quartz veined zone.

SM-113 76cm vein zone, vein cut by fault subparallel to contacts so width probably doubled here, poorly ribboned white quartz with a central zone of maripasik-rich altered diorite cut by quartz veins to 3cm.

12
123

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

BC11966 2e—CSM

ATTITUDES ✓100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC CHERT SHALE LIMESTONE DOLOMITE INTRUSIVE GOSSAN, MINERALS

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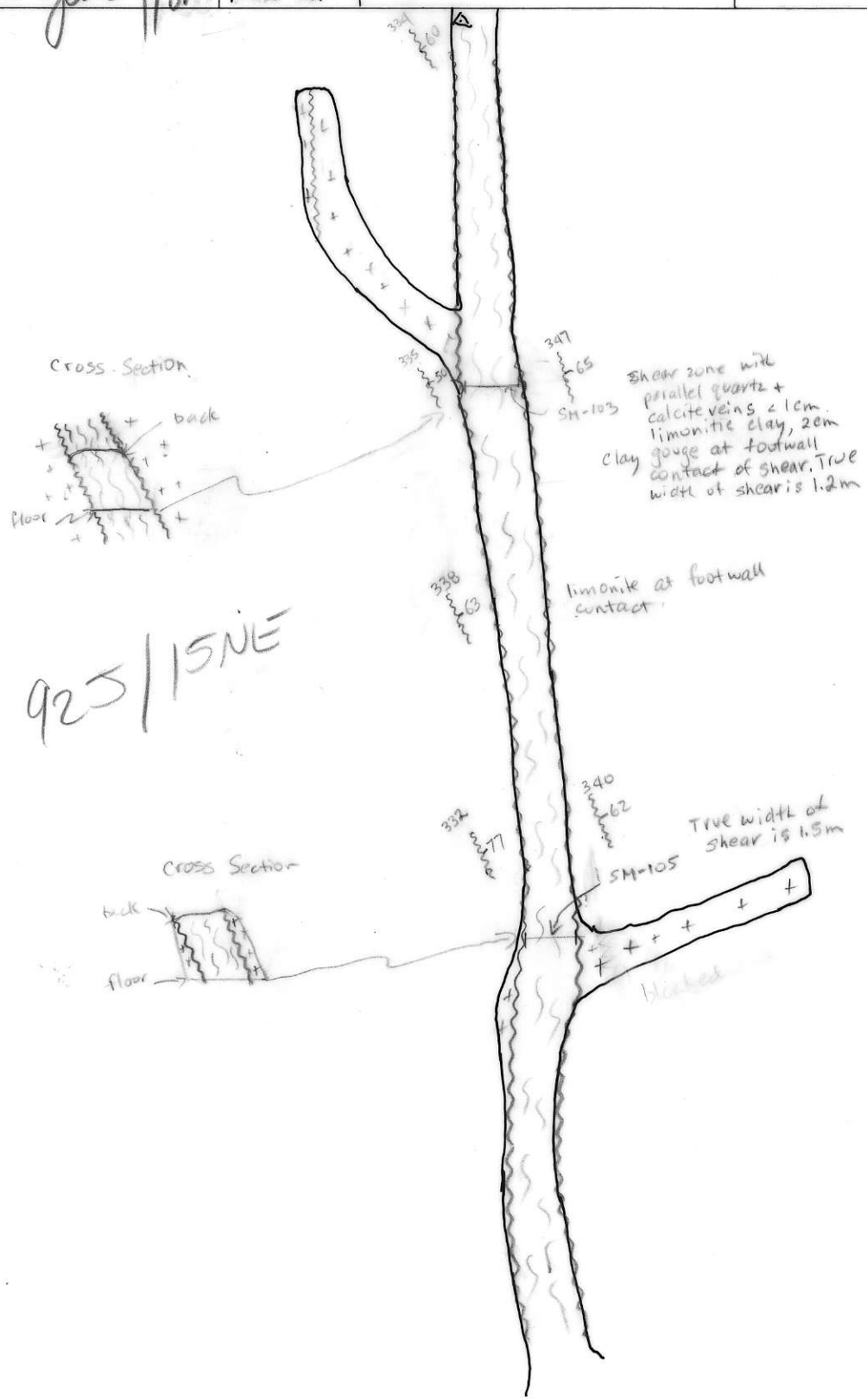
SILT X SOIL ● ROCK ■ PAN △ WATER O

Project	NTS	Scale	Page 2 of 3	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date June 4/88	photo no. 4		Cert. Nos	



BCIL 66620—CSM
ATTITUDES
100/40 N

VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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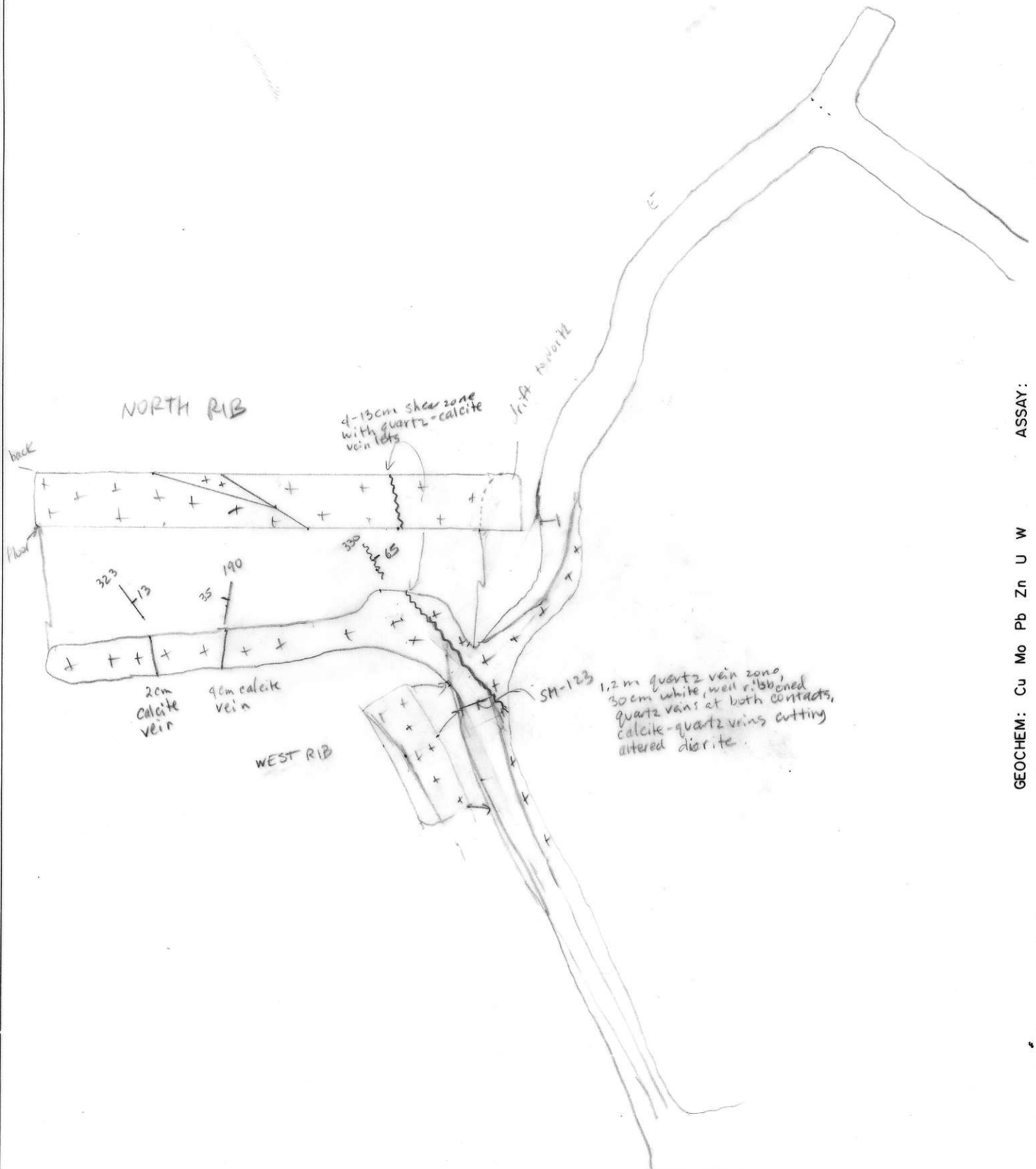
GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	Page 3 of 3	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date June 4/88	photo no. No. 0		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

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GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

BC11 6662 a—CSM

ATTITUDES ∠100/40 N

SM-15 June 3/88 4/4

4/G level 5 JB + HN.

SMBW-68 to SMBW-75

level 5, Attend drift along Higinotman vein, tape along W wall. At face - medium grained drock cut by numerous white quartz veins to 1cm 035°/59° SE, 280°/74° S, 340°/70 NE

=

Start from +. A = 0 m

5.4m sample SMBW-68 across 0.50 m

height 1.65m from ground north

2m - well developed quartz vein in white, well ribboned. sharp FW + HW contact up to 5cm gouge at FW. 334°/45° NE.

6.4m from A - vein narrows to 0.19 m

6.4m - 338°/35° NE

B = 8.5m set to 0. 10m to C

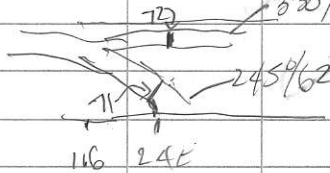
at C 10m from B - 0.50m sample of white - grey ribboned quartz.

~~[illegible]~~

SMBW-69 0.5m Time width, white grey quartz poorly ribboned cut by irregular black veinlets not + to contact FW of vein zone solid. sheared also thru

A → B W vein (E vein)

station	PK	height	width		
1.6	A	1.6	0.56		68
5.4	A	1.65	0.53	✓	334/45
6.4	A	2.05	0.19	✓	338°/35°NE
3.6	B	2.02	0.50m		
5.7	B	2.00	0.17m		
10.0	B	1.48	0.50m		345°/35°NE 69
3.4	C	2.17	0.25		
8.3	C	1.80	0.25		350°/36°NE
1.4	D	1.57	0.07	✓	
4.7	D	1.76	0.26	(A3/.27)	342°/43°NE 70
7.10	D	2.19	0.07		
10.5	D	1.95	0.11		
13.0	D	1.07	0.51		
2.4	E	0.6 (1st vn CTW.32)	1.39	TW 10cm	(L. vein Vn: 71)



6.9	E	1.75	0.32	
4.7	E	1.80	0.03	(0.54, 0.04)
3.7	F	1.90	0.10	(0.70, 0.05) 335/27°NE
9.8	F	1.90	0.10	73
17.4	F	1.65	0.08	
5.8	G	2.02	0.10	(0.36, 0.13)

SM-15 June 3/88 2/4

A-B	8.5 m	N for + at Nightmare	
B-C	10.0		
C-D	10.95		
D-E	13.0	E = 526	
E-F	7.8		
F-G	17.4	332°	no survey pt (W wall)
G-H	5.8	274°	
H-I	9.0	300°	end of N. drift

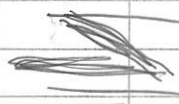
5.3 C white quartz vein weak ribbon defin-
ition,
wall rock is carbonate altered, no Fe-ox
but abundant calcite - good bits of
altered diorite - 2nd!
1.40 - vein narrows to 7cm with 5cm gouge
with some quartz pieces
4.7 D [SMBW-70] 0.26m wide quartz vein
white quartz - poor ribboning, calcite
vein on HW
13.0 D - vein splays out & 51cm thick
includes wall rock where vein isn't
solid

521 → 529	20.8				
529 → 530	4.6				
530 → 531	4.6 ✓				
531 → face	9.8				

NB flow 1 are units ~~[illegible]~~ unless otherwise stated. SW

6.9E shear zone - with 2cm - no massive quartz max width 1cm, shear splays off vein at 4.7E vein - 338°/40°NE shear 325°/52°NE at 4.7E.

E end

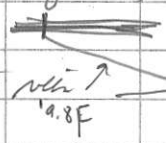


2.4E [SMBW-71] lower vein, white quartz
[SMBW-72] upper vein white quartz well rubbled: North of here the shear pinches out to the zone of 1-2cm wide veins, local areas where shear reaches 0.10m in true width.

3.7E vein narrows to 5-10cm white quartz well rubbled

9.8E [SMBW-73] narrow - some well rubbled quartz here.

West



5.8G - narrow white quartz
5.6H - series of 11 0.5-1cm white quartz veins 245°/43°NW

Vein splays as 1cm wide vein

NOTHMANN & EIN Sand Creek Write

m	Flow	height	Thrust	(Elev)
4.0	(521) 2.00	0.53	355°/30°NE	(0.80, 0.51)
9.0	" 2.40	0.19	335°/35°NE	
15.5	" 1.53	0.44		
20.8	" 1.40	0.29	353°/35°NE	(0.49, 0.26)
4.2	(529) 1.46	0.37		(0.44, 0.52)
4.4	(530) 1.63	0.21	353°/33°NE	(0.88, 0.27) 75
4.4	(531) 1.34	0.34		
6.2	(531) 0.90	0.09	355°/30°NE	
17.8	(521)		350°/28°NE	
10.2	(521)		345°/32°NE	

Write unless otherwise noted!

SM-15 June 3/88 4/4

NOTMAN VEIN - S drift. from 521 ⊙

4.0 (521) 53cm wide white massive quartz vein weakly mineralized, parallel vein in FW at 345°/27°NE - white quartz to 8mm wide

6.0 (521) fault in white floor. 140°/48°SW drag in vein

9.0 (521) vein narrows to thin point - still bordered white quartz

6.4 (521) SMGW-74. TW 0.51 m

4.2 (529) - FW of quartz vein in a breccia w/ black & grey clast - some of in T-10 that had weathered in soil??

4.4 (530) SMGW-75 white quartz vein highly sheared, not well mineralized, breccia in FW of vein.

4.4 (531) white quartz vein surrounded by 10 cm of black breccia in FW + HW looks like its cutting ~~black~~ granite breccia has granite & quartz clasts

SM 76 June 4/88 1/4

U/G level 5 Notman +.

SMBW-76 to SMBW-84

From Notman + survey point - east along crosscut.

0 - 14.5 to A

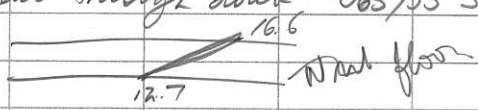
2.4 A - S rib 1.27 m to 2 cm wide calc quartz vein cutting drift 294°/37° NE

∩ flow 4.2 A S N N

4.2 A 1.81 m S rib high 6 cm wide 120°/52° SW calcite vein - carbonate alt. drift on contact ∩ N rib floor 4.4 A

12.7 A S RIB FLOOR A, 16.6 A (2.1 B) N RIB A

fault through drift 065°/33° SE



A → B 0 - 33 m to face

26.3 B (N Rib) 26.4 S rib - fault zone with 2-3 parallel white calcite veins to a maximum total width of 3 cm

345°/60° NE

A - face - drift host.

