JUN 6
JUN 7
JUN 8
JUN 9
Kwagoyo Creek
Little Creek
T-1
T-8
T-6
GOLD I
ROSE 2
ROSE 3
JUNE
DUG
ICARIBOU
RIVER
QUESNEL
QUESNEL FORKS
Wolverine Lake
Roselle Lake
EASY 7
EASY 6
EASY 4
EASY 5
EASY 3
EASY 1
T-2
T-5
T-3
T-4
TY
E 2 (6 units)
E JL Claim 2 units
Grogan Creek
Gold Creek
Airstrip
Poquette Lake
Grid Central Grid
Blackbear Creek
Sparks
NOV 4
AUG 1
MARCH 1
MARCH 2
JUN 10
JUN 11
LAKE 1
Ban 1&2 Raymond Creek
also these claims
See 1980 Report R.HRKAC
SPANISH LAKE
GREG LAKE
T-7
JU-1 (9 units)
J1 (10 units)
J2 (10 units)

LEGEND

1	RHYOLITE DIKES
2	CONGLOMERATE, GREYWACKE, SHALE
3	DIORITE, SYENITE, MONZONITE
4	BASALT, AUGITE PORPHYRY BASALT AGGLOMERATE, TUFF
5	ANDESITE, BASALT
6	ARGILLITE
7	4 AND 5 WITH MINOR 6 UNDIVIDED
8	PHYLLITE, ARGILLITE, QUARTZITE, SCHIST, SLATE, GREENSTONE
9	UNDIVIDED 8 AND 4
⊗	PROPYLITE FLOAT
x	OUTCROP AREA
	FAULT
	PROPOSED GRID FOR MAGNETOMETER, EM AND GEOCHEMICAL SURVEY
57850	GAMMAS
	Soil Sample +10 PPB Gold.

1982 PROGRAM:

PROPOSED RECONNAISSANCE GRID	=	188.2 km	+ 3830 SOIL SAMPLES
PROPOSED FILL-IN NORTH GRID	=	15.0 km	+ 508 SOIL SAMPLES
PROPOSED FILL-IN CENTRAL GRID	=	16.7 km	+ 642 SOIL SAMPLES
PROPOSED FILL-IN SOUTH GRID	=	10.4 km	+ 332 SOIL SAMPLES
TOTAL		230.3 km	+ 5312 SOIL SAMPLES

NOTE: GEOLOGY AFTER SILVER STANDARD, GODFREY, HRKAC, GSC OF 574

TO ACCOMPANY ASSESSMENT REPORT ENTITLED "GEOCHEMICAL REPORT ON THE LIKELY PROJECT" BY P.W. RICHARDSON, Ph.D., P.Eng., MAY 21 1982.

1:20000

Metres 400 0 400 800 1200 Metres

CAROLIN MINES LIMITED

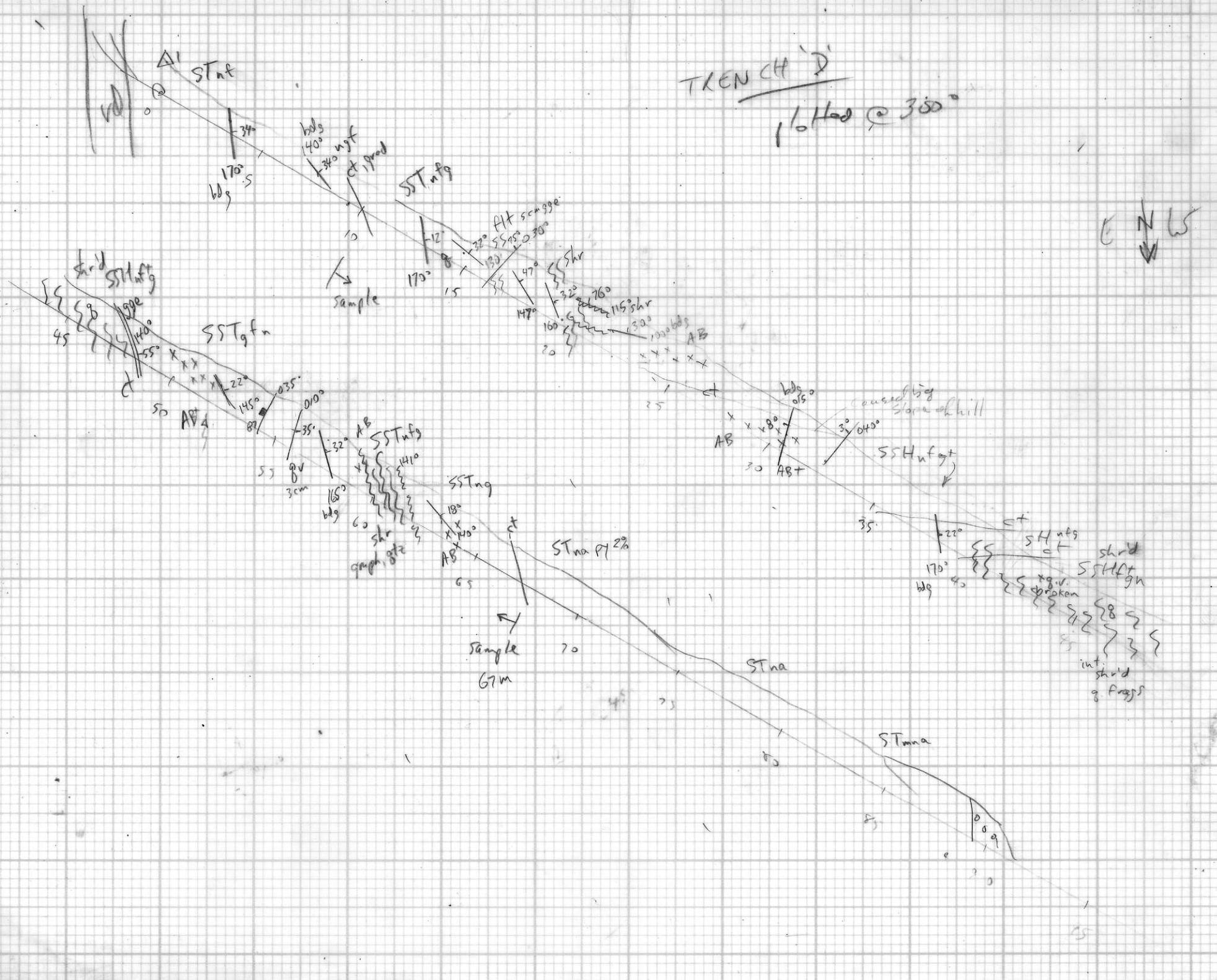
LIKELY PROJECT

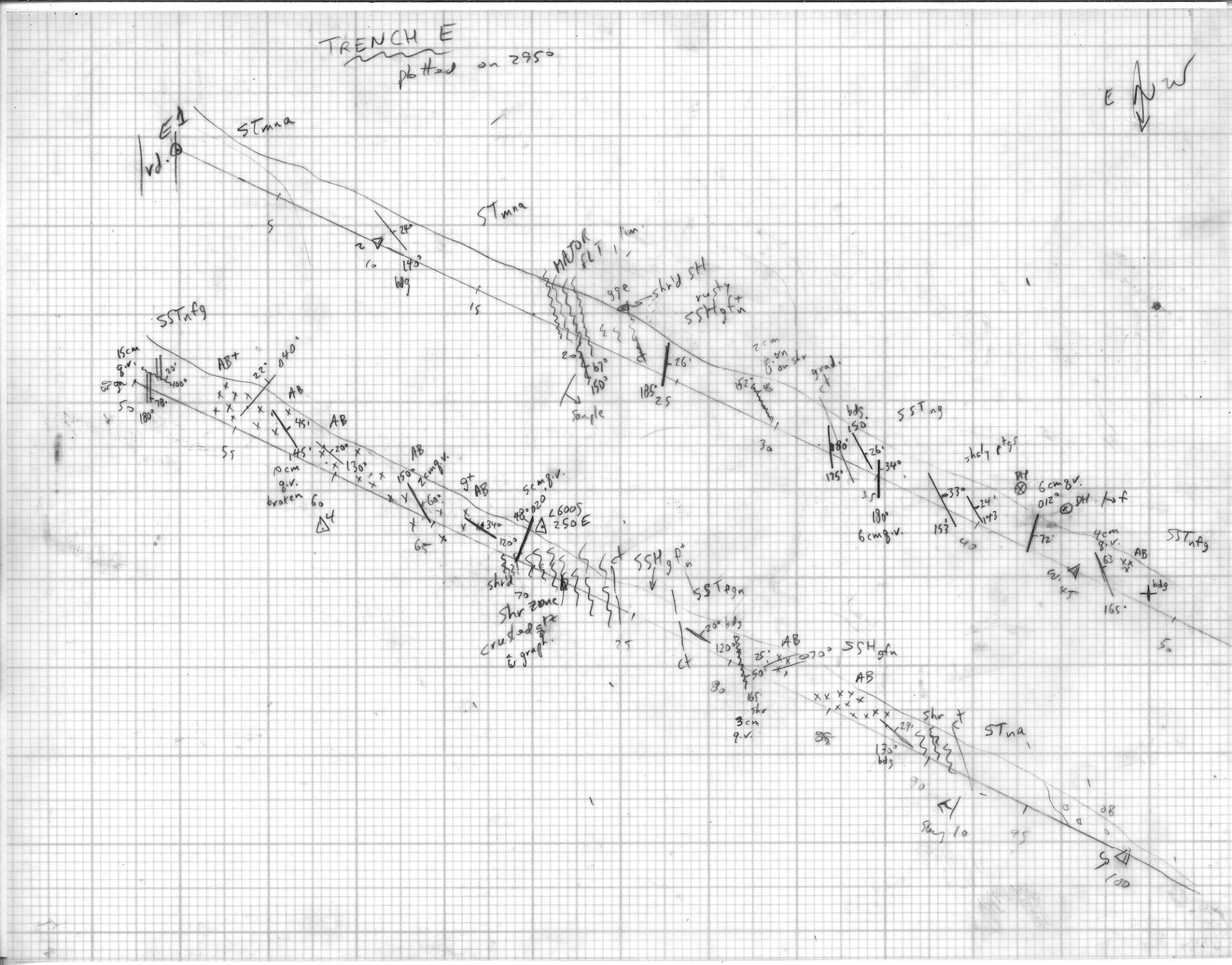
GEOLOGY AND GEOPHYSICS