W along crosscut from Nelson cross

0 - 9.9A Nrt to A

9.9A Srt → 9.9A Nrt fault that is cut off by Nelson Vein - 108°/43° SW

5.2A (NB) 2-3cm wide calcite vein - cut off by above fault at ~3.5m cut off on roof, 165°/65° SW

0 - 12.3 - 2nd survey mark - ignore this or

A-B 0 - 31.1m - across from lightholes

12.4B N rt 1-2cm wide white calcite quartz vein w/ chlorite 006°/35° SE

25.1B N Rt 25.2B Srt zone of 2-3cm wide calcite max width 25cm

[SMBW-76] on Srt 0.25 335°/70° NE

26.8B S Rt beginning of main shear zone 320°/58° NE. zone extends to

28.6B [SMBW 77] 160m

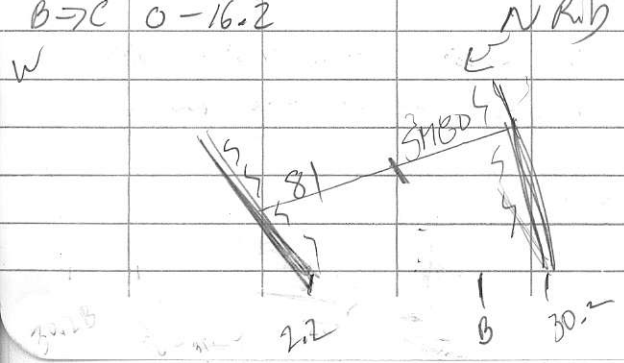
shear at 28.6B - 006°/77° SE

calcite to 1cm, qz vn to 3cm - white, intersects shear, up to 2% disseminated pyrite

28.6B - 29.8B - block of diorite caught up in shear - cut by minor qz-calcite vein

SH-16 JUNE 4/88 2/4

29.8B – 30.20 Silt 1.0 m height 0.28 TW (m)
[SMBW-78] quartz veined diorite
rusty weathering quite competent rock
30.2–30.8B [SMBW-79] Silt intensely sheared
zone 40% clay zones colour
range from grey–yellow to green
quartz vn ⊥ to shear, manganese
common between vn – vn 1–2cm wide
30.8B – shear 020°/68° SE
30.2B – shear 315°/65° NE
[79] 82cm clay 21 cm or HW,
S RiB – open to S by drift along
vein gone – keep out for this
section
30.2B – 2.2 C quartz veined diorite
qz vn 1–4cm – white, diorite black
30.2B – shear w/ 20cm clay 330°/80 NE
[SMBW-80] 1.8m [SMBW-81] 1.8m
B→C 0 – 16.2



SM-16 June 4/88 3/4

2.2 C shear NW 355°/65°NE
defined by 2cm of black to dark gray
clay gouge joint with some shucked
3.2C on S rib.

— back to mapping S rib. —

2.2 C 347°/64° NE shear w/ black gouge 2cm
massive white quartz w/ 5% sulphide
blebs throughout. Vein contact defined
by quartz vein on 355°/85°NE
[SM8W-82] 0.56 m TW

12.3 C - 12.6C floor S rib - 30cm wide
shear zone w/ 2-5cm white calcite
vein [SM8W-83]
332°/65°NE

N end of No.5 cross cut to the W
518 ⊙ → face 0 - 14.4 m
7.3 S rib - 2.6 N. Rt fault
in chlorite w/ 1cm wide calcite vein
227°/50° NW

80

south from (518)

7.4 (518) E nit - 1 - 5m wide qz vein cutting
chlor. 020°/50° SE 13.70 W nit

9.4 (518) E nit [illegible] 8m wide qz-carb vein
N of E nit S and exposed on W nit

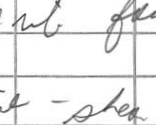
19.0 W nit quartz carb 23.35 E nit
336°/70° NE predominately ca - up to 20% qz

21.7 E nit - fault 005°/40° SE
well defined SS at 60° → 005° on quartz
film on surface of fault

TURN ~~[illegible]~~ AT S11 ⊙ to ↓ - crosscut to drift

1.5 (S11) S nit ∩ fault from above
SS on quartz film / m N nit.

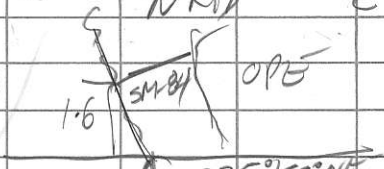
1.8 S nit 2.1 N nit 30 cm wide zone
of quartz (10%) carb vein measured
from FW. N nit 320°/70° NE



3.85 S nit 2.90 N nit fault
108°/75° SW

12.9 N nit, 12.8 S nit - shear zone of
clay, N extension of stained vein
zone sampled as natural wood chunk
SMGW-84 0.63 m high grade
grand - m 1.16 m

SM-16 June 4/88 4/4



blocky clay at contact

covered beyond this point to 1-2m.

at 12m, cover ~30% clay

SM-17 June 6/88 1/6

level 5 U/G Mapping

SMBW-85 to SMBW-102

E from 2nd crosscut that joins into main shear zone

21.8m to survey 548. near E wall of drift - all 1 are w/ block.

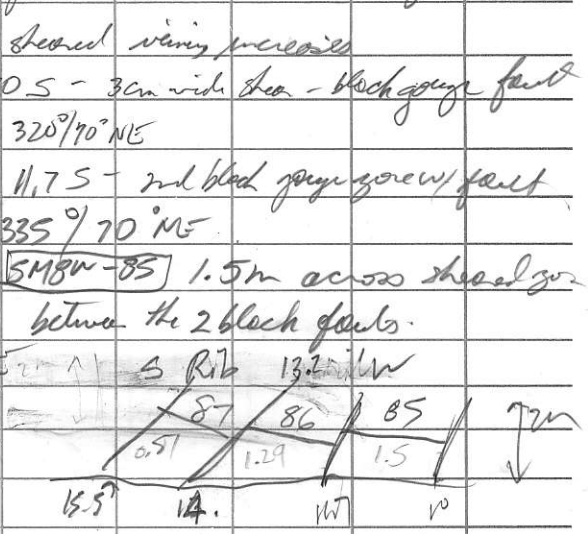
8N Rib 9.5S Rib, 2m high 10cm qz-ca filled shear 300°/75°NE.

from here to E drift well fractured sheared veining increases

9.5N 10.5 - 3cm wide shear - black gouge fault 320°/70°NE

11.3N 11.7S - 2nd black gouge zone w/ fault 335°/70°NE

SMBW-85 1.5m across sheared zone between the 2 black faults.



13.2S 13.1N 3rd fault 357°/65°NE

SMBW-86 1.29m - sheared qz zone w/ zones of massive qz - mr pyrite

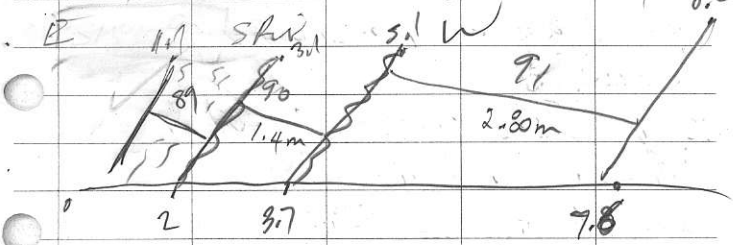
blocky gouge qz carbonates [illegible]

NEVILLE CROSBY INC. 46 L

93.5 N 13.8 S. Edge of shear zone
025°/82° NW
[SMBW-87] 87cm sheared zone between
13.2 S & 13.8 S back - 12 cm 11 shear
20.4 - 21.6 back across drift - well developed
shear zone, numerous 1/2 in 3.5 cm
wide, weakly mineralized, 1.5 m of
black sheared material between veins
[SMBW-88] 1.4 m FW across shear
HW 015°/62° SE
FW 345°/58° NW
= head south along dip
540 + 1m W of 540 SP. ~ 13.7 m 173° - deadend
crosscut to the W here
2.5 W - 6.3 W - stope up to NO 4
old timbered shoot still present
dump pile at base of shoot, - qtz material
10m - Exit shear on, 10 + 1.68m on WW

= head W from 540 SP4 to deadend 8.2 m
1.1 S rib HW 355°/49° NE shear zone
3.1 S 3.2 N [SMBW-89] 1.9 m
finely sheared zone - qtz string < 1 cm
FW 018°/54° SE mr. pres

SM-17 June 6/88 8/6



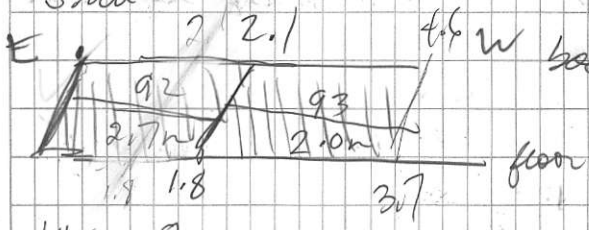
SMBV-90 - 1.4 m TW sheared diorite w/ -3-10cm qz vn. @ 5.1 S, 5.4 N - 3cm fault w/ grey gouge 350°/57° NE

SMBV-91 2.80 m - zone of fine shears (lineation 2-5mm) with 2-10cm wide white ribbon quartz veins. 8.2 N, 8.2 S fault forming FW of zone 355°/58° NE

S along drift 539 ~~2~~ 540 4.3m drift ∥ shear - for shear width or bed.

S along drift 539 - 538 12.8m
5m - HW contact - E wall
10 m HW at E wall 007°/57° SE
12.8m - HW at survey pt

W along cross cut from 5 38
S side



HW - 0
FW 4.6 342°/70°NE

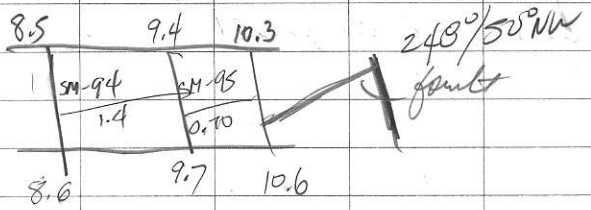
SMBW-92 2.70m } sheared diorite, 1.3m
SMBW-93 2.0m } quartz veins

0.8 S black fault throw shear 2mm gouge
350°/59°NE
2.1 S 354°/72°NE fault plane
shearing is steeper than fault plane
at ~ 335°/76°NE

7.7-8.3 S side bed - shear zone, fresh
sheared similar to 92+93 zone except
predominately QVN, 005°/63°SE

SM-17 June 6/88 3/6

— E along 3rd crosscut N - pyrrhotite in the crosscut - starts with a deep pool of water



8.5 N - 9.4 N - SM 8W-94 1.4 m of weakly sheared irregularly qz-carb dike
FW 320°/88° NE
HW - 325°/70° NE

9.4-10.3 N SM8W-95 0.7 m of alt. bleached diorite w/ marginal slabs.
HW - 338°/79° SE

12.9 N 248°/50° NW fault ∧ bad N rib.

12.9 N 30 cm wide shear zone w/ stringers at 343°/74° NE cuts off above fault

17.4-19.0 shear zone

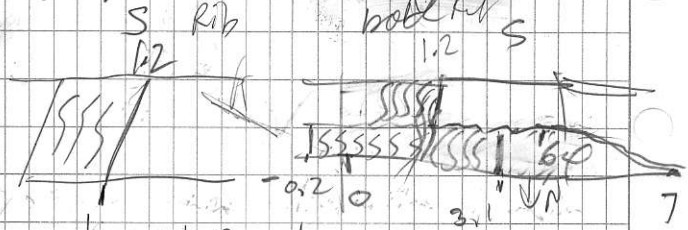
3.3 m along drift N from 7 N

SM8W-96 1.4 m across shear (within drift)
FW 350°/72° NE
HW ?

covered N of here

NEVILLE CROSBY INC 46 LF

8.6m W from 11.5 ← end of cross cut
1.2 m back Stat – FW of main shear
335°/60°NE
3.1 N into FW of shear – offset across Bizzo
cut by fault that parallel the crosscut.



fault – 265°/64° NW

7S+N – HW of shear 350°/50°NE
7N – shear ∩ fault above
E S RIB W

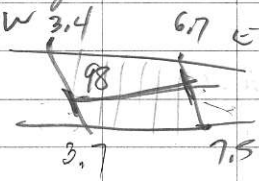
→ 543 2.8m Solong drift
2.7 HW shear overhead
(in past 543 to S – Exit in hole –
FW contact –

SM-17 June 6/88 4/6

S along drift (11.5 m) to intersection
a dead end-crosscut to the W

1st crosscut east 50' intervals 0-
10.6 m

SMBW-98 zone of shearing, 1/1 calcite veins to
0.5 cm, minor quartz veins, clay
3.4 N - 3.35 FW fault 337°/70° NE
6.7 N - 6.8 N - HW fault 338°/70° NE
shearing steeper than fault 335°/80° NE
sampled on N rib

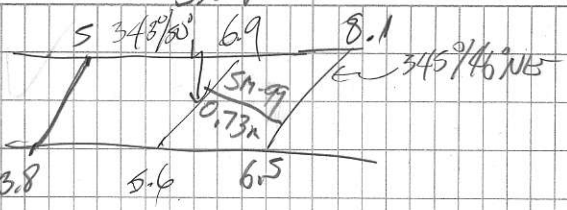


block gouge on FW+HW
faults, 3.23 m TW

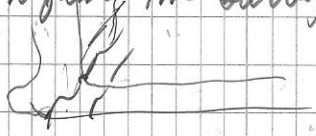
next crosscuts - heading W+N.
7m to survey pt. 9m to rib.
SNTS - 4cm qz-cavn - 352°/60° NE
SMBW-99 Sub sample 6.95 - 8.1
(6.9 N - 8.1 N) m TW
shear zone w/ 3-8cm wide white banded
quartz - clay to 30% some smoked
blocks of diorite present upto 40cm.

NEVILLE CROSBY INC 46 LF

SMW



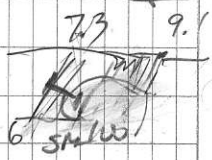
head N from 7m survey pt



5.8 E int - chert breakthrough at level of ground 347°/25° NE

W crosscut 1 mark of hoist station

3.9 S 4.2 N 3-5cm vein qz vein 315°/84° NE



S int NO1 FW ??

7.35 7N bed, HW

9.1 - FW of Ulen zone

zone well shown qz vein to 15cm 325°/57° NE

vein stepped to the north of here - not possible - beyond stope

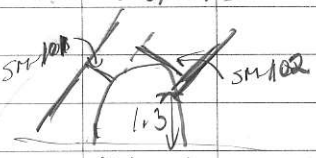
SMW-100 37cm - sample of vein when exposed on S int, not true width of zone - only partial

SM-17 June 6/88 5/6

Spt. ~~between~~ last crosscut + 1 south.

2.4 m North along drift.

c.s looking S



well ribboned quartz vein in FW - 10-20cm
+ at HW - 5-10cm quartz + carbonates.
throughout vein zone.

SM8W-101 1.12 m TW HW 335°/58°NW.

SM8W-102 1.35 TW FW 335°/58°NW

FW

W along southernmost crosscut. 2-5cm
wide calcite vein, sl. co. ppt here.
19.1 N + S sil. back 16m on floor S sil
330°/56°NE.

E from opt - 3-4.6 raise from N end
18.1 m E at E wall 7 main drift.
9.7m - back - centre of crosscut + drift
FW of vein 355°/43°NE
12.5 - HW of vein zone 320°/50°NE
14.3 at floor both ends

NEWELL CROSBY INC 46 LF

VN - well stratified - few rocks altered w/ MVS.
WNW var 0.5/m TW
308°/54°NE

From NE corner of pillar by hand to the
E along E crosscut above - 56° shaft
main shear
HW of zone 11.2S + N - 320°/68°NE
two areas of massive white quartz
6.5 N + S walls 347°/60°NE fault
↳ 7.7 sub flat w/ black gouge
11.2 6.5

SM-17 June 6/88 6/6

FW - 5.6m NTS nt footwal
contact poorly defined here (due in
part to excessive dust scrapers &
walls - up to 3mm)

core racks (38") 96cm length
76" 1.92cm

13 X 3 X 2

SM-18 June 7/88 1/6

level 5, 4, 4W, Commodore, 2M

SMBW-103 to SMBW-111

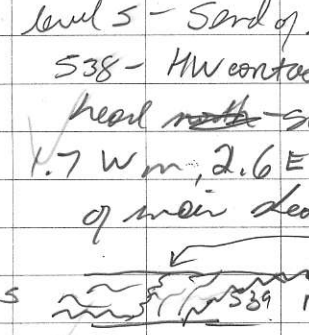
level 5 - S end of network

538 - HW contact at survey pin

head ~~north~~ south of 539

1.7 W m, 2.6 E nit fault offsets HW

of main drift - 310°/75°NE



0.65 E nit m S of 539 } fault 345°/68°NW

2.6 W nit m N of 539

HW 3.2 E from dead end floor

HW 3.8 " " " back "

FW 7.1 (E nit)

southend, W from spt 503 → 535 6.8m

HW NO.2 UN N nit 3.6 floor

A nit 5.7 back

S nit 3.5 floor

S nit 5.7 back

E from 535, 9.1 - 6.8 stopped in

A nit

NEWLE CROSBY INC 46 LF

FW N back 1.4 floor
FW S back 1.9 0.7 floor

South from S35, 7.4 m W wall n HW
323°/50° NE - HW n floor at E wall.
7.4

$\boxed{\text{Level 4}}$ no survey pt remain - drape along shear zone on both walls at angle of shear i.e. c.s.

Start at 1st aggr cut W, over SW edge, chain to the north from this point. Average height of drift 2.8 m except where extension ~~cover~~ strength from roof has occurred.