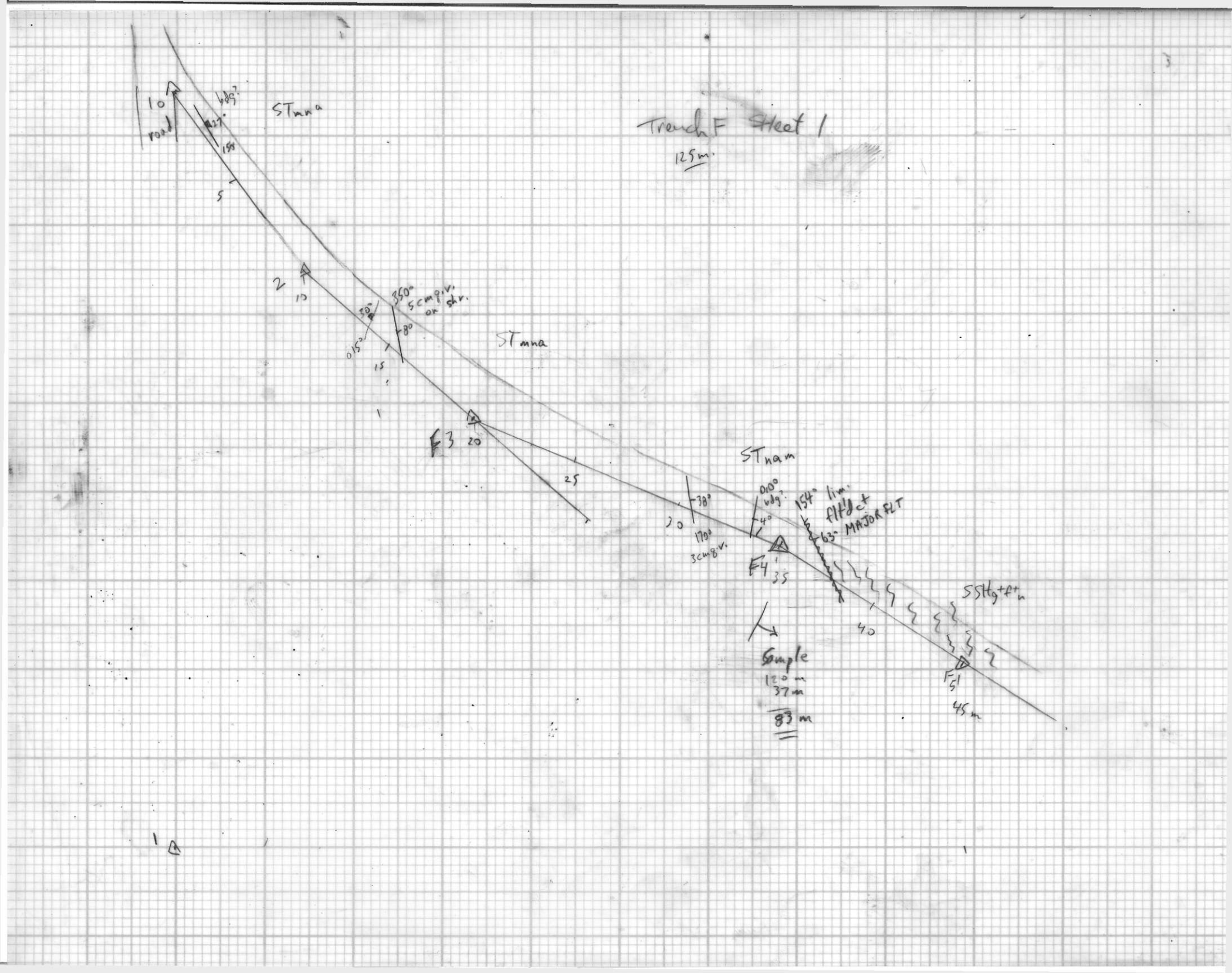
BASE MAP FROM AIR PHOTO MOSAIC

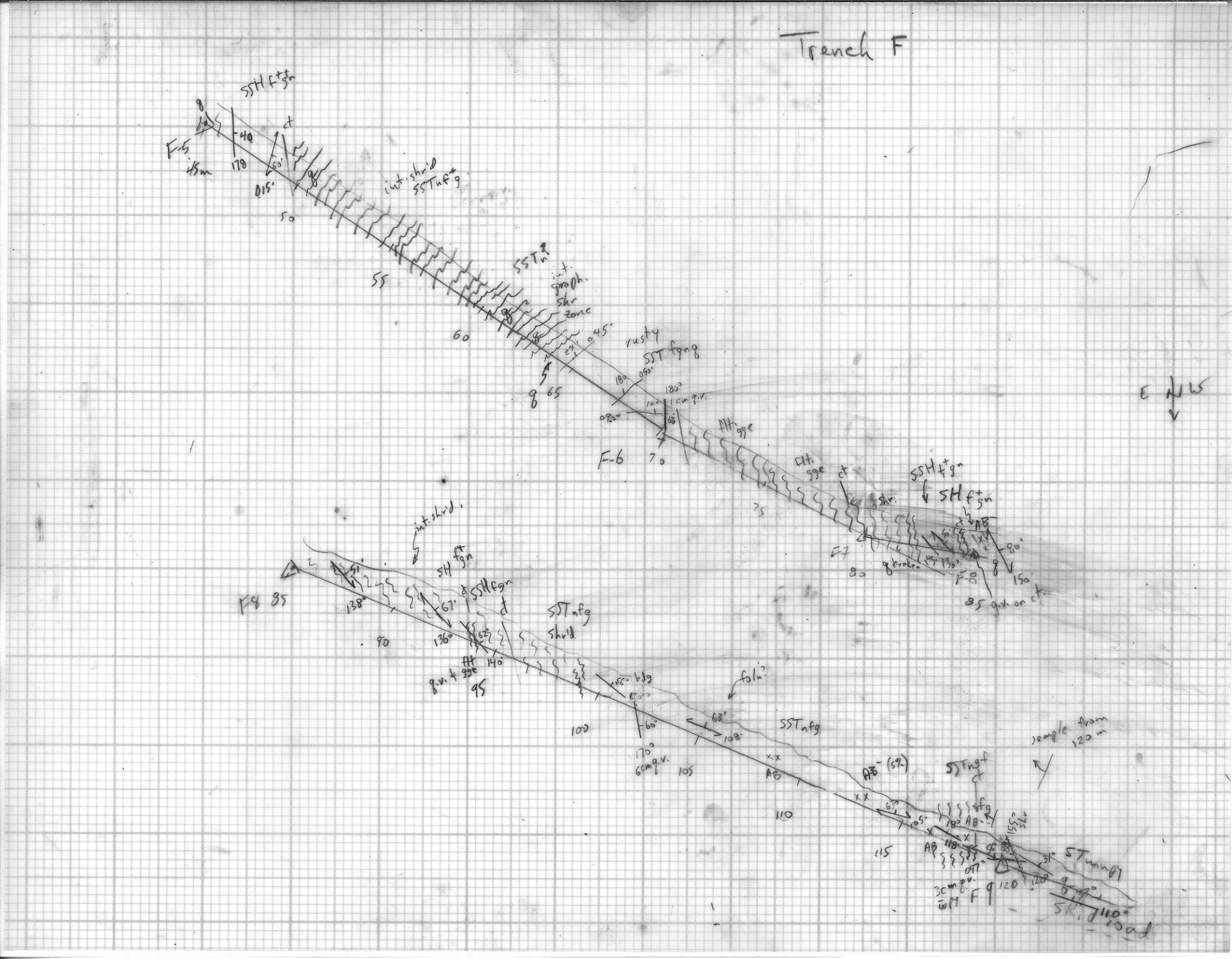
SCALE 1:20,000	NTS 93 A/12E	PROJECT No. C-103-1	
DATE/REVISIONS JULY 1981		DWG BY R.H.	Figure 5