0m - HW - Ent FW at wall

0 → $\boxed{\text{SMBW-103}}$ 1.2 m True width, shear zone cut by <1cm wide quartz + calcite veinlets, 2cm between clay gouge at FW contact - 335°/50° NE
SS 35 → 335° HW 347°/65° NE

sample across back

at N end of crosscut ~ 30cm wide fine gouge w/ calcite veins, ~ 2cm. ∩ face in center 323°/75°NE, ∩ S wall back ~ 6 m from entrance.

- NORTH FROM O ⇒ 23.20

10 m 334°/60°NE FW ∩ W Rt

15 m 338°/60°NE FW ∩ W wall

337°/64°NE HW ∩ E wall

SMBW-104 1.6 m True Width across back -

23 m 330°/62°NE HW ∩ E wall

330°/55°NE FW ∩ W wall

- back ~ 8m above ground here - very dangerous as there is much loose material constantly sloughing off. ~ 20m beyond this area of high back the drift is caved. did not proceed north past 23m.

- into W crosscut 9.9m to end. at 5.6m

at W cross cut

from 0 South - 18.2 to NE corner of E cross cut

7.4m 338°/63° NE FW ∩ W rib

— HW ∩ E rib

True width of shear zone - 1.20m

shear as described above, lenticular at FW contact.

15m - 332°/77° NE FW contact ∩ W rib

340°/62° NE HW " " E "

17m [SMBW-105] 1.50m true width shear zone lenticular close on FW, contains 1-3mm quartz veins - weakly altered to phyllic, abundant calcite veins

cross cut to west at 18.2m blocked off

[LEVEL 4W]

0-chain from 1st timber on rib post

1.7m to rock portal

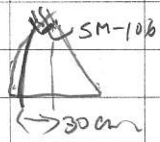
9.2 - 12.4 E rd - stope down to a/0.5. level

15.3m - continued past this point -

rd stope to E beyond this point

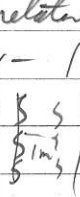
[SM8W-106] 13.8 North — sample across 0.40m True width shear - with 2 cm white quartz veins, to 30cm — veins parallel HW & FW contact - for length of shear quartz veins are not this wide - usually 3-7 cm

HW contact - 30cm E of W wall 343°/65° NE forms E wall C.S. looking N.



7m — 320°/62° NE FW - ∩ with HW ∩ E wall, here the shear splays around a block of relatively unsheared diorite

HW - 1m E of FW on back.



3.8m - [SM8W-107] 1.0m True width shear zone with 4-6cm wide white quartz veins at FW contact, shear zone contains a few small spaced quartz veins - other than the FW quartz zone FW 303°/65° NE, HW 329°/50° NE

level 4W

CS at 3.9 m looking N

COMMODORE

333° 12.9m

318°° 12.9 - 19.0m = face

0.7 SM8W-108 328°/54° NE 0.20m wide white quartz vein cutting chert

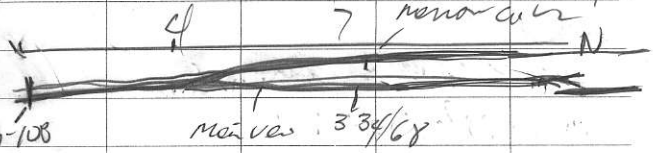
4m - vein narrows to 5cm + split off into 2 vein

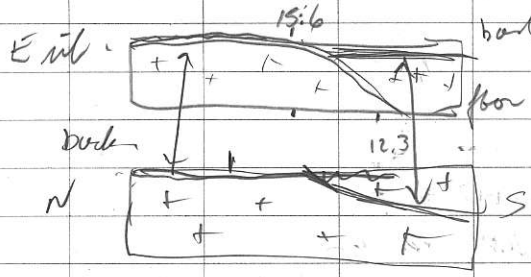
6.8 m - 20cm wide quartz ca vn

334/68° NE

15.6 - vein n back E wall narrows to 3cm qz-ca vn - cut off by 3-5cm ca vn at 323°/60° NE then n E wall floor at 12.3 n + back from 15.6 - face.

SM-18 June 7/88 4/6





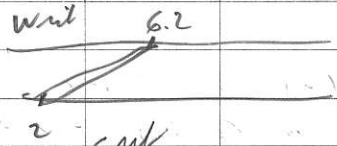
vein narrow as you approach the fau

12M LEVEL out triple junction head along western most junction

0 - 6.3 - pt 205

6.2 W wall - vein ∩ back

2.m W wall - " " floor



2.0m - SM

what qz-carb 330°/34°NE

TW = 12cm

3.7 E wall ∩ floor - ~~also~~ qzm

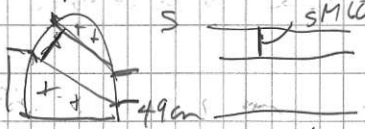
6.0 m - 19cm wide W wall

NEVILLE CROSBY INC 46 LF

205 → 219 6.3 m

2.2 m Wnit 4/cm TW [SMGW-109]

vein 4W ∩ back ... - ... vein w/ some calcite, + altered country well ... as green from nonpoints 347°/35°NE



vn well ribbon as cor back

Wnit vein - 1.35 - 1.68 m

E nit vein 0.49 - 1.02 m

219 → next survey pt 4.2 m

2.2 - Wnit - vn ∩ back - 15cm and white qz vein 330°/47°NE

W - 1.44 - 1.54 m E 0.38 - 0.48 m

4.2 m 1.50 - 1.58 Wnit vein vertical mean

survey pt → next pt 4.3 m

3.6m W 1.32 - 1.64 E 0 - 0.23

[SM-110] 330°/43°NE white qz - calc — back 30cm of zone consist of light vein bleached dens

0 - 9.2 m next survey pt 221

3.6m W nit 1.80 - 1.85 m - TW ~ 10cm

vein nonpoints from hac notes

2.3 ov. height ∩ drift

host rock here is hornblende porphyry - fine grained green matrix w/ coarse hb. ↓.

4.7 m - vein ∩ W wall then begins to ∩ back to the north of here

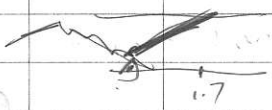
8.8 E wall vein is just a narrow (5-10cm) stringer w/ some jasper veinlets ∩ last wall here. + black fault

7.0 m W wall - back ∩ w/ black fault 200°/84° NW - ∩ W wall floor at 7.2

221 → 225 survey pt 6.1 m

1.7 W - vein offset by black fault

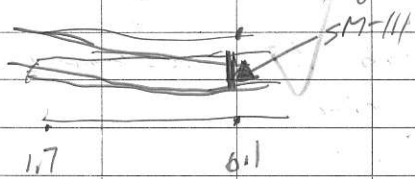
∩ W back 1.8-2.3 - vein ∩ 1.87 2.3



6.1 W SM8W-111 1.05 - 1.46 m FW = 47cm

End - HW contact at 26cm - FW at 8cm

white quartz veining grey veinlets throughout



225 → 226 m 6.7 m
3.6 W wall - HW of vein ∧ back -
1.7 - 2.2 = back - TW = 45 cm wide white
quartz vein - ribbed weathering
6.7 W wall 2.0 - 2.2 m - 2.2 = back -
vein extends above back. 335°/40° NE

226 → 227 6.8 m 350°/37° NE
2.9 W wall 1.44-2.0 5-10 cm white qtz vein or
FW wall of block of altered (mv) veined
dioritic intrusion. vein Ent 0.85-1.05
5.9 W 74 cm True wall 1.13 - 1.76

227 → face 9.2 m
1.5 W wall 1.55-1.60 m vein narrows
this zone to ~50 cm
3.0 W wall 1.55 - 1.90 Ent 0.70-1.00 m
zone of 11 quartz veins 2 - 10 cm wide
mv rich altered diorite in between the veins
355°/40° NE
6.6 W wall 1.86 - 1.93 vein begins to
narrow from here to end of drift
vein HW ∧ back here at W wall

SM-18 June 7/88 6/6

9.2m on face below a Whitebark
2.0 m vein here is 3cm wide
within a total width of 100cm shear
340°/40° NE -
Face

SM-19 June-8, 1988 1/6

U/G - Level 3, + 2M.

SMBW-112 to SMBW-120

No. 24 4W - photo w/ area of to the north, slipped to E

No. 4 - 2 photos (close up of FW zone of main shear, 1 from entrance, photo of JB+HN at 4W portal, - photo looking at S in 2M

LEVEL 3 304 →

+ crosscut E from 304 - 1st E crosscut.

- 0.2 - HW of main shear 355/60° NE FW ∩ with

- 2.6 N, 2.9 S - 4-25cm wide white qzn 305°/28° NE floor ∩ - 5.7 S, 4.6 N

304 → 316 6.3 m

304 → 317 10.7 m | 317 - face 21.7

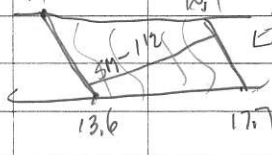
- 8.0 N, 7.5 S, 2cm white calcit vein 190°/70° NW

9.4 N, 9.7 S, 2cm calcit vein 290°/49° NE

- 11.5 N, 11.5 S, FW of extensive shear zone / 3cm calcite vein at FW 310°/48° NE floor ∩ 13.6 N, 13.4 S.

N RIB 11.5 16.7 SMBW-112 - 4.2 TW

W E



highly sheared, brecciated 1-3mm, 2cm white quartz vein, 30% clay, local manganese, 8cm black

- 16.7 N, 16.8 N FW - floor ∩ 17.7 335°/1° NE gouge at FW contact

NEBLE CROSBY INC 45 LF

10.2m

+ NORTH ALONG DRIFT 30M → NW corner of W crosscut.
-6.3m Vein o/c along crest of back
-5.0m FW vein ~~A~~ W wall
-6.4m E wall - SMBW-113 vein stoped on W
(stope to W - 5.7 - 7.5 m W - short stope - 15m)
wall so sampled on E wall. 0.40 - 1.30
True width of vein - 0.76 m HW 018°/55°SE
FW - 008°/50°SE vein ~~short~~ by faults
here - probably doubled up in thickness, white
poorly ribboned quartz, manganese rich rock
w/i vein E wall

-10.2 W wall 1.30 - 2.2 m = ∩ W wall white
quartz vein to 20m at FW, will have
hanging wall for 60m - considered part of vein go.

+ W along crosscut from NW corner to survey pt. 114m
-1.4N, 1.15 - FW of vein, 010°/43°SE
from survey pt to face 5.7 m - clear

+ from NW corner W crosscut to N → survey pt 11.2 m
- stoped to W 2.3 - 5.2
- 8m E wall 0.25 - 1.75 ∩ E wall
W 1.05 FW - 2.00 back

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MAIN DRIFT - WEST WALL VEIN HEIGHT

STATION
1.3 m, 2.15 - 2.33 = back

5.0 (304), 2.0, 2.27

8m coal 015°/47°SE HW+FW of vein are well defined in places, usually defined by shiny mirror like surface of quartz vein. 32 cm of gouge which weathers inbrown quartz at FW, overlain by 70 cm of HW vein zone consisting of heavily veined + altered altered rock. Chunkier clay + manganese

-12.2 W 1.10 FW 1.33 HW, massive white qtz

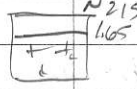
+ survey pt → 318 3.2 m (at crosscut E)

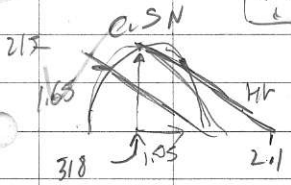
+ 318 → survey pt on E crosscut 6.5m

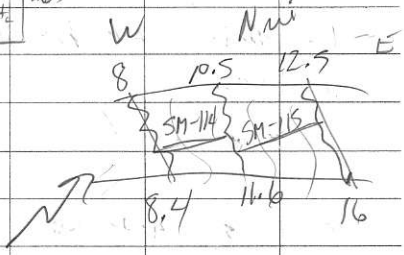
0.7 N, 1.05 - HW of vein ∧ back. HW back = 2.15

FW vein ∧ W wall W of 318 at 1.65

W wall S







+ survey pt to face on east crosscut 18.0 m

- chert zone FW 12.5 N 12.6 S 16.0 N floor

HW 8 N 8 S N floor

-10.5N (11.6N floor) 10.5S - 3cm wide grey to black clay gouge 353°/68°NE

FW - 333°/60°NE shear gouge, brecciated

HW - 305°/42°NE 1-3m, 2-5m white quartz vein present, up to 20% clay gouge

SMBW-114 2.6 m true width

SMBW-115 3.1 m

+ North along drift 3.18 → survey pt 6.6m

-5.6W 1.53 FW 2.0 HW back - 2.18m - massive white quartz vein

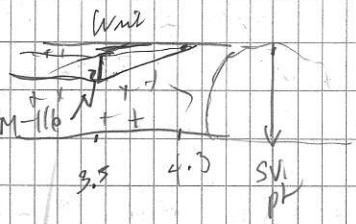
+ N from survey pt → S pt across from Wcrosscut 5.5 m

-3.5 SMBW-116 W vein true width 0.70 m

1.40 FW - 1.89 HW 2.11 back

massive white quartz vein with very light grey stringers → poorly mineralized, 350°/40°NE

-4.3 W vein FW ∩ back

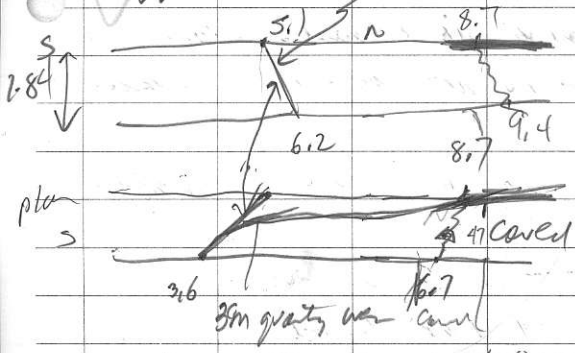


+ N along drift from W crosscut SV. pt. to sump 7.3m

- 0m FW at back

SM-19 June 8, 1988 3/6

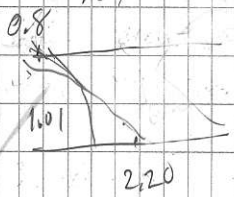
-2.1 W in 2.02 HW vein narrows to
3-5cm here. W N E
033°/48°SE
-3.6 E in rbed HW of vein
here it is 2-3cm wide.
-3.6E 5.1W - 3-8cm white
ribbed quartz vein strike
NW
↳ 335°/56°NE



vein merging off of 335/56°NE fault
intersects W rib at 8.7- in 3cm at strike do
10cm quartz vein 053/60°SE
-8.7N, 6.7S fault 330°/73°NE
vein cuts across fault
+
+ from survey pt to stoped area to HE 11.6m
-0.8N vein 1 m from floor
FWall 2.20 TW 60cm
NOTE: wall very dirty / 3m x grizzly wall

NEVILLE CROSBY INC 45 LF

Nrt



334°/47° NE

This represents the footwall

Area of the major shear intersected in the 2 previous crosscuts est. Hanging footwall is beyond the pillar there to a stope to above level. - can't pass there, but can see on the walls a clear shearing similar to seen to the south

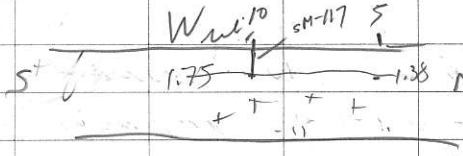
-10.6m - caved from above. no passage.

+ crosscut to W from survey pt, 19.4 m
0.4 N+S FW & qz vn ∩ back
5N, 5.7S 2.6N floor 2.08 back - 34 m wd
with calcite vein 353°/45° NE
5.8N, 6.3S 5m calcite vein 342°/75° NE,
N floor 5.7

+ search along drift from 304 → sv. pt 11.8 m
vein FW from upper portion ⊗

-3m FW 1.38 Wall back 1.95 = HW
True width 52 354°/50°NE zone
of wkd rock with quartz veins w/ zones of
shear

-10m SMOW-117 quartz shear zone w/ clay
gouge at HW FW 1.75 2.02 — back HW
true width 25cm 353°/52°NE



+ SV pt → SV pt just no/ spring 21.7m
- 356°/55°NE 7m — FW-1.9m Wall
back 2.18 = HW true width, 35m
shear zone w/ 3-8cm wide with quartz
veins

- 14m FW Wall - 1.84 back = HW - 1.94
true width 8 cm - shear zone w/ zone
veins - qz + co - veins conformably
358°/40°NE

+ from sept to portal 15.10 m
-0m HW at 2.10m FW 1.85 Wall
345°/54°NE shear zone w/ quartz

NEVILLE CROSBY INC 46 LF

-3.3 $\boxed{\text{SMBN-118}}$ Wall shear w/ well defined quartz veins at HW 12cm, 1cm qz lost at FW - by black gouge + brecciated FW 1.70 Wall back HW = 1.84 true wide, 37cm 330°/67° NE

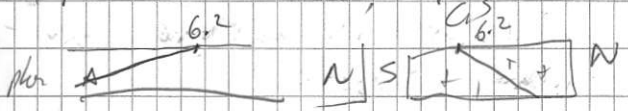
-11.0 Wall TW = 45cm 1.9 FW, back - HW 2.10

14m 350°/50° NE, FW 2.0 Wall HW = back - 2.70 m, shear zone w/ quartz stringers

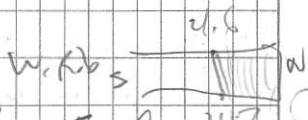
$\boxed{\text{LEVEL 2M}}$

+ from triple pane rock on cartoid drift 22.3 covered beyond this point

-6.2 W wall, reserve pillar 3cm wide zone of parallel adjacent veins, NW floor



010°/34° SE



- 21.5 E wall, 22.3 W wall FW of shear zone, as intersected in stope at level

No3 - 345°/77° NE | 21.7 W wall floor

SM-19 June 8/88 5/6

+ from triple point E crosscut 15.0 m to area where old stope has caved!

+ From triple pt south along drift 8.90 m
-5.7 m FW 0.96 Width, HW 1.48 Width
True width 0.56 m, quartz vein zone with strong 10-15 cm wide white quartz vein at FW + HW. Centre of vein is altered, mineralized rock cut by qz vn 1-3 cm 338°/31° NE

-8.0 SMBV-119 Width: FW 0.96 m, HW - centre of block - 2.11 m, True width 1.86 m - 34 cm white quartz vein at FW, + 3 cm wide at HW. Centre - green mineralized rock altered basalt (presumably) cut by 1-2 cm white quartz vein that subparallel HW + FW contacts 005°/36 SE

+ From survey pt Stopestal 39 m
-0-5 m Width short stope - 5 m above floor - vein ~2 m wide at this point - like SM-119 HW defined by

back of drift from face to portal
c.5

W, E

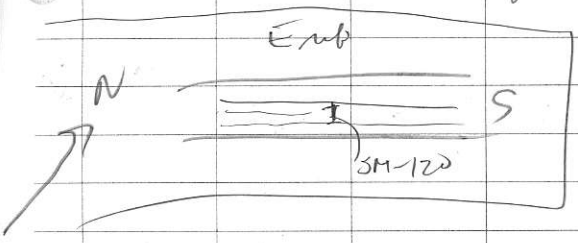
-0 Enter vein HW 1.53m - FW below floor
-5.8 Exit HW - 0.78m 003°/47°SE
-5.0 - 16.4 m Bony stope to W trap 20m
-12m Exit HW consists of white quartz 0.81
004°/44° SE
10.70 - 12.1 wooden shoots to E, 14.6 - 16.10m
-16.4 - 22.1 - short stope to E - 3m
-20 Exit 008°/38° SE FW 0.30 HW 1.19
true width 0.62 $\boxed{\text{SMBW-120}}$
white quartz with minor gouge at FW contact
- From end of deep stope (-16.4) to S vein begins to narrow noticeably.
-25 Exit vein narrows to 30 cm broken in shear zone 30cm FW 70 HW.
-25.70 - 35 m E - Short stope ~5m to E
to

from end of both stope - FW on back at W end

SM-17 June 8/88 6/6

-30 0.39 - FW Exit, 1.13 HW Exit
57cm True width, quartz veins
contacts, 5m ~ orientation not
alt. double out by quartz veins
in center of zone 005°/62° SE

-35 Exit FW 0.17 m HW 0.67 m
True width 38cm white qzm, 005°/53° SE



SM-20 June 9/88 1/6

Paxton ~~x~~ NO. 0

SMBW-121 to SMBW-132

Paxton adit - walls + floor covered with extensive calcite deposits.

+ ported to 1st survey point (A) 6.7 m

- hanging wall of shear zone form E wall.

- 4.1 m Wall 1.0 FW, 2.02 HW wall

true width ~ 1.24 m - zone of calcite veining, 20 cm calcite vein at FW, 1 cm grey clay gouge at HW 324°/70° NE.

SMBW-121 - 1.24 m true width

+ (A) → (B) = 10 13.2 m

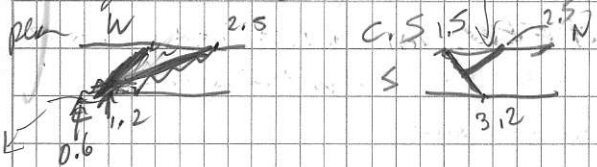
- 2.1 HW ∧ E wall, FW ∧ W wall, ~2 m weakly sheared zone cut by 1 cm calcite vein 005°/65° SE

- 11 m - HW ∧ E wall, FW ∧ W wall, zone of weak shearing w/ 5-8 mm cavn 355°/70° NE

+ sp. 10 → C 14.1 m

-1m Wall 201°/87°W FW Wall 1.07
Exit HW n bed 1.90 m 210°/75° NW
Zone of 1-3cm calcite veins Twice
shears
-9m Wall FW 1.61 m Exit HW n bed
2.00 m 198°/82° NW
-14 m Wall FW 1.71 Exit HW at bed
1.91 m, 030°/60° SE

C → 12 survey pt 8.2 m
- 1.5W bed 3.2 floor, 0.6E bed,
0.40 m wide shear zone with 3-8cm calcite
veins, 335°/55° NE
- 2.5m N wall bed - shear extend from E wall
bed - 1.2 m, Cuts Wall at 1.4 m
height of 2.8 m

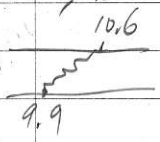


+12 SV pt → D
-6.7 Exit bed 6.7 W wall bed W wall floor
8.7m 2-3cm calcite vein 280°/55° NW

SM-20 June 9/88 2/6

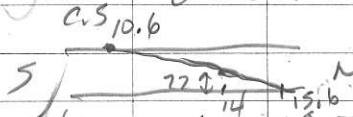
- 20 cm wide shear zone ∧ calcite veins as floor on wall at 8.7, 7.5W back, 6.5E bottom
337°/70° NE

- well developed shear zone W wall back 10.6, 9.9m E back, shear with ca 1m, to 1cm, zone is 20-30 cm wide
plan



350°/50°

- Wall - shear ∧ back at 10.6



- 14 m - shear at .72 m vert
- 15.6 m - shear ∧ floor

+ D → E 6.9 m
- 6.9 E + W, narrow (10cm) shear zone w/ calcite veins, ∧ W floor at 7.8m
300°/43° NE

+ E → F 4.8 m
- E wall 3.3 m, W wall back 3.1 m - gouge of 3-4cm wide calcite veins,
- at 4.8m ∧ vn 1.32 m from floor W wall

E & W are reversed here - mapped as if looking DID NOT SLOWLY BEND, BUT WAS STRAIGHT IN N.

NEWELL CROSBY INC 46 LF

+F → 16 SV pt 9m

-9m Ent rbed 40cm wide shear zone w/ at outside shear parallel back $\boxed{\text{SMBW-12R}}$ - 305°/60° NE

-5m 1.20m Ent

-2m 1.30 Ent

-1m 1.40 Ent 310°/58° NE

-0m 1.70 Ent

shear is highly bleached, clay rich, cut by carb vn

bleached pyrite present

+16 → face 9.9m

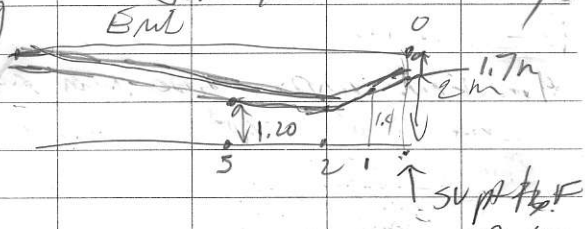
-3m 1.94 Ent rbed shear follows Ent at bed

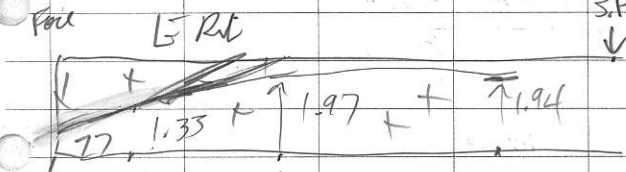
-6m 288°/74° NE shear - Ent rbed 1.97

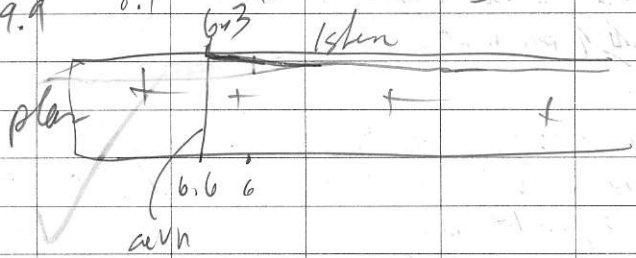
-8.1 1.35 Ent (6.6 E bed 6.3 W) 3cm wide carb vn

-9.9m at face 0.7m height 3cm carb vn 288°/30° ~~NE~~ SE

shear pinches out r 6.6E at where carb vn cuts across shear







'O' LEVEL

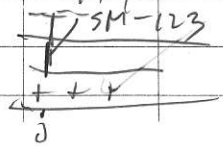
+ from A to Spt at 1st xcut W. 46m

0 - SMBW-123 true 1.16m - PW W-1.40.

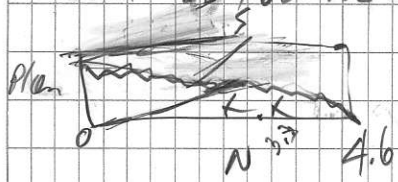
HW. Ent. 1.64 30cm well altered gem at both contacts colour - pl NE [illegible]

PW 320°/60° NE

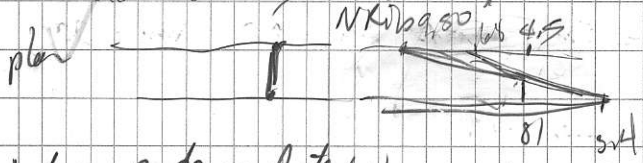
MW 334°/40° NE bed ~ 20°



1.8 – FW ∧ bed ~2 m
4.6 N wt floor, shear ∧ floor in
5 cm 330°/65° NE 4 – 13 cm wide
with quartz + calcite veinlets.



+ SV. pt to wall of crosscut at face 13.5 m
– 0.6 m shear above ∧ bed at N wt
– 3.4 floor N wt – 4 m wide in vn.
6.8 N, 7.0 S bed 190°/35° NW, bed 1.90 m
– 4.5 N – flatter 2 cm qtz vn intersect 18
vein at 81 cm, this ∧ bed
323°/13° NE, 9.5 S bed, 9.5 N bed.



+ from A down drift to N → per B
– 2.2 FW wt vn FW ∧ bed – 1.68,
353°/40° NE, white intbroed quartz
– 5.3 m W wt 1.40 FW, 1.72 HW ∧ cut ∧
bed, 52 cm true bed
bended quartz vein cutting wt. alt drow

SM-20 June 9/88 4/6

+ B → C SV pt. 3.7 m

-3.7 vein HW ∩ back

-2.4 W wit 1.81 FW, 2.06 HW ∩ back

355°/51° NE true width 46

SMBW-124 across white banded quartz

cutting mr.-alt. chlorite

+ C → D 5.6 m

-1.3 FW vein at W back, HW vein at E back

-4.1 W wit FW 1.50 HW 1.90, back - 2.20

+ 000°/52° E D → E 5.5 m

- 2.8 - 010°/40° SE W wit FW 1.84, back 2.10, HW above back, vein is above - banded w/ mr sid chlorite

-5.5 m - W wit FW - 2.00 back - 2.23

+ E → 117 7.1 m

E → face 11.6 m

-4.2 m W wit 041°/45° SE W wit 1.55 FW, 1.88 HW ∩ back true width 50 cm.

SMBW-125 white quartz vein, stream at FW contact

-7.7 W wit, 1.4 m FW, 1.7 m HW back - 2.0 m

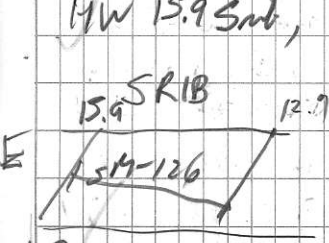
NEVILLE CROSBY INC 46 LF

-11.3 W int. vein zone of subparallel 3-5cm quartz veins, shear black and rock within zone 1.70 FW, 2.0 HW = back = 008°/45°SE.

+ from 117 down crosscut to E 17.4 m - 4.9 back S int, 4.7 N int, 15cm wide shear zone, w/ quartz calcite stringer (2.26m high) floor S int 190°/25°NW, 8.1

-11.9 S int 225°/12° NW 10cm shear w/ calcite 12.10 N int 12.1 floor S

-12.9 S back FW, 12.7 N int 030°/43°SE HW 15.9 S int, 16 N int 005°/55°SE → 10cm qz vnt crack



- 2.2 true wide gray to black to orange shear zone with 30% clay, finely laminated sheared material - 1-2mm, 2-3cm quartz vein on parallel shear

SM-20 June 9/88 5/6

+ [Level 0] – from A SOUTH to NE corner of B

cross cut 17.20 m

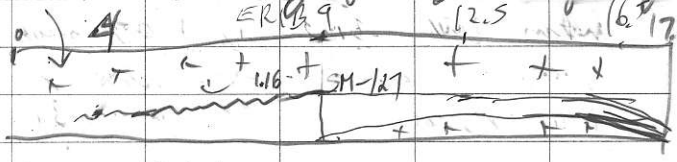
-4 m E nit – vein floor (back -2.30 m)

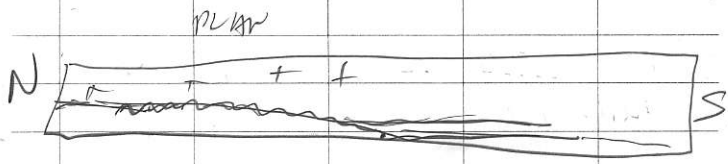
wk qtz – banded at FW near floor

- highly veined mr-wk wall above vein

322°/56° NE – vein attitude + fault

mr, diorite] at 80 cm from floor.





4 m fault ∩ vein i carta 7 back – ∩ vein

-9 m [SMBW-127] E nit TW = 70 cm.

fault ∩ back here, vein probably doubled up here due to this fault. α = 215

fault ∩ E nit at 1.16 m 323°/68° NE

+12.5 E nit FW, 0.35 HW 0.77

wk banded qz vn, HW above vein

∩ mr wk TW = 20 cm

317°/50° NE

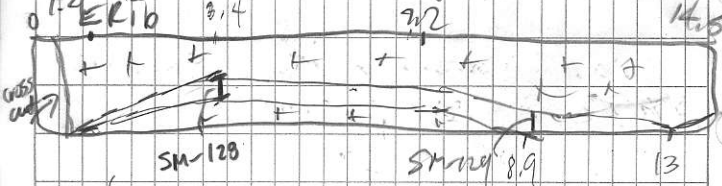
324°/56° NE

-16.5 m E nit, FW 0.44, HW – 0.64, TW = 24 cm

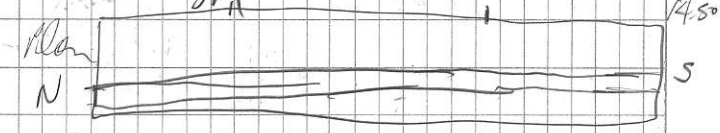
E Rito vein floor ∩ at 17.4

NEVILLE CROSBY INC 45 LF

+ NE corner of E crosscut as pastel 14.50 m
- 1.4 m — FW vein n floor



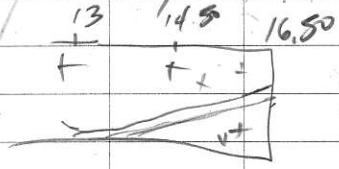
- 3.4 850°/28° NE - E FW 0.30 HW 1.06, 44cm TW, SMBW-128 28cm quartz at HW FW zone of light quartz vein mangosite red alt. chlorite. FW has 2mm black fault gouge - 357°/48° NE.