520822

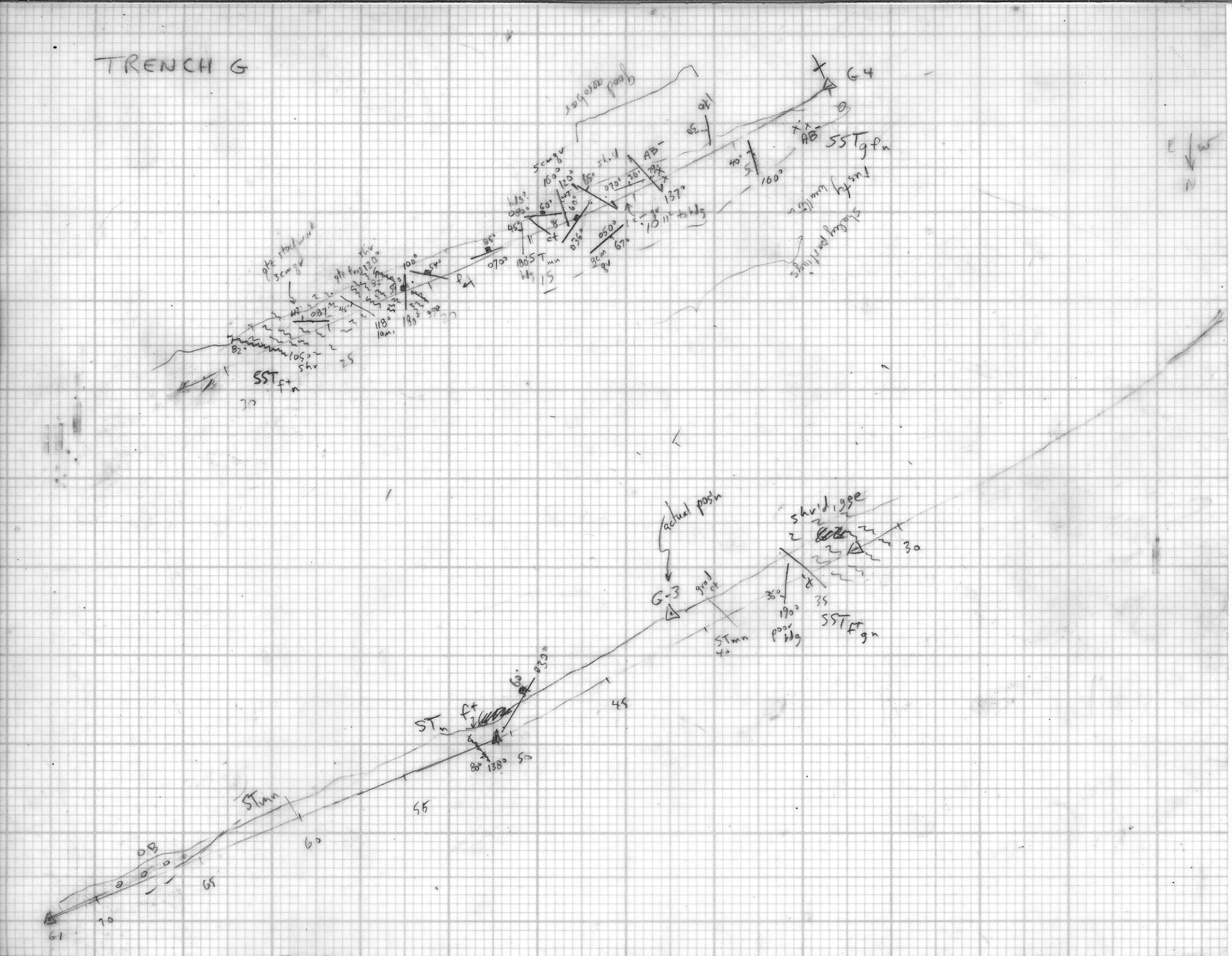

TRENCH 'D'
1.4 Hed @ 350°
STnf
SSTnfg
SSTgfn
SSTnfg
SSTnfg
SSTnfg

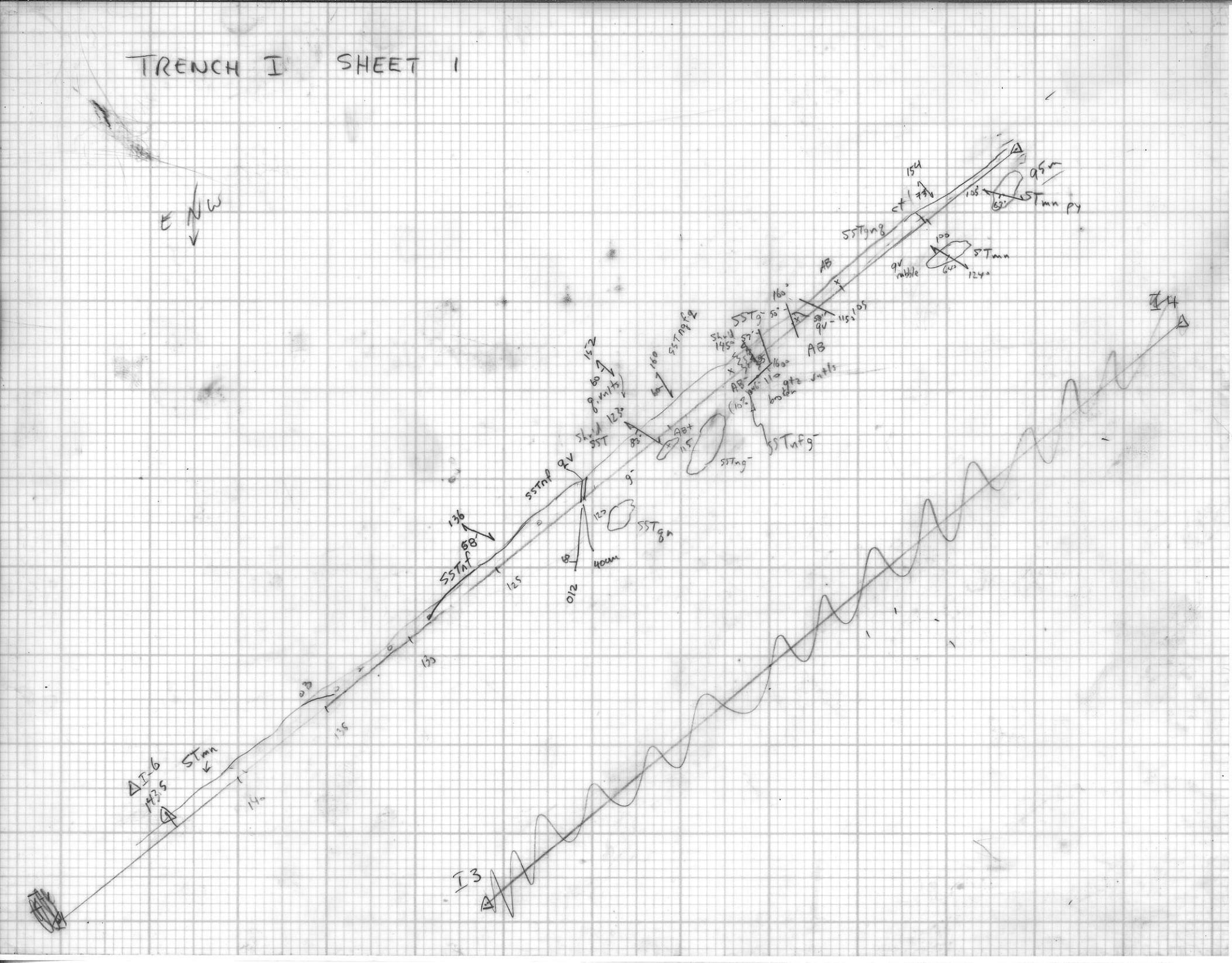

TRENCH E
pb Head on 295°
E
W
E 1
rd.
STmna
STmna
MINOR FLT
gge
shr'd SH
rusty SSHgfn
SSTnfg
AB
AB
AB
AB
AB
AB
AB
AB
Sample
SSTng
SSTngn
SSHgfn
SSHgfn
SSTnfg
STna
shr zone
crushed qtz
& graph.
shr'd
broken
shr
bdg
gt
ct
f
Stony lo

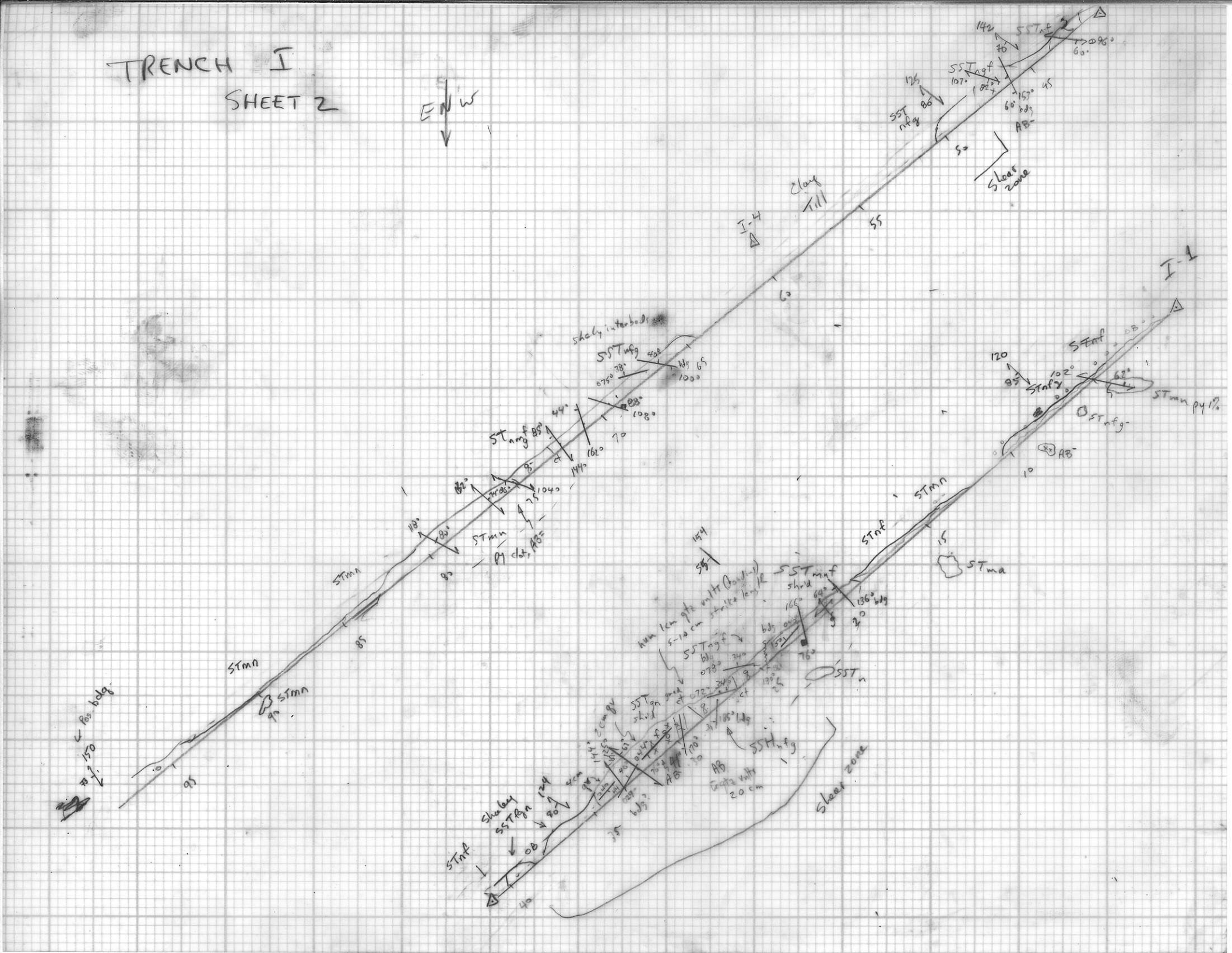

Trench F Sheet 1
125m.
10
road
bdg?
STmnna
15
5
2
10
350°
5cm qtz.
on str.
50°
80°
015°
15
1
STmna
F3
20
25
STnam
010°
bdg?
4°
154°
lim.
flt'd ct
65° MAJOR FLT
38°
20
170°
3cm qtz.
F4
35
40
SStHg+ft'n
Sample
120 m
37m
83 m
F5
45m
1