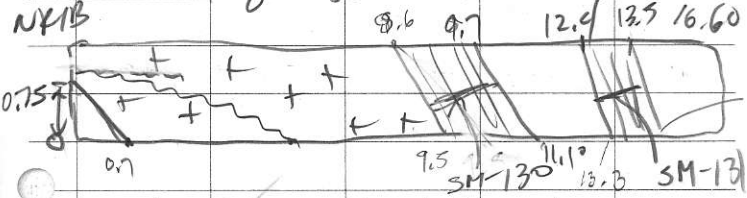
- 7.2m Ent white quartz vein shearing at FW mr. alt chlorite at HW / above vein 357°/48° NE FW 0.85, HW 1.03, TW = 27cm
- 8.9m - FW vein n groundE rt,
- 11.0 E rt, FW at floor, HW 1.38m 347°/41° NE

• SM-20 June 9/88 6/6

-9 m [SMBW-129] gray tonalite quartz vein
limonitic gauge at back contact, TW 30cm
-13 m - HW E rit at floor 350°/45° NE
-16.50 m - TW vein ~ 15cm FW Ent. 1.40
1.45 HW Ent 355°/44° NE



+ E crosscut from NE corner pt to face 16.6 m
- .7 N floor, 0.8 S floor - to contact back -
HW of quartz vein (.0m - HW ∩ ⊕ rit at 0.75)



-0.4 - N rit fault. ∩ ⊕ rit at 1.30
035°/45° SE fault ∩ E rit floor 5m

-6.5N, 6.1S ⊕ floor 7.2, 1-3cm calcite
vein w/ shear zone to 5cm 338°/69° NE

-8.5 S, 8.6N, 9.5 N floor [SMBW-130] zone of
3-5cm quartz veins - stringers, broken up vein
→ FW 320°/62° NE True width 1.04 m

HW 9.7N, 9.3,5 N floor 11.10 very atticious
gone, associated at HW contact

- quartz veined shear zone in area of old powder holes. [SM8W-13] 12.4 - 13.5 N feet
13.3 + 15.1 - floor true width 1.10 m
HW - 345°/50° NE
FW - 322°/72° NE

from 13 m - to chips 5. 10.5 m
- 10.5 composite - stopped to the E - down wood.
- S HW ∩ E bed, FW ∩ W Bed
HW 352°/60° NE 2-5cm wide quartz veins
FW 338°/50° NE within shear zone.

- 10 m - # bed opens shear zone edge veins
HW 340°/60° NE
FW 350°/74° NE
[SM8W-132] TW = 1.51 m

NEWILLE CROSBY INC 46 LF

SM-21 July 1/88 Y1

culverts on Hwy Between bridge + E end of claim

m				
0 m	- at bridge			
50 m	1st / culvert		01	
1,800	02	"	02	
2,100	03	"	03	2,100
	04		04	
	05	between turn off to upper / lower adits 1,600 ft	05	1,500
3,300	06	E post No. 5.	06	900
3,500	07		07	700
4,200	turn around			

SM-22 July 2/88

drill hole WS880009 - two options -

2nd choice 1) 248° -75° 260m (may run into lots of OB)
120° 80m from 84-6

or

1st choice 2) 218° -75° 260m (may be less O/B)
110° 53m from 84-6
343 m along road to 84-6

TWO BOB

226° -70° - designed to intersect target (PP depth - dip ~ 60°) at 45m -
Total hole depth 55-60m.
collar - 20m, 046° from 87-7
- locate collar at sit. of T-47
025° 34.6m from 87-7 collar to new Two Bob hole.
275° 17.5m from new collar to road
4+25E 5+50N

JB John Baxter - Billing

- Closing to 1501

SM-23 July 4/88 + July 6/88 1/2

Drill onto site

flat bed arrive at turn off at 10:30 am. Don Rebe arrived ~ 11:45 am. Showed Eric the site - looks good. ~12:45 Eric starts road construction for crossing smaller gully.

Talk to driver - John - driving off the road. I don't know what he was doing driving down this road.

July 5/88

8:30 am - still setting up drill & fixing water line - should be drilling by noon - (Don Rebe)

2:00 pm - 20' O/B

7:00 pm - end of day shift 84' O/B

July 6 7 am - end of night shift 134' still in O/B

July 6 5 pm - cored to 161' (about 70-8' into bedrock) - hole at 174' - in trouble

July 6 end of day shift 205'

July 4/88 2/2

Sample to stain:

1) 87-5 76.50m - light grey v. fine grained rock, very siliceous - chert?

2) 87-5 93.0m - highly sheared diorite

- (AB) - Albitized T MOD - look up code
- ALBI Albitite - look up rock code

CB-5 July 5/88 M577 Y

South Wayside VLF GRID with JB line 'E

LINE 'E

	SEATTLE		ANNAPOLIS		
Station	IP	QUAD	IP	Quad	Comment
40412.5N					
404 .5N					
40,325					

SEATTLE READING TAKEN FACING ____

ANNAPOLIS READING TAKEN FACING ____

CB-5 July 5/88 M577 Y

. South Wayside VLF GRID with JB line 'E

LINE 'E

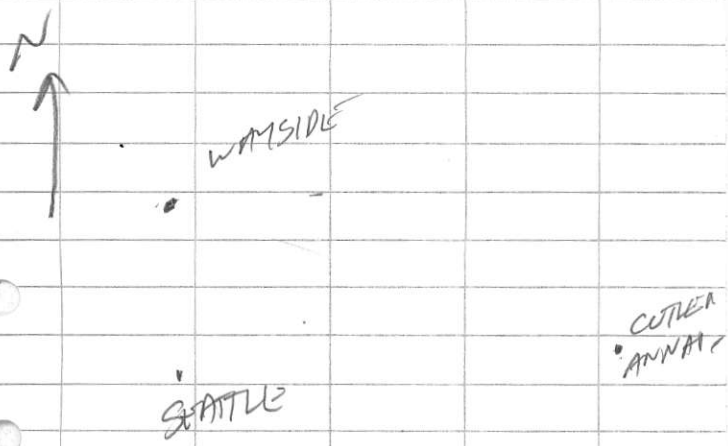
	SEATTLE		ANNAPOLIS		
Station	IP	QUAD	IP	QUAD	Comment
4042.5N					
404 0S N					
404 355					

SEATTLE READING TAKEN FACING ____
ANNAPOLIS READING TAKEN FACING ____

VLF NOTES WAYSIDE

- NULL SIGNAL + THEN TURN 90° TO THE LEFT

SEATTLE - FACING E
CUTLER FACING NE
ANNAPOLIS



July 6/88 SM-24 1/1

Prop. tour w/ Eric Bower

240 m vertical depth (1 pump

waterline - 3000' - 900 m pipe

435 pump - water to SW

Divide - through 0 & culvert

+ along road from 80-6-5

to TL 28. w/ staging pump +

tank for holding water.

main zone + Two Bob

through 06 culvert to

working road site.

2 N. PAYTOR

3 ROCKY ROAD

4 TWOBOB

5 LOWER VLF

6 UPPER VLF

7 KNOB

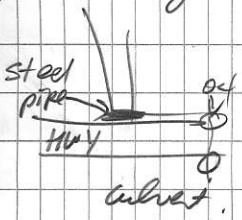
8 MAC

9 CHUTT.

NO 10/12 gal/min

VITROLIC ~~[illegible]~~ pipe - al. pipe

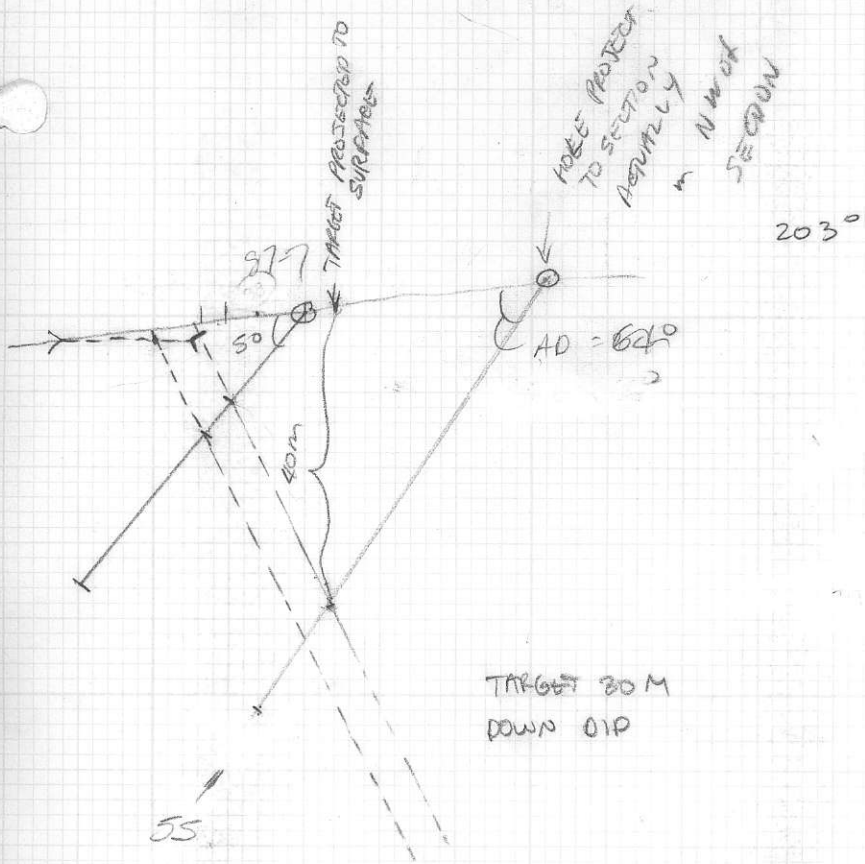
to be laid in pipe (steel) where road been hill from camp site meets highway



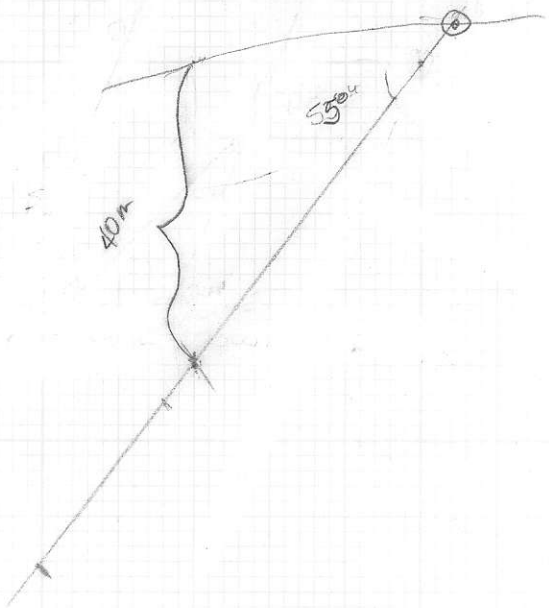
- lear pump at main river near drill site 88-9 : pipe to rocky road site.

NEVILLE CROSBY INC 45 LF

TWO BOB DRILLING. July 6/88



TRUE SECTION (203° - 55°)



July 21/88 SM-24 1/1
July 7/88 88-9 8:30 am 347'

July 21/88 — Wayside
checking location of turn off to
upper Two Bot trenches -

217.0 m West from Stim Lake Rd to
turn off to upper 2 Bot -
m from turn off to upper 2 Bot
to Paxton area (88-10) turn
off (heading West ~~from~~

112 m W from upper 2 Bot turn off to
road to Ben Sohn.

1:30 pm - drill ~ 34.00' probably
just got into bed rock -
hole 88 - 13 Lower VLF
pad.

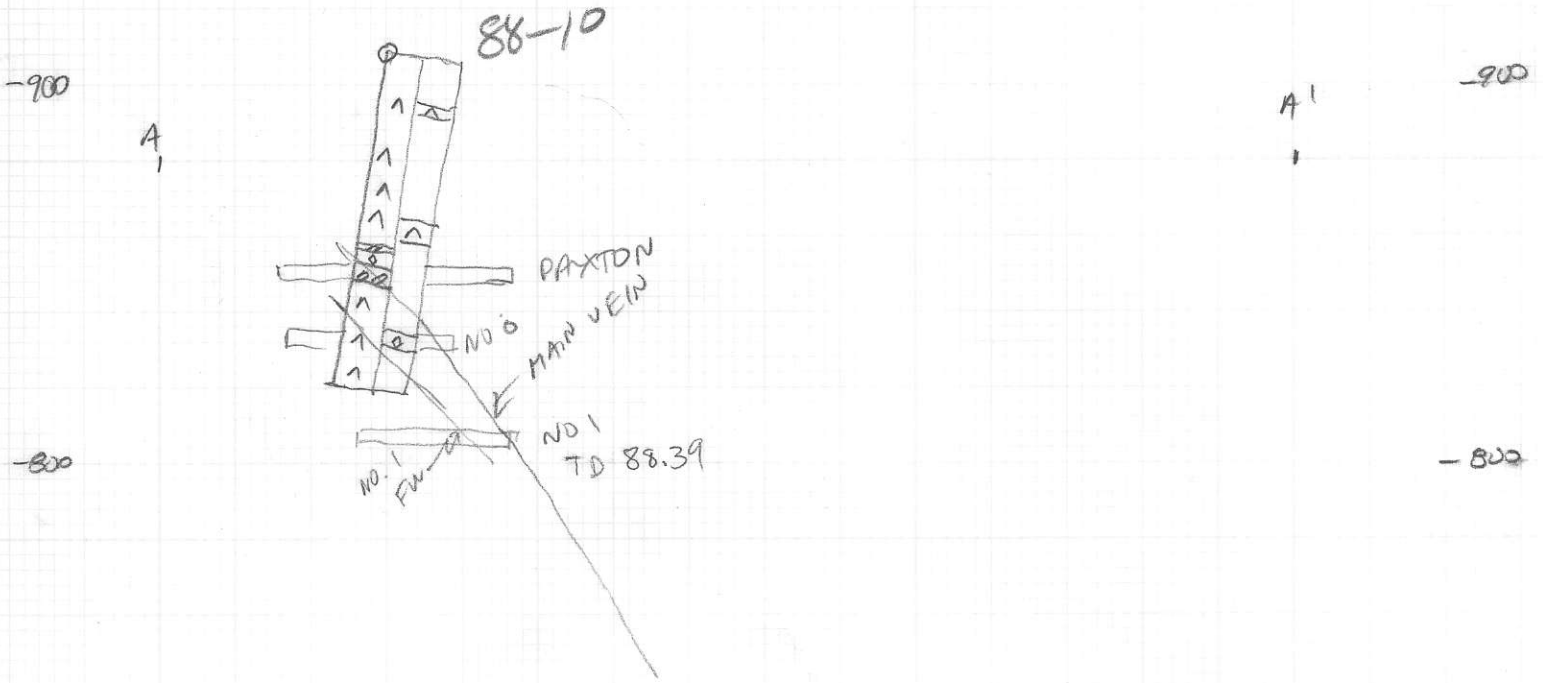
SAMPLE	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm
SM8W- 1	-5	31	10	6	41	0.3	24	
SM8W- 2	-5	53	36	14	36	0.2	14	
SM8W- 3	-5	89	1	1	52	0.1	4	
SM8W- 4	-5	70	1	1	52	0.1	4	
SM8W- 5	-5	92	1	1	51	0.1	6	
SM8W- 6	-5	83	1	1	47	0.1	5	
SM8W- 7	-5	63	1	1	54	0.1	9	
SM8W- 8	50	14	3	9	71	0.4	29	
SM8W- 9	35	10	1	15	43	0.3	24	
SM8W- 10	45	11	1	14	43	0.3	19	
SM8W- 11	5	22	1	1	40	0.1	35	
SM8W- 12	5	15	1	1	35	0.1	50	
SM8W- 13	-5	11	1	1	23	0.1	7	
SM8W- 14	5	12	1	1	21	0.1	9	
SM8W- 15	-5	78	2	1	75	0.1	4	
SM8W- 16	-5	69	1	1	74	0.1	4	
SM8W- 17	10	88	1	1	160	0.1	10	
SM8W- 18	-5	48	1	1	148	0.1	10	
SM8W- 19	-5	43	1	1	112	0.1	4	
SM8W- 20	-5	80	1	1	106	0.1	4	
SM8W- 21	5	125	1	1	119	0.2	4	
SM8W- 22	-5	25	1	1	168	0.1	4	
SM8W- 23	300	29	1	1	35	0.3	590	
SM8W- 24	700	147	1	1	31	0.5	1100	
SM8W- 25	1500	73	1	4	25	0.7	1000	
SM8W- 26	20	57	1	1	41	0.1	48	
SM8W- 27	25	68	1	1	30	0.1	43	
SM8W- 28	5	105	1	1	33	0.1	55	
SM8W- 29	5	82	1	1	34	0.1	12	
SM8W- 30	5	91	1	1	37	0.1	10	
SM8W- 31	-5	117	1	1	26	0.1	5	
SM8W- 32	-5	68	1	1	25	0.1	10	
SM8W- 33	15	39	1	1	38	0.1	14	
SM8W- 34	-5	52	1	1	28	0.1	7	
SM8W- 35	15	64	1	1	30	0.1	9	
SM8W- 36	20	41	1	1	13	0.1	9	
SM8W- 37	105	45	1	1	85	0.5	73	
SM8W- 38	50	35	1	6	77	0.2	100	
SM8W- 39	40	19	1	1	28	0.1	500	
SM8W- 40	20	21	1	1	29	0.1	550	
SM8W- 41	-5	28	1	1	61	0.1	38	
SM8W- 42	5	7	1	1	74	0.1	46	
SM8W- 43	20	3	1	1	81	0.1	140	
SM8W- 44	2400	2	1	1	32	0.8	500	
SM8W- 45	20	4	1	1	76	0.1	170	
SM8W- 46	15	15	1	1	33	0.2	22	

WS880009 A8818827

FROM	TO	SAMPLE #	LENGTH (M)	Au ppb	Sb ppm	As ppm	Cu ppm	Pb ppm	Mo ppm	Ag ppm	Zn ppm
0.00	76.42										
76.42	77.42	79001	1.00	20	1.2	30	6	4	1	0.1	49
77.42	78.61	79002	1.19	10	1.2	61	17	2	2	0.1	32
78.61	79.61	79003	1.00	-5	4	29	26	1	1	0.1	49
79.61	80.61	79004	1.00	-5	6.8	100	46	1	1	0.1	40
80.61	82.46	79005	1.85	-5	20	60	67	22	2	0.1	42
82.46	86.64										
86.64	87.64	79006	1.00	-5	1.8	6	5	3	2	0.1	19
87.64	88.75	79007	1.11	-5	1	29	1	2	2	0.1	19
88.75	90.73	79008	1.98	-5	0.8	11	16	1	1	0.1	25
90.73	98.32										
98.32	99.87	79009	1.55	-5	1.4	7	4	6	1	0.1	22
99.87	114.91										
114.91	115.91	79010	1.00	-5	0.2	7	1	1	1	0.1	11
115.91	117.55	79011	1.64	-5	0.2	25	1	1	1	0.1	15
117.55	165.85										
165.85	166.80	79012	0.95	2350	5	7000	67	1	1	0.5	68
166.80	168.35	79013	1.55	2650	7.2	10000	21	1	1	0.1	50
168.35	169.30	79014	0.95	570	2.4	2800	34	1	1	0.1	64
169.30	169.77	79015	0.47	2820	6.8	9300	24	1	1	0.1	46
169.77	181.87										
181.87	182.87	79016	1.00	25	0.4	100	1	1	1	0.1	39
182.87	191.11										
191.11	191.61	79017	0.50	520	4.4	2100	1	1	1	0.1	28
191.61	213.00										
213.00	214.00	79018	1.00	15	0.2	35	3	1	1	0.1	49
214.00	215.00	79019	1.00	-5	0.3	14	1	1	1	0.1	47
215.00	216.00	79020	1.00	10	0.2	14	1	1	1	0.1	38
216.00	217.00	79021	1.00	-5	0.6	7	1	1	1	0.1	42
217.00	218.00	79022	1.00	10	0.5	6	3	1	1	0.1	45
218.00	219.46	79023	1.46	-5	1	6	2	1	1	0.1	45
219.46	237.80										
237.80	239.42	79024	1.62	-5	0.2	19	32	1	1	0.1	36
239.42	257.98										
257.98	258.96	79025	0.98	-5	0.6	3	24	2	1	0.1	20
258.96	260.30										

WS880010 CROSS SECTION AT 069° July 21/88
(NOT TRUE CROSS SECTION)

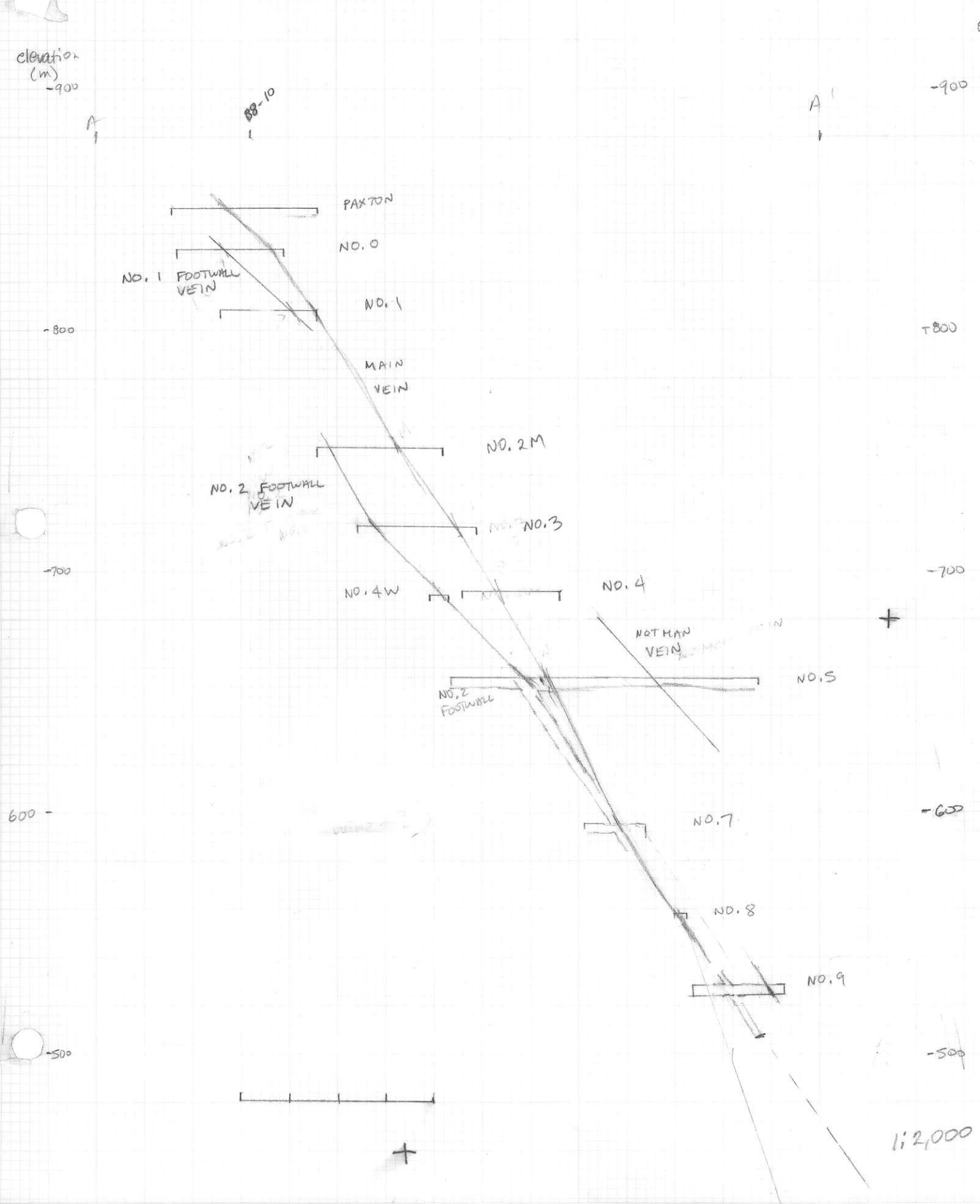
PROJECTED ONTO SCHEMATIC C.S.



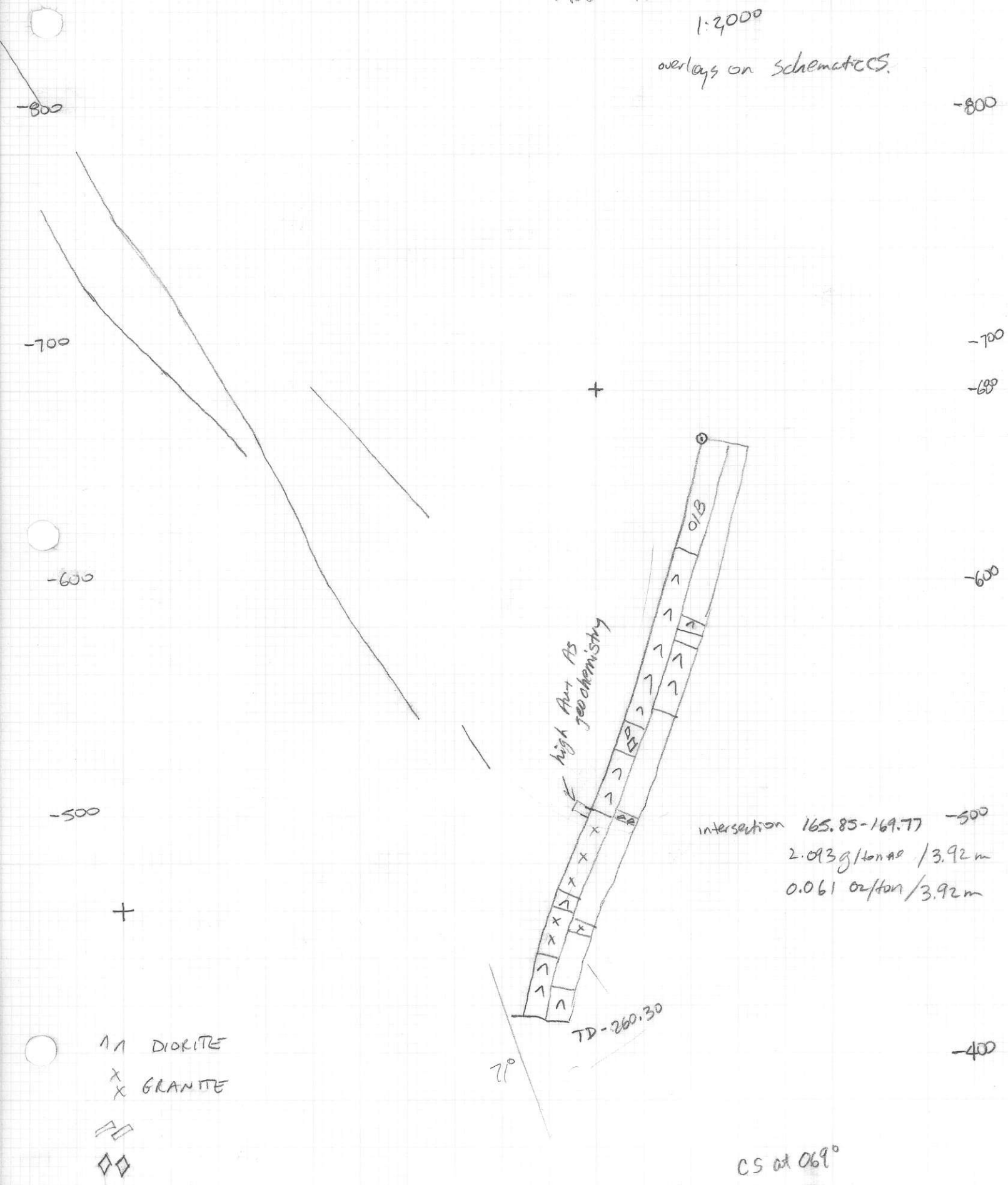
1:2000
overlays on schematic C.S.

July 21

WAYSIDE UNDERGROUND WORKINGS
SCHEMATIC CROSS SECTION



WS880009 CROSS SECTION AT 069° July 21
(NOT TRUE CROSS SECTION)
1:2000
overlays on schematics.



July 21/88.

CS at 069° - 88-9

$\frac{253.0}{260.3}$ (projected length) (true length) = .9719554

True intersections - 165.85 - 169.77

intersections on projected section at 069° (ie true length x .9719554)

- 161.2 - 165.0

Average Au intersection

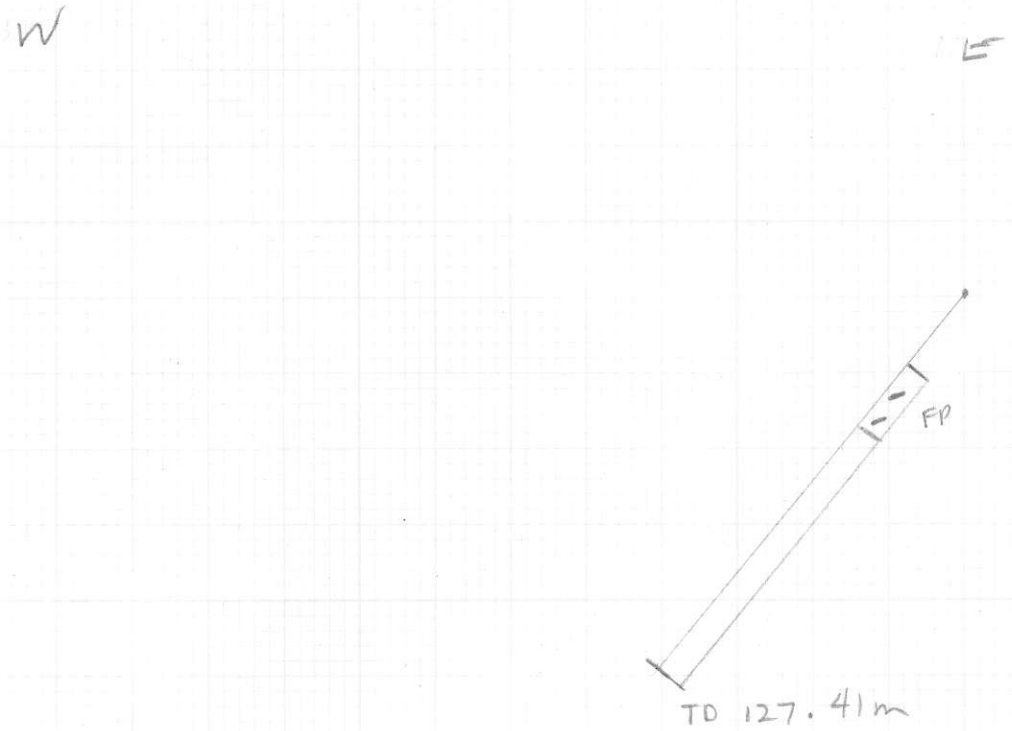
length.		ppb	
0.95	x	2350	2232.5
1.55	x	2650	4107.5
0.95	x	570	541.5
0.47	x	2820	1325.4
3.92 m			8206.9 ÷ 3.92 - 2093 ppb / 3.92 m