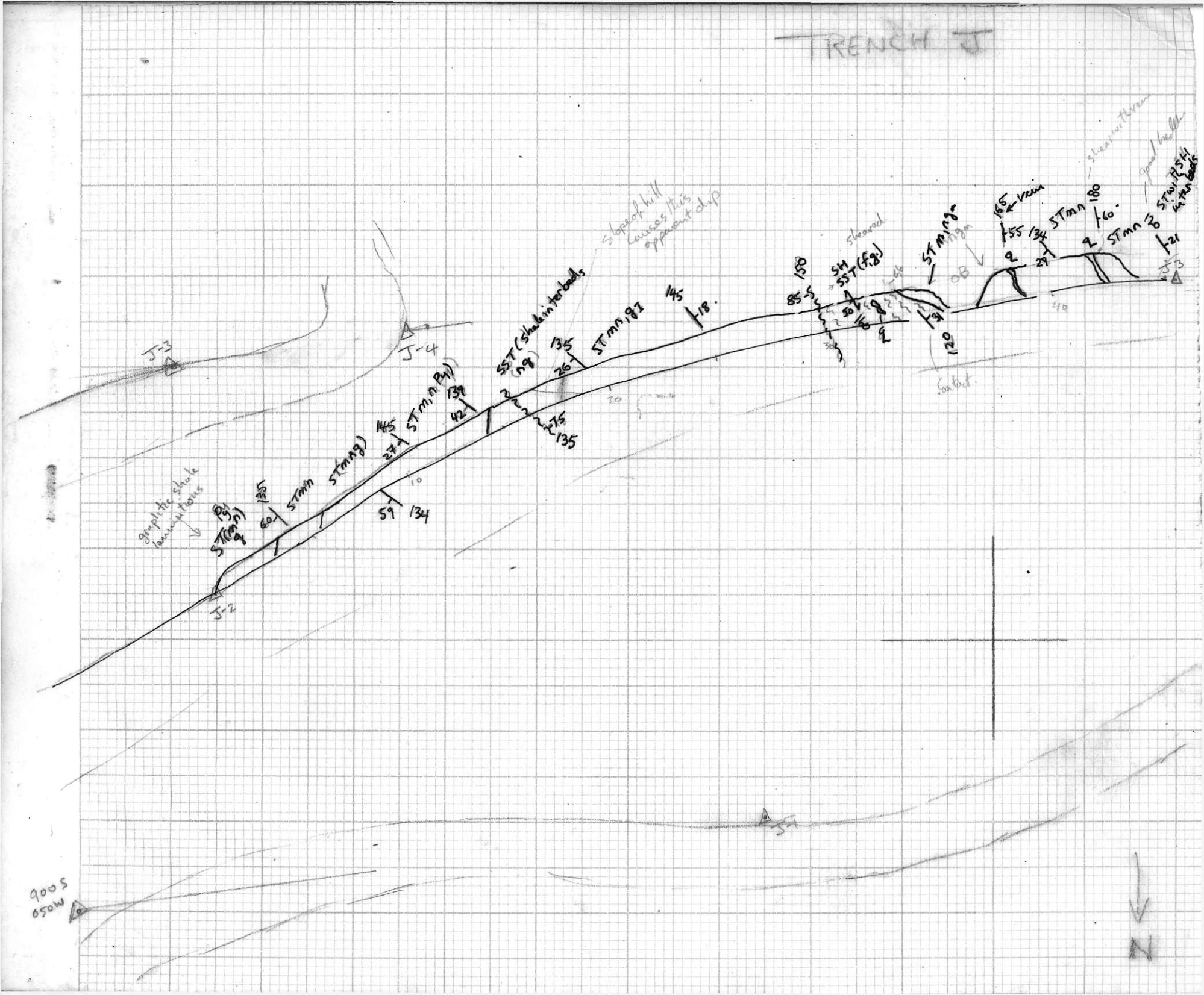

Trench F
SSH ft+gn
int. shrd SSTnft+g
SSTn?
int. graph. shr zone
rusty SSTfgng
Alt. gge
F-6
F-7
F-8
SSHft+gn
SHft+gn
int. shrd.
SHftgn
SSHfgn
SSTnfg
shrd
fgg
fgln?
SSTnfg
AB
SSTngf
vfg
SSTnnfgl
sample from 120 m
F 9
Trench F

TRENCH G


G4
G-3
G1
SST
ST
AB
actual posn
shrid, ggge
poor bldg
good outcrop
gradual
pale stained
pale fissile
3cm gv
5cm gv
8cm gv
sharp
lens ft
shadowy patches
N
E

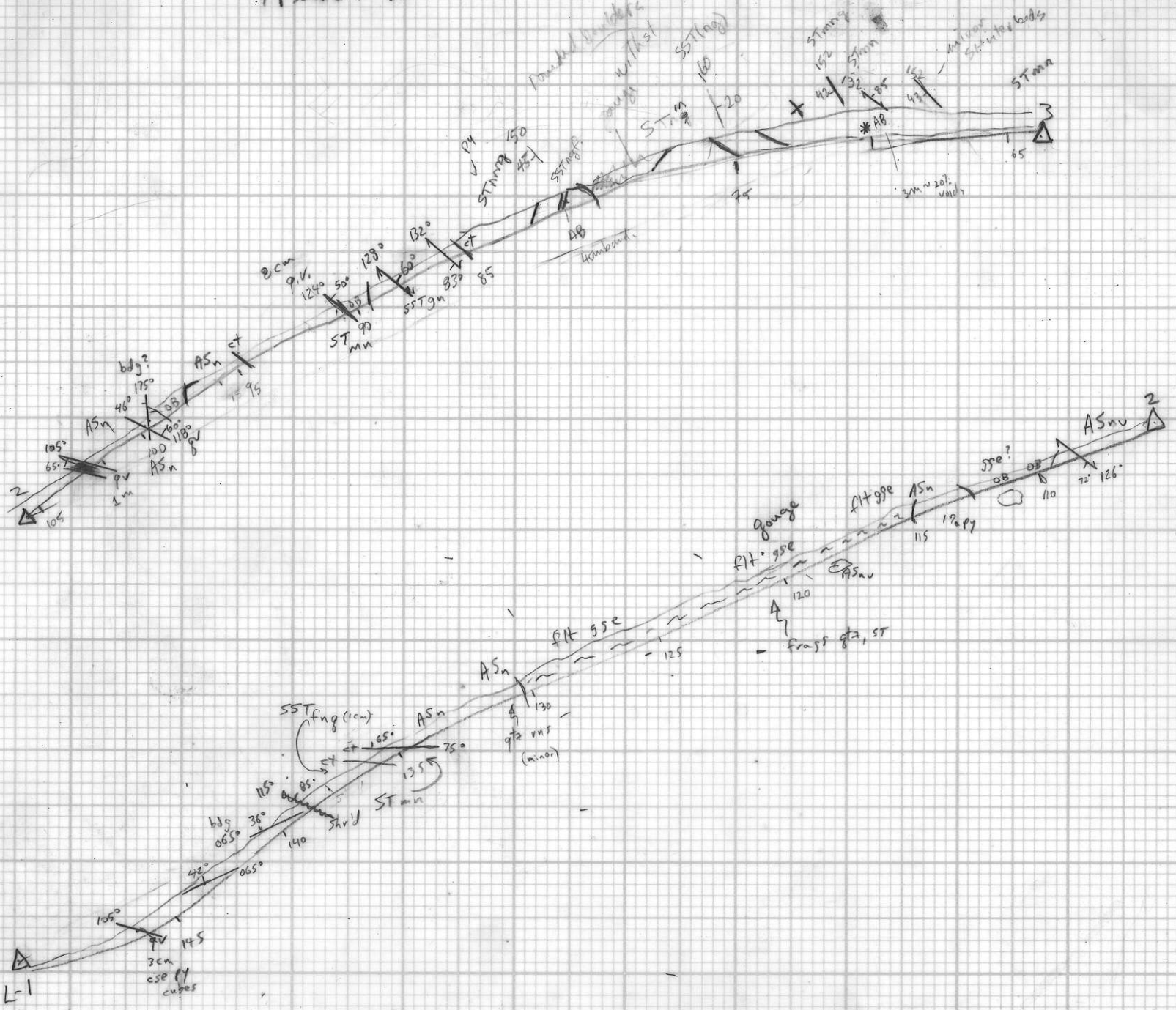

TRENCH I SHEET 1
E NW
I-6
I-5
I-4
I-3
SSTnf
SSTnfg
SSTg
SSTnfg
SSTmg
SSTgn
SSTgm
SSTmn
SSTmn
qv rubble
qv
AB
AB
AB
Sh'd
Sh'd
40cm
012
125
135
145
154
160
160
124
105
105
115
120
136
140
145
148
154
160
160
165
168
170
180


TRENCH I
SHEET 2
E
N
W
I-4
I-1
Clay Till
Shear zone
AB
STmn
STnf
STma
SSTmnf
SSTmgf
SSTmfg
SSTgn
SSHmfg
Pos. bdg.
Shaley interbeds
Fault
Bedding

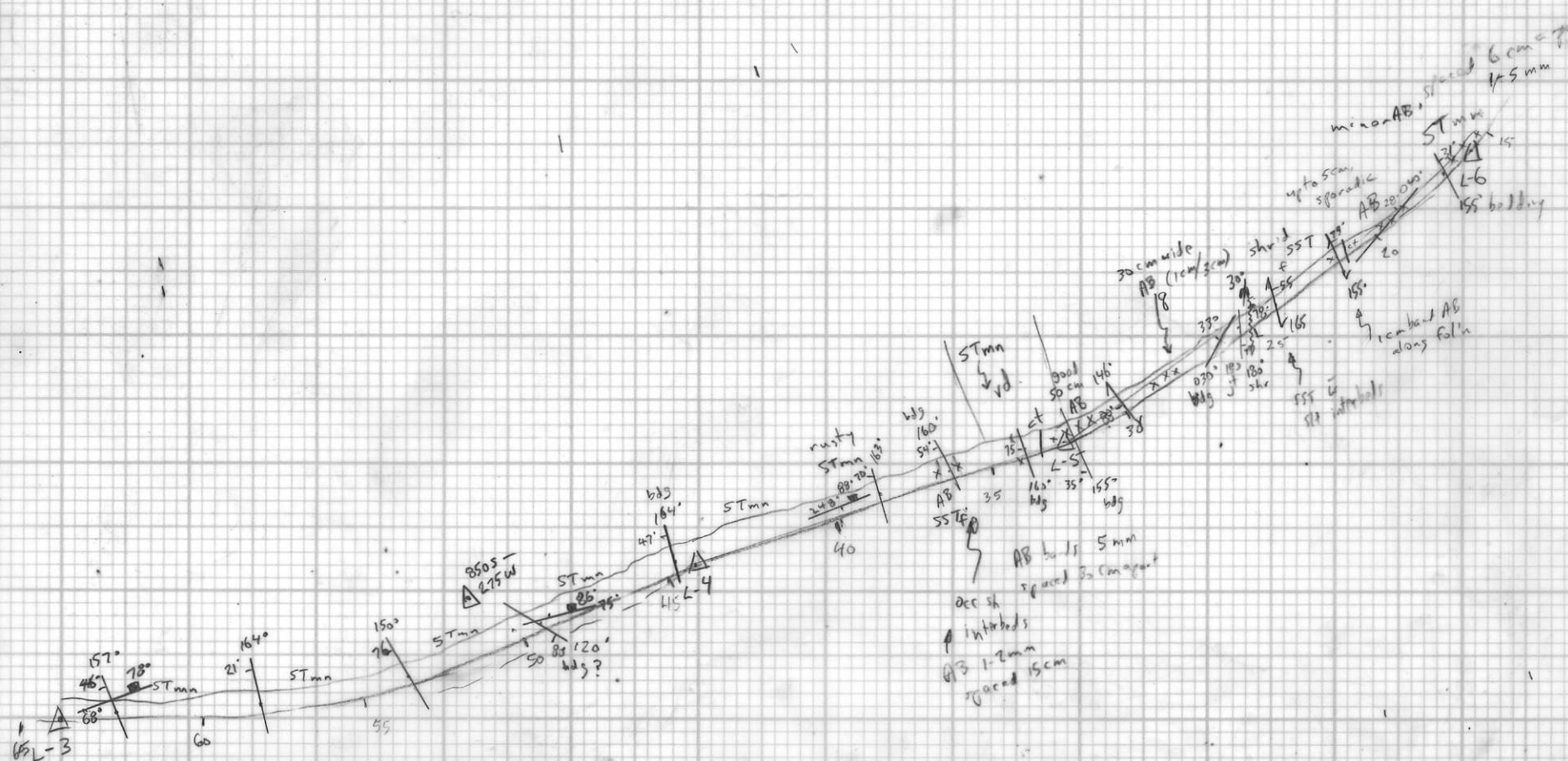

TRENCH J
J-3
J-4
J-2
J-1
J-3
SST (shale interbeds)
STmn, Bd
STmn
STmn (Bd)
SST (fg)
SH SST (fg)
sheared
OB
fanbed
slope of hill causes this apparent dip
graphitic shale laminations
steam vent
good bedding
900S
050W
N