2.093 g/tonne / 3.92 m
0.061 oz/ton / 3.92 m

WS880013

July 31, 1988

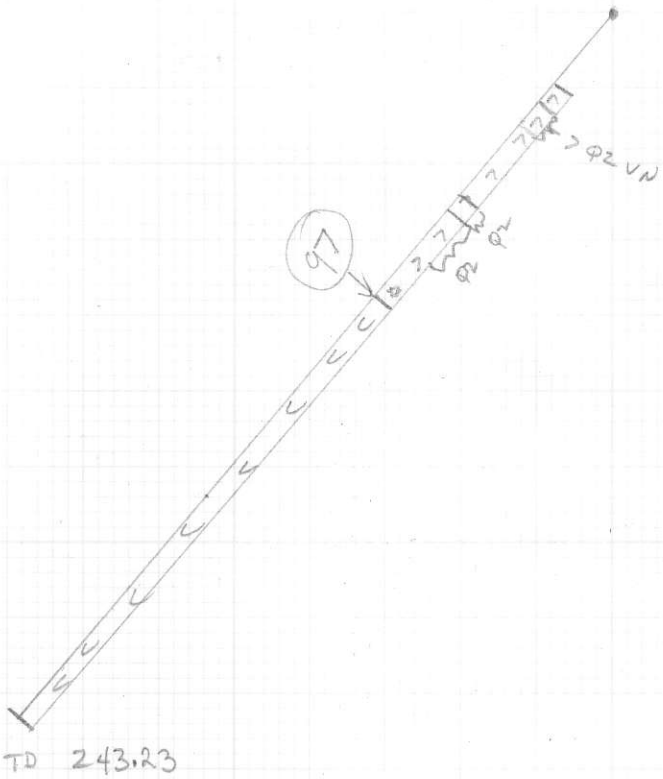
1:2,000



WS880014 CROSS-SECTION

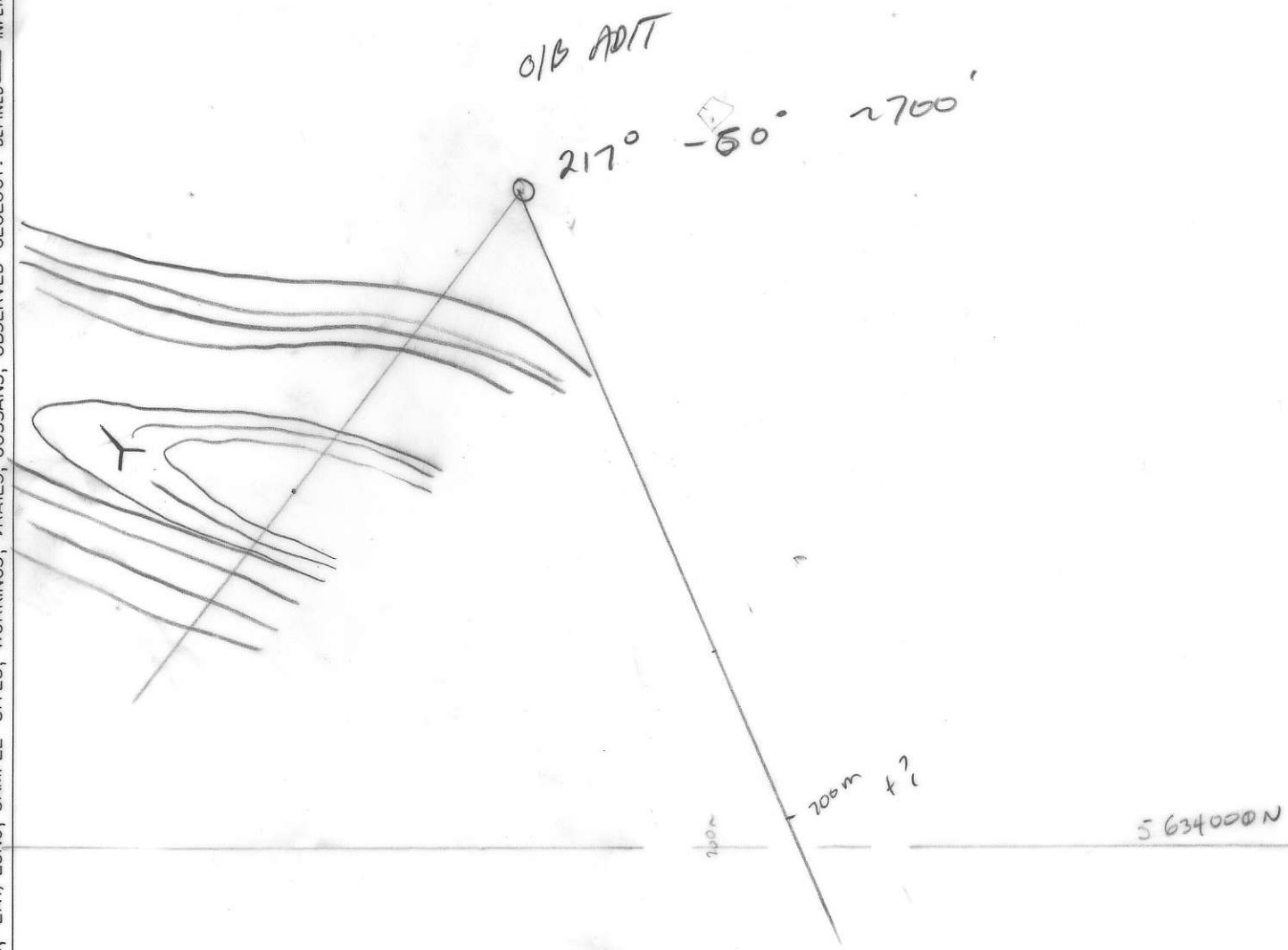
July 31, 1988
1:2000

SW NE



Project A577	NTS	Scale 1:2000	Page of	Traverse
Sampler SM	Location, Target (words) Sheet 1 - entrance SW DIORITE HOLE		Sample Nos	
Date AUG 2, 1988	photo no. 01B ADIT HOLE		Cert. Nos	

OVERLAY FOR SHEET 1 P-9b



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

511,500E

BCL 6662a—CSM

ATTITUDES (100/40 N)

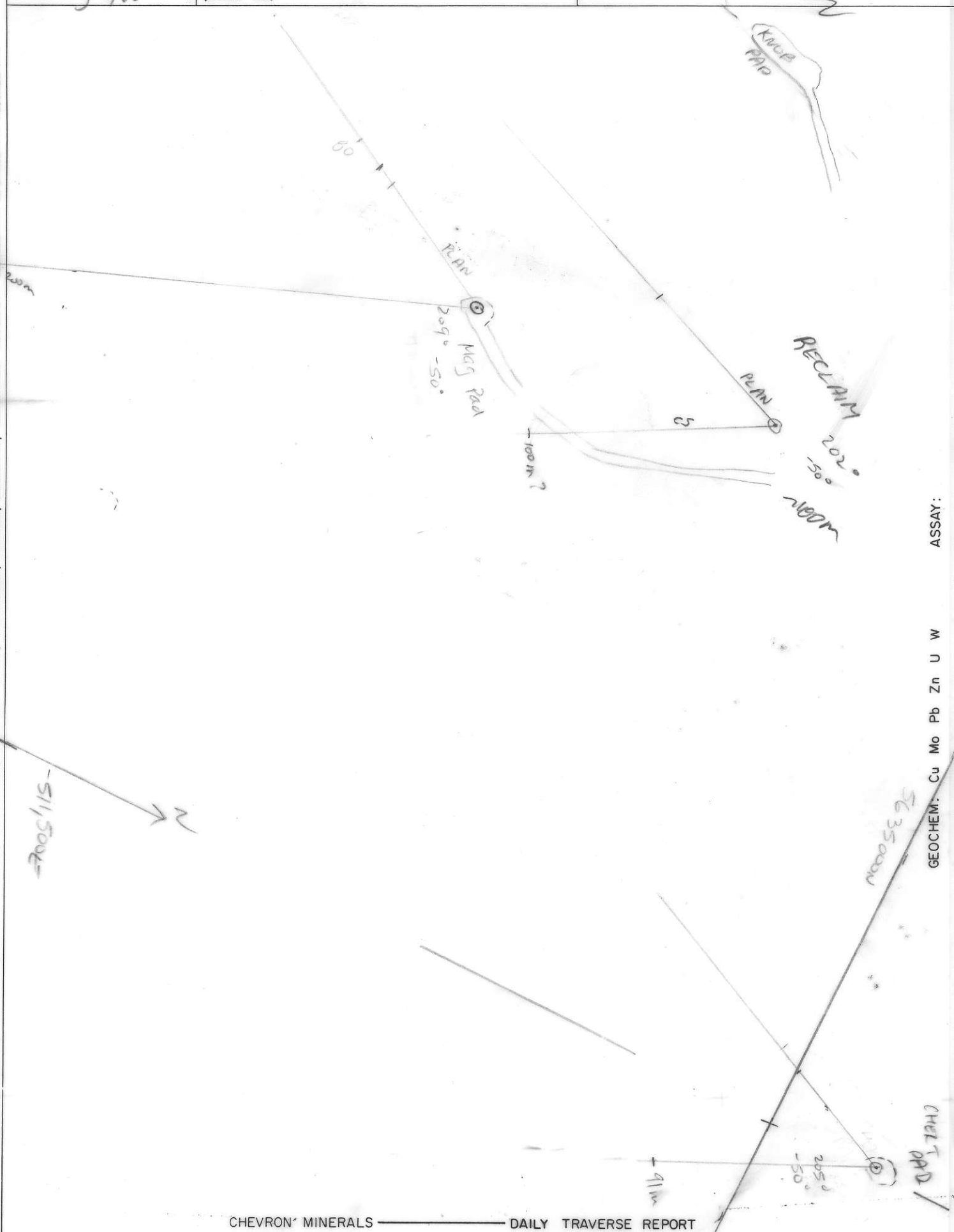
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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.....

Project M577	NTS	Scale 1:2000	Page of	Traverse
Sampler SM	Location, Target (words) Mag Pad, Chert Pad, RECLAIM PAD		Sample Nos	
Date Aug 3/88	photo no.		Cert. Nos	



BCL 66642—CSM

ATTITUDES ✓100/40 N

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DEFINED —— INFERRED - - - ASSUMED.....

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M577	NTS 92 J 15	Scale	Page of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date Aug 12/88	photo no. NO 5		Cert. Nos	

REFERENCES TO UNDERGROUND/ OLD DRILL HOLES

- granite in 905 + 906
- 902 324-330' hornblende porphyry
  " 581 - 618' albitite
- 912 485-486' feldspar porphyry
- 914 94 - 99' feld spar porphyry
- 905 + 906 indicate that silicified breccia continues at least 200' beyond present face.

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES / 100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS

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

Aug 13/88 1/3

LEVON TOUR

600,000 ~.24 - .3 pr/t
→ overall

Howard.
330-340° - West -
dip 45-60°

Upper Howard ~.7 oz/ton 2 m
area of qtz stibnite vein
w/ gabbro (w/ some
greenstone)

Aspy - ~ Au.
py, stibnite

820' strike - working on
upper Howard.

Tour of Levon's Longress
property with Sigfra Boggeson
geologist.
Tour Howard working.
Vein narrow quartz vein
2-5cm w/ volcanics within

Aug 13/88

alteration halo that extends to 2m. less than 20% quartz through "shear" zone - overall rock highly altered around quartz + within shear. Fe-carbonate common.

W C.S. E

dips 45-65 W

well developed HW shear plane - razor sharp with black to grey gouge 1-5mm on plane. Dips vary from 45-65° but strike is fairly consistent at approximately 330-340°.

Upper Howard - just opened up this year. Quartz veins to a maximum of 30 cm with a 2m (max) zone of intense Fe-Ca alteration. manganese common. again HW shear is a razor sharp plane that forms

Upper Howard

Plan W C.S E

330-340°

45-65°

width - max ~2 m.

Lower Howard ~140 m lower in elevation. Similar attitude to vein, but different host.

Order get to all property geology maps. Will get back to Dave Lemming next week for a more regional picture, as well as for info on other claims.

NEBLE CROSBY INC 45 LF

Aug 13/88 3/3

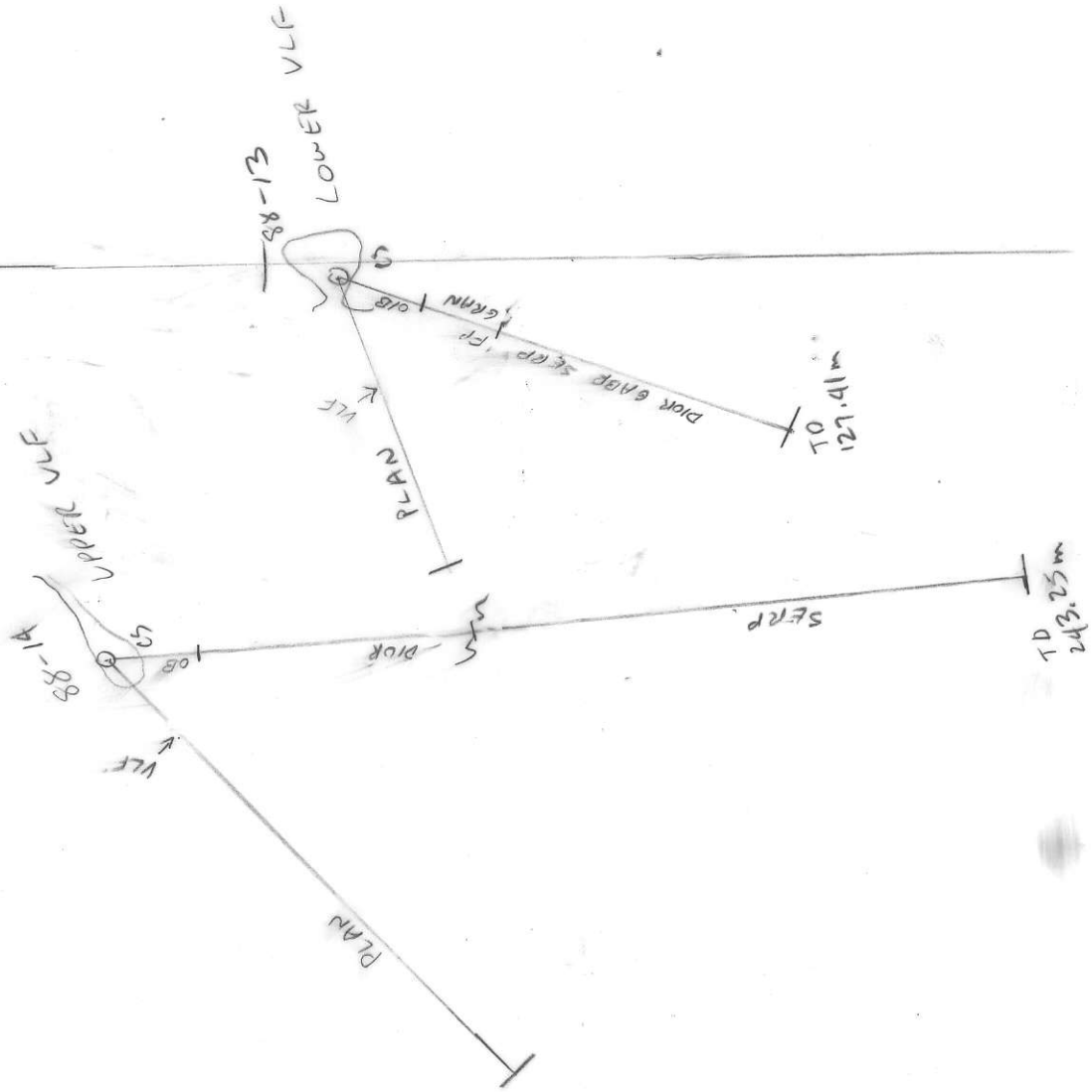
the western bounds of elevation. Host rock here is gabbro with local zones of greenstone - looks similar in composition, but is fine grained.

quartz veins - may contain pyrite, stibnite and arsenopyrite. gold seems to be associated w/ the arsenopyrite. Stibnite is very common. Values of up to 8.00 oz/ton over ~1 m have been reported (Devon's own lab in Gold Bridge).

average intersections reported 0.1 - 0.2 oz/ton over the interval that includes veins as well as surrounding Fe-Co alt. rock.

~830' of drift on Upper Heavens
- they are driving a sublevel + a raise on the Lower Heavens.

Project M577	NTS	Scale 1:2000	Page of	Traverse
Sampler SM	Location, Target (words)		Sample Nos	
Date AUG 3/88	photo no. 5634 5002	84-14, 88-13	Cert. Nos	



3000 115

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

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

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

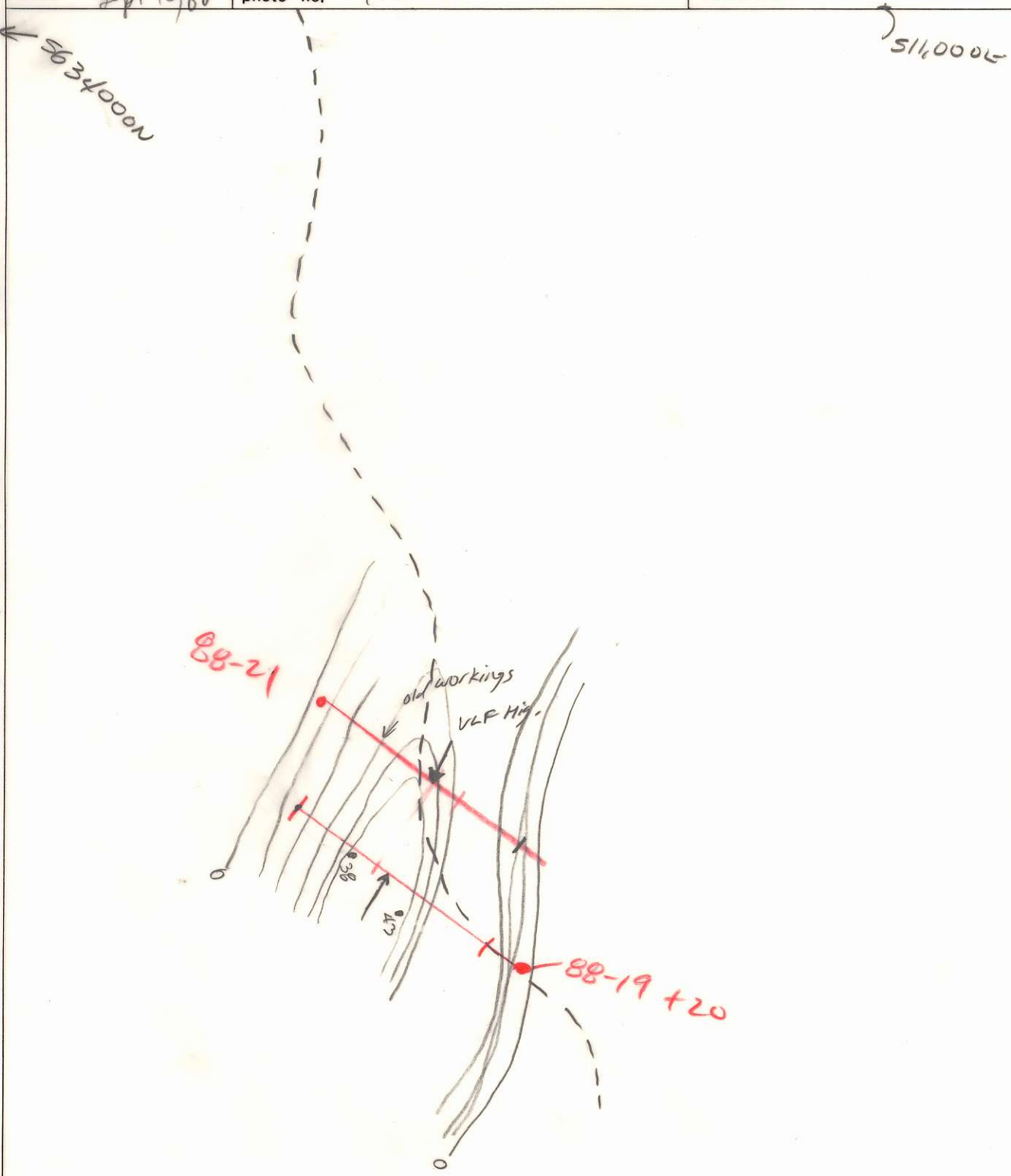
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (100/40 N)

BCIL 66620—CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	Page 1 of 3	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date Sept 10/88	photo no. 1:2000		Cert. Nos	



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

BCIL 66620—CSM

ATTITUDES (100/40 N)

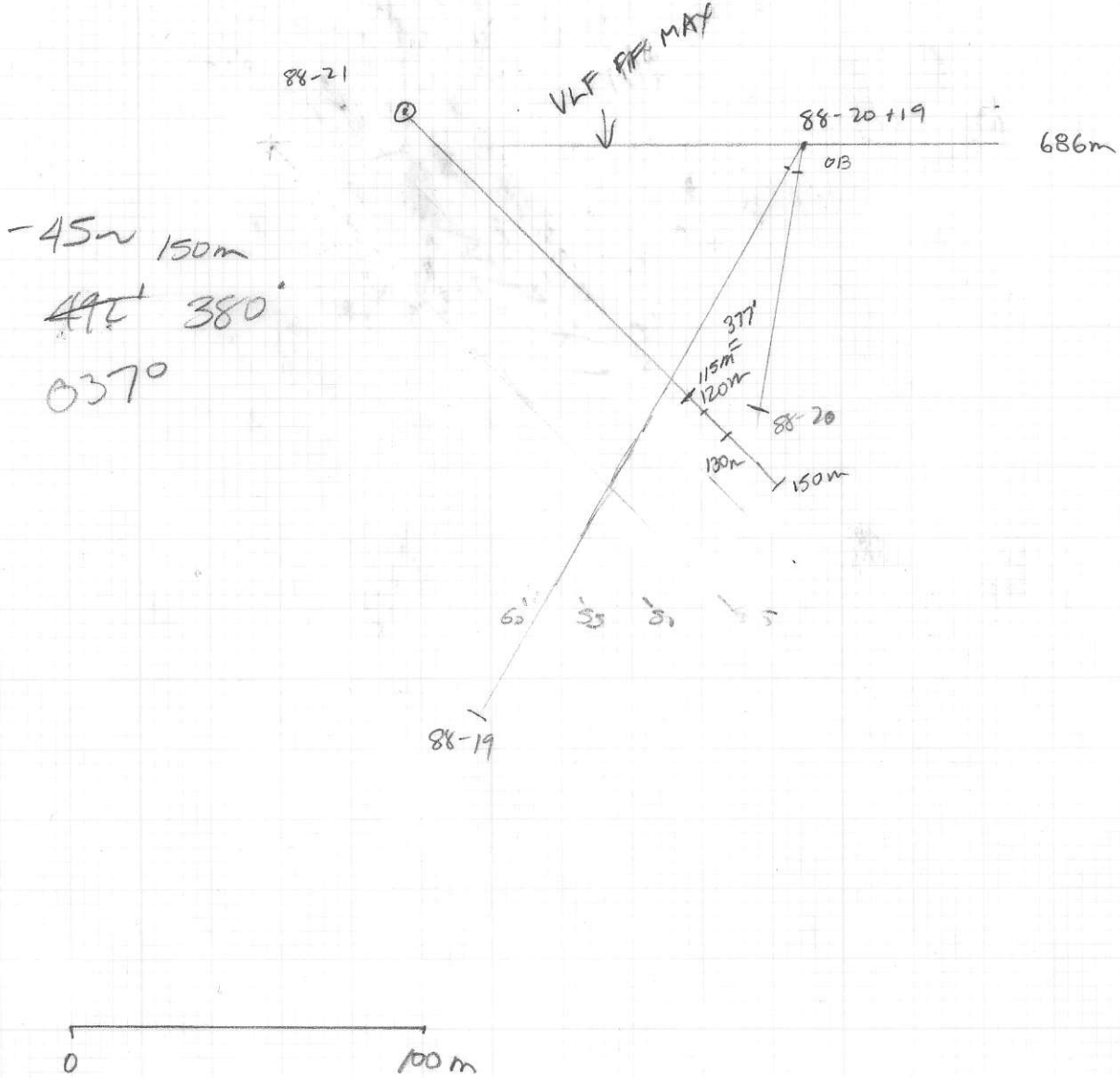
SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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

1:2,000



2/3

Sept 10/88

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

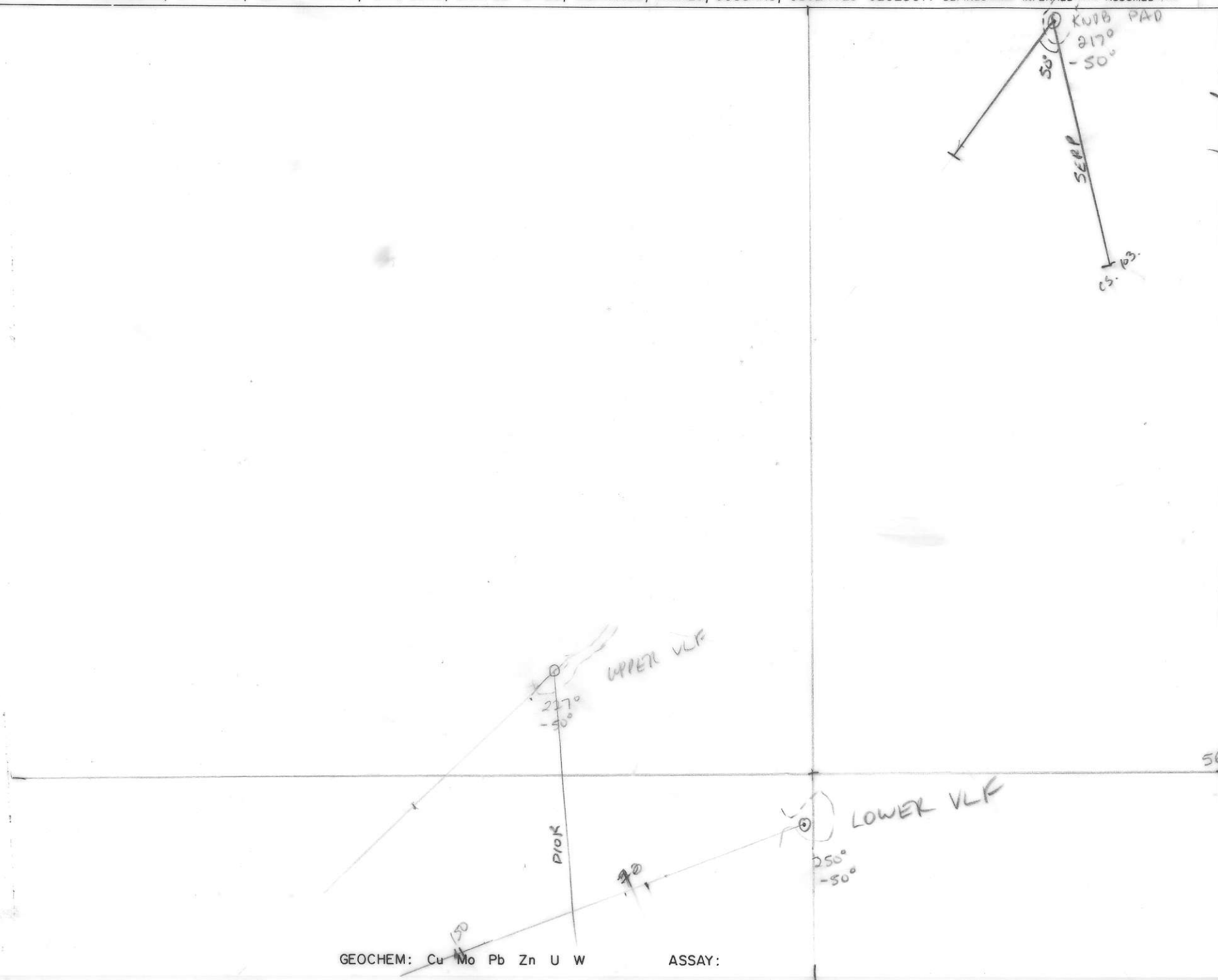
SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (∠100/40 N)

BCL 6662a-CSW

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	NTS	Scale	Page 3 of 3
Sampler	Location, Target (words)		Traverse
Date Sept 10/88	photo no.		Sample Nos 500N
			Cert. Nos 5634

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

OCT 1/88
NEVILLE CROSBY INC. VANCOUVER B.C.

SM Sept 29/88 M543 Y

Reconnaissance look at rocks along road of newly staked PEAK & PEAK 2 CLAIMS.

SM-1 to SM-11

set to 0.0 km at N. property boundary

SM-1 0.1 km E side of road - rusty weathered gray w/ green o/c - coarse diss py & py stringers w/ mottled dark & light green tuff.

0.25 km summit

SM-2 0.5 km E side of road - rusty o/c pale green volc. coarse diss. pyrite & blebs of epidote.

SM-3 0.6 km E of road - intensely rusty o/c. OPP - diss py.

SM-4 0.6 km E of road. rusty weathered green volc. diss. pyrite. epidote blebs. o/c to S of OPP above

SM-5 0.9 km E side pale green, siliceous volc. diss & stringer pyrite

NEWILL CROSBY INC. 46LM

0 km at turn off past Railroad Creek

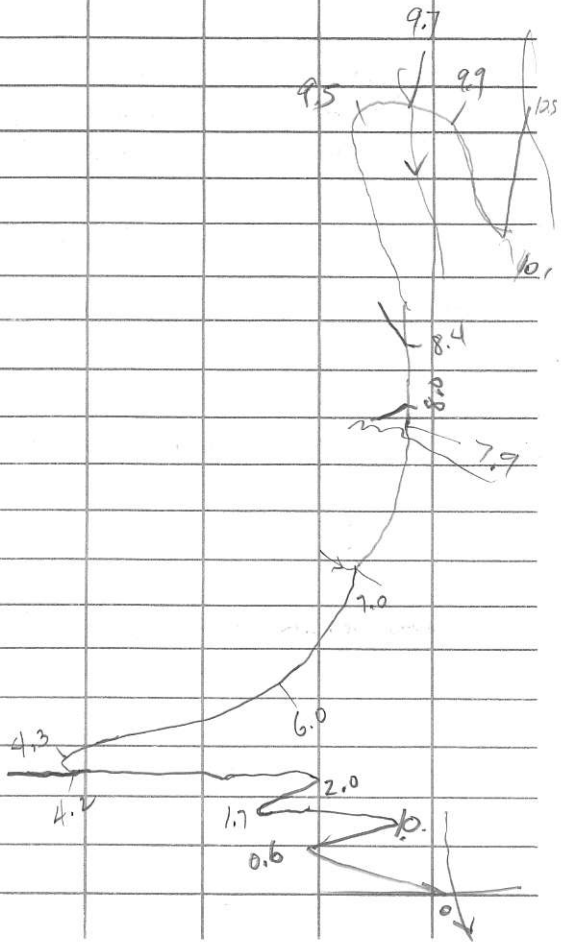
0.6 km 1st hairpin
1.0 (0.4) flat out hairpin
1.7 (0.7) 3rd hairpin
2.0 (0.3) 4th hairpin turn
4.2 (2.2) 5th hairpin turn + road straight
4.3 (0.1) stop of hairpin
4.5 (0.2) major creek
6.0 (1.5) start of gradual turn
7.0 (1.0) major creek - climbing
7.9 (0.9) at open corner - edge of old cut
8.0 (0.1) road up hill to left (new - activity being made
8.4 (0.4) (not new) road up hill to left
9.8 (1.1) turn E forked creek
9.7 (0.2) creek S
9.9 (0.2) turn S
10.1 (0.2) hairpin
10.5 (0.4) join w/ Harley Pass Road
12.3 (1.8) flagged line (?)
14.6 (2.3) pass.
14.8 (0.2) N most claim boundary - just past yellow "GOLD TOUR" sign

BACK TO TEMBLEMAN FROM BRYNORM
0.0 N PROPERTY BOUNDARY

NEVILLE CROSBY INC.
VANCOUVER B.C.

SM-6	1.1 Km	E side	rusty zone - greenstone w/ diss pyrite
SM-7	1.7 Km	E side	rusty weathered med gr. intrusive - grey green, diss py.
SM-8	1.6 Km	E side	rusty weathered sheared zone - no MS.
2.5 Km	claim line		
4.3 Km	turn off to new Pemberton road.		
4.6	hair pin		
5.1	bridge		
SM-9	5.3 Km	W side	rusty zone - light buff - v. fine grained almost cherty ~~rusty~~ diss py.
SM-10	5.4 Km	W.	float - pale green ind. epidote blebs, pyrite.
SM-11	5.8 Km	W.	rusty weathered phyllite, diss pyrite

NEVILLE CROSBY INC.
VANCOUVER, B.C.



SM

TRAV INDEX

DATE	PROJECT	TRAV #	NTS #	CLAIM	LOCATION	SAMPLE #
24-Aug-88						
25-Aug-88						
26-Aug-88						
27-Aug-88						
28-Aug-88						
29-Aug-88						
30-Aug-88						
31-Aug-88						
01-Sep-88						
02-Sep-88						
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