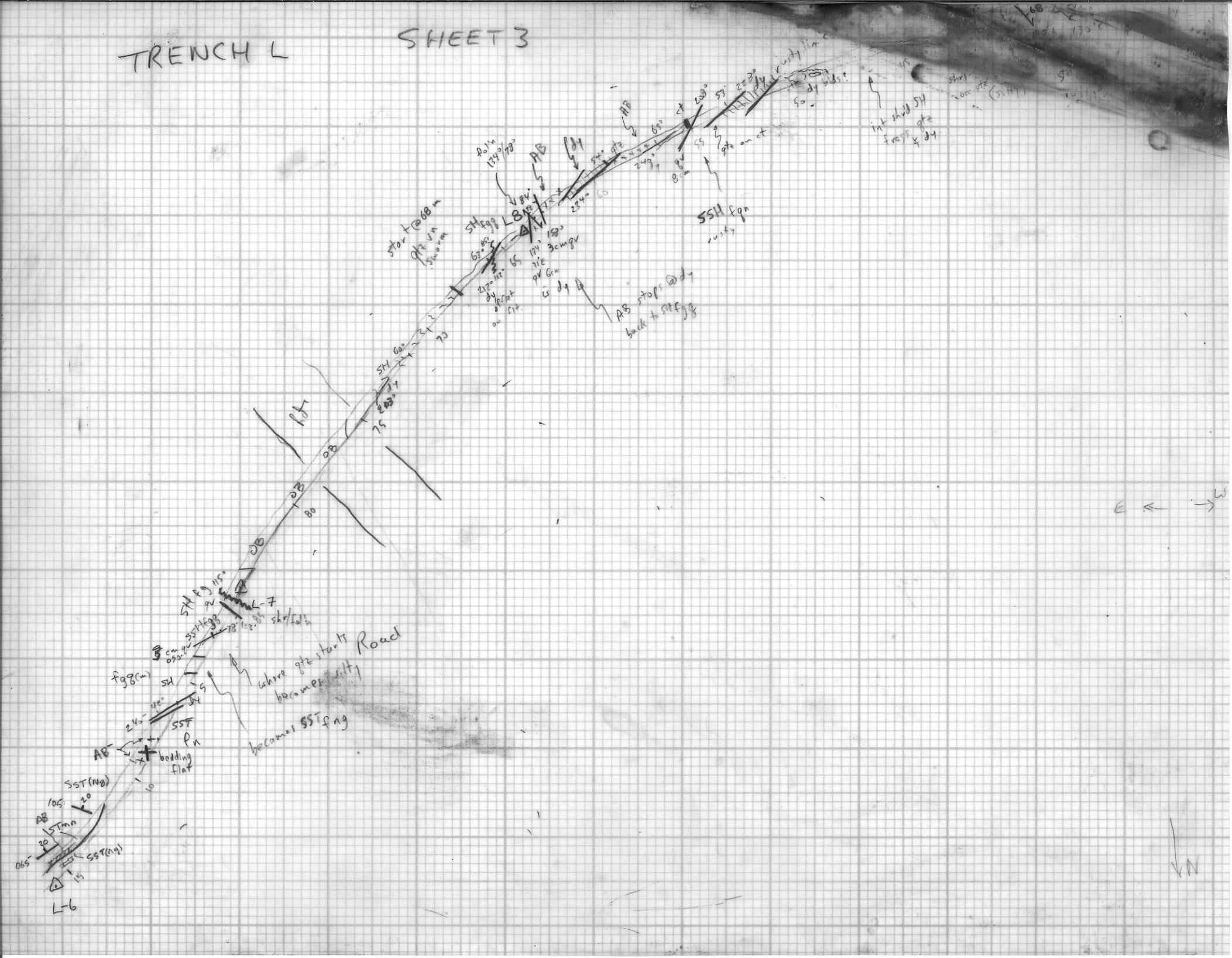
Trench L

SHEET #1



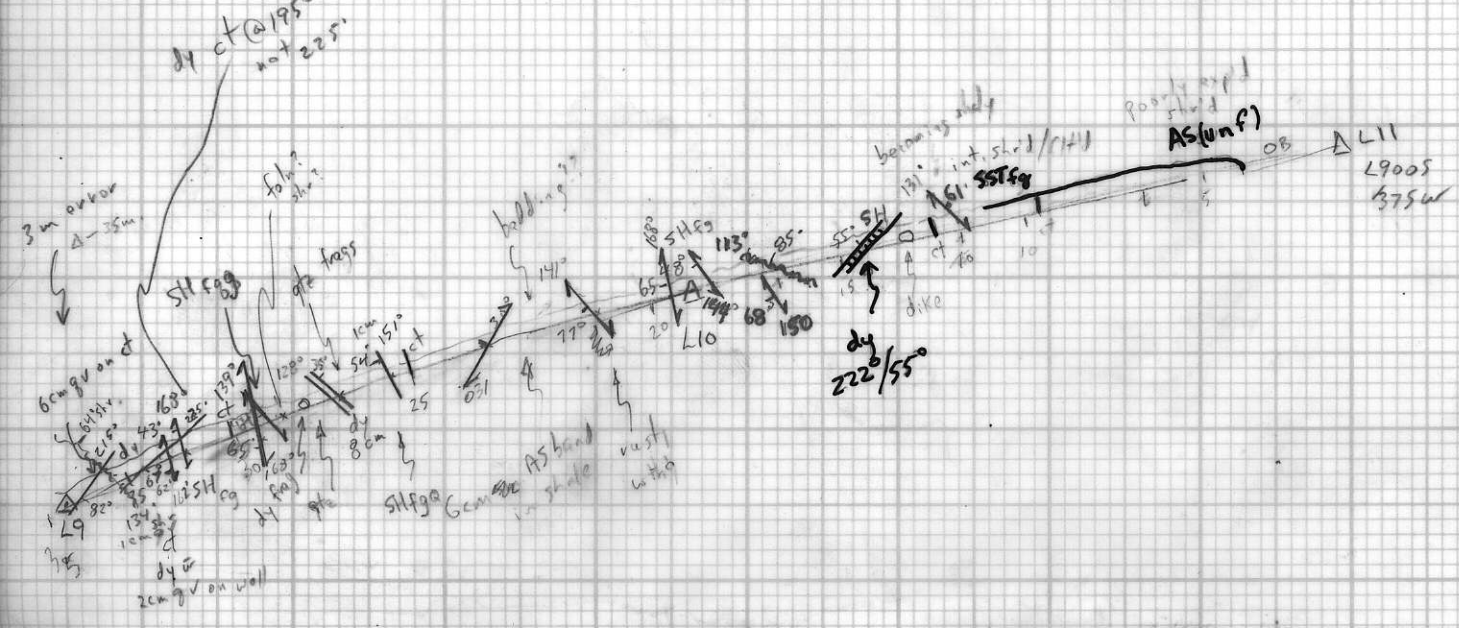
TRENCH L SHEET 2

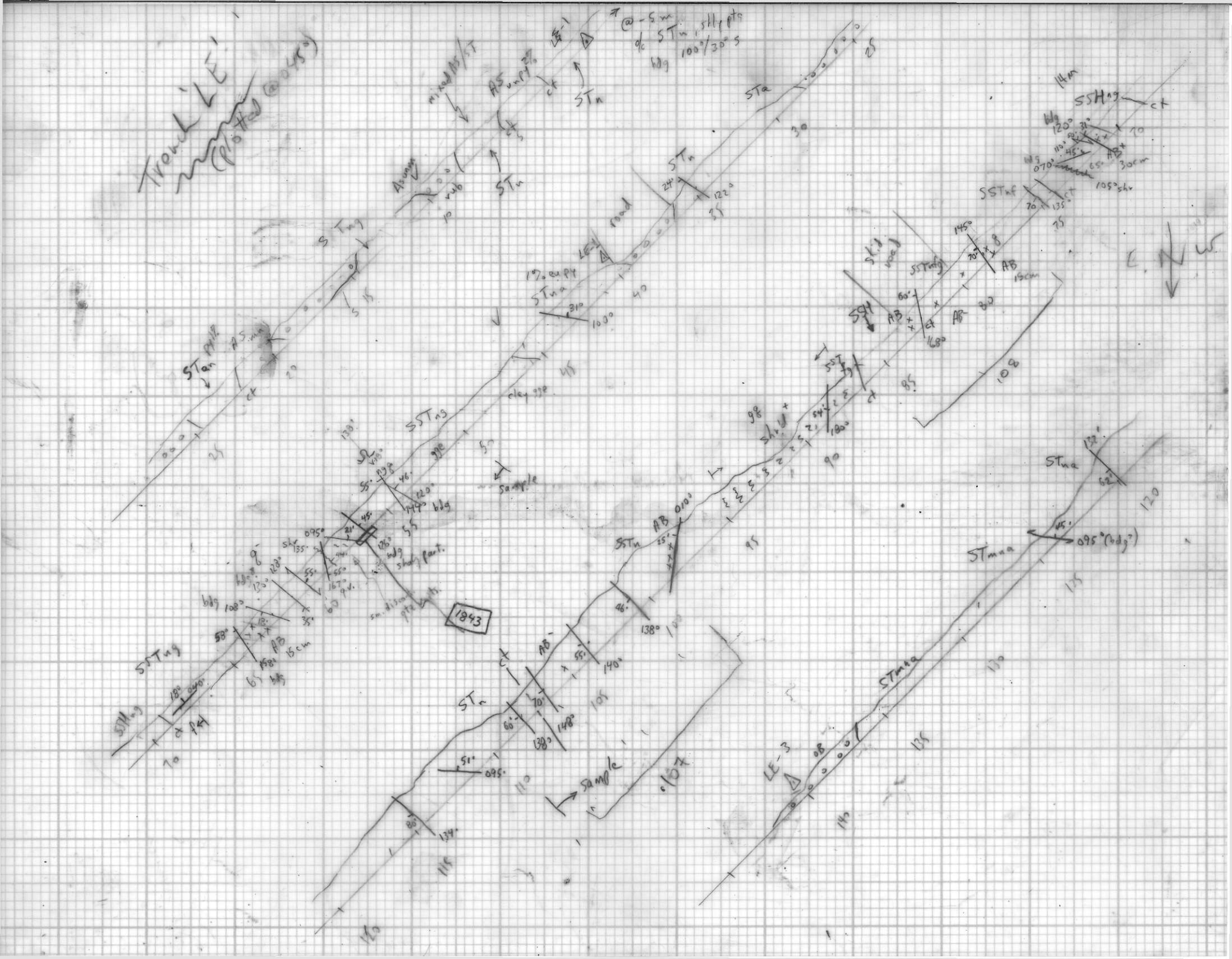



TRENCH L
SHEET 3
L-6
L-7
L8
AB
SH
SST
SSH fgn
int shrd SH
where gte start Road
becomes SST fng
bedding
flat
AB stops @ dy
back to SH fgg
start @ 68 m
gte vn
Sw vein
N
E
W

TRENCH #L

SHEET 4

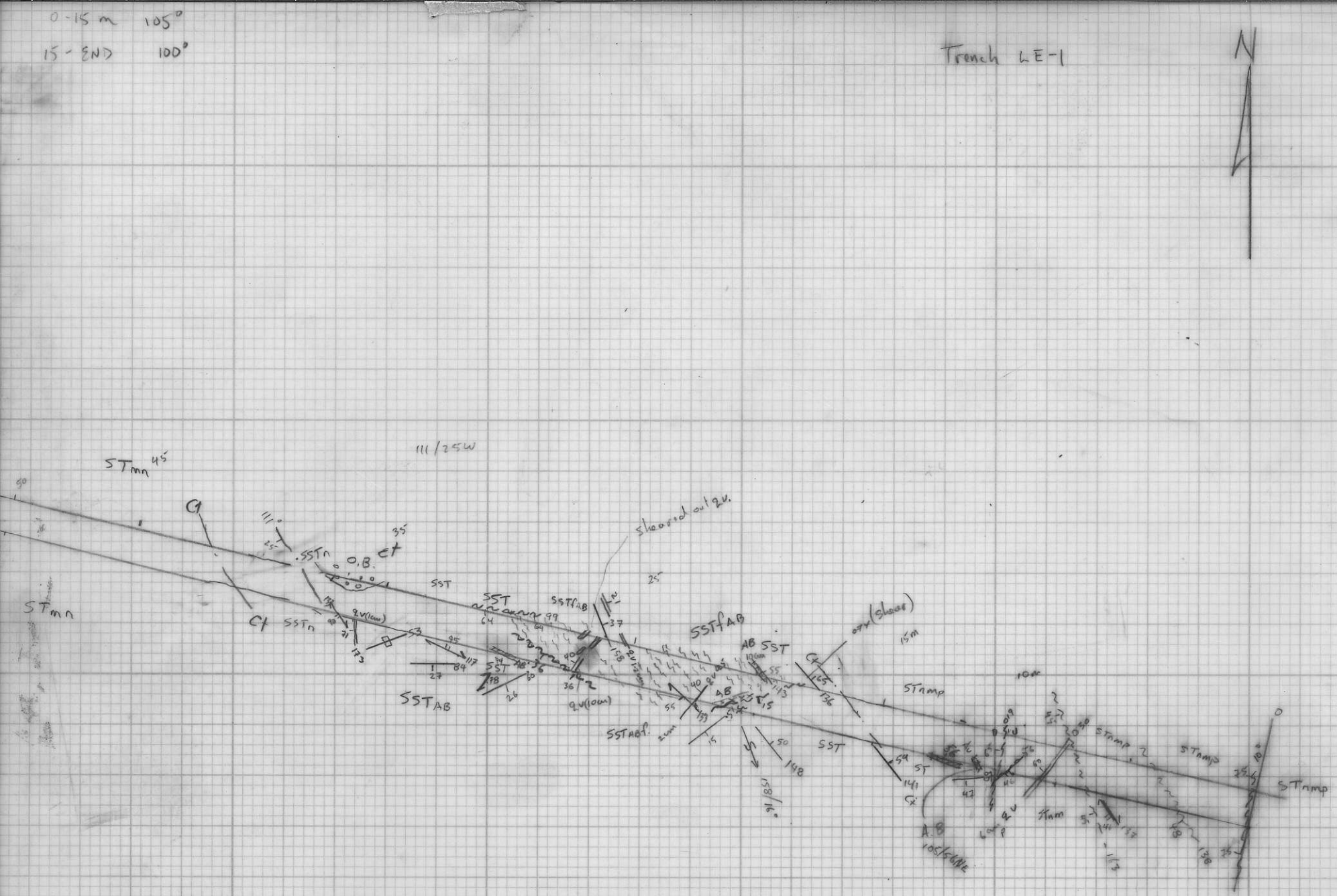


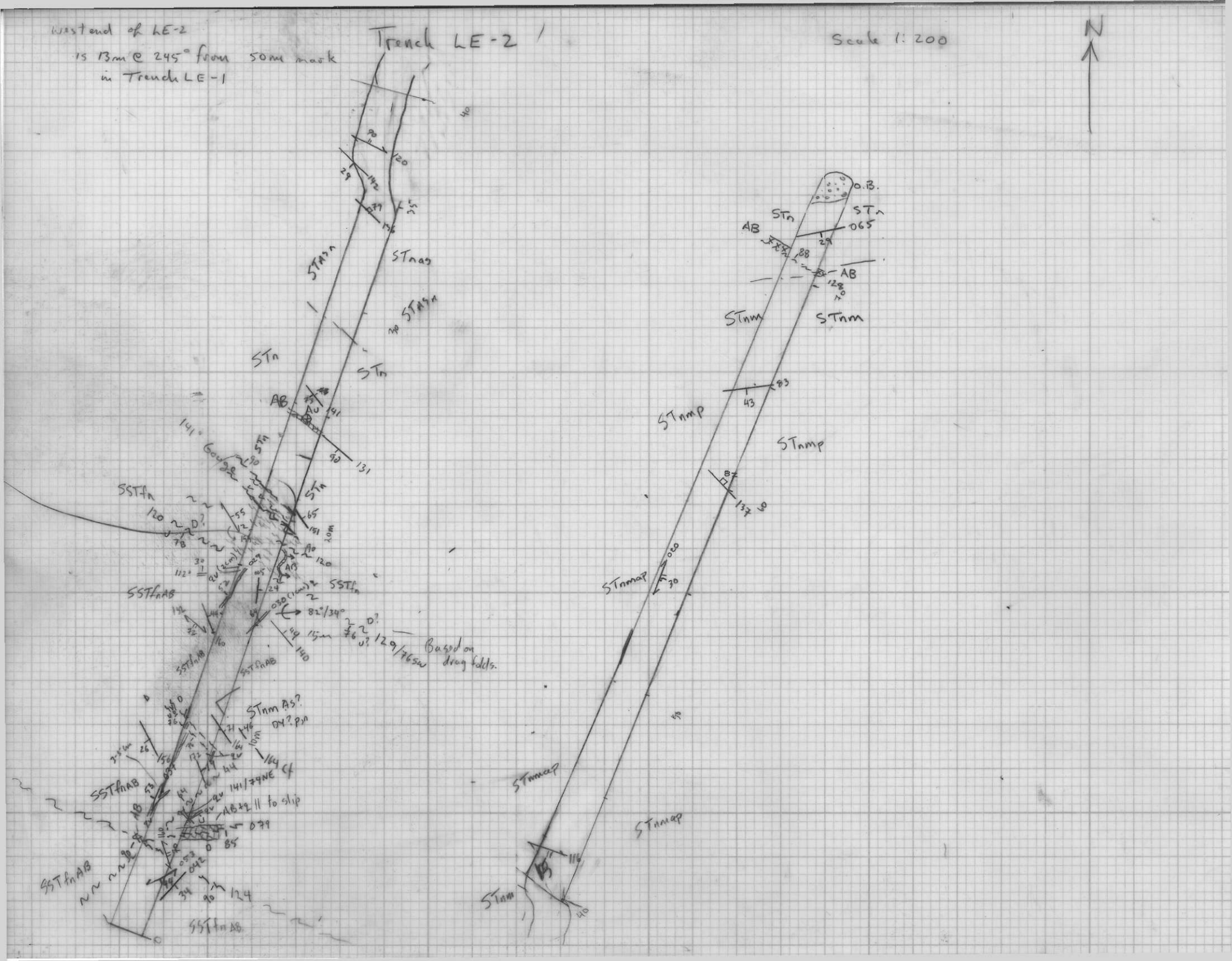

Trowell LE
(Plotted @ 0.4 km)
LE-1
LE-2
LE-3
@ ~5 km
d/c STm, silty pts
100°/30°S
mixed MS/ST
MS very fine
Asymm
STn
STa
STm
SSTmg
SSTmf
SSTm3
STma
STmga
SSHmg
AB
ripples
ripple marks
clay drape
Sample
1843
bdg
ch
ft
sh
gb
gd
sm. displ. gtz
shelly part.
1.0m sy Py
14m
105° sh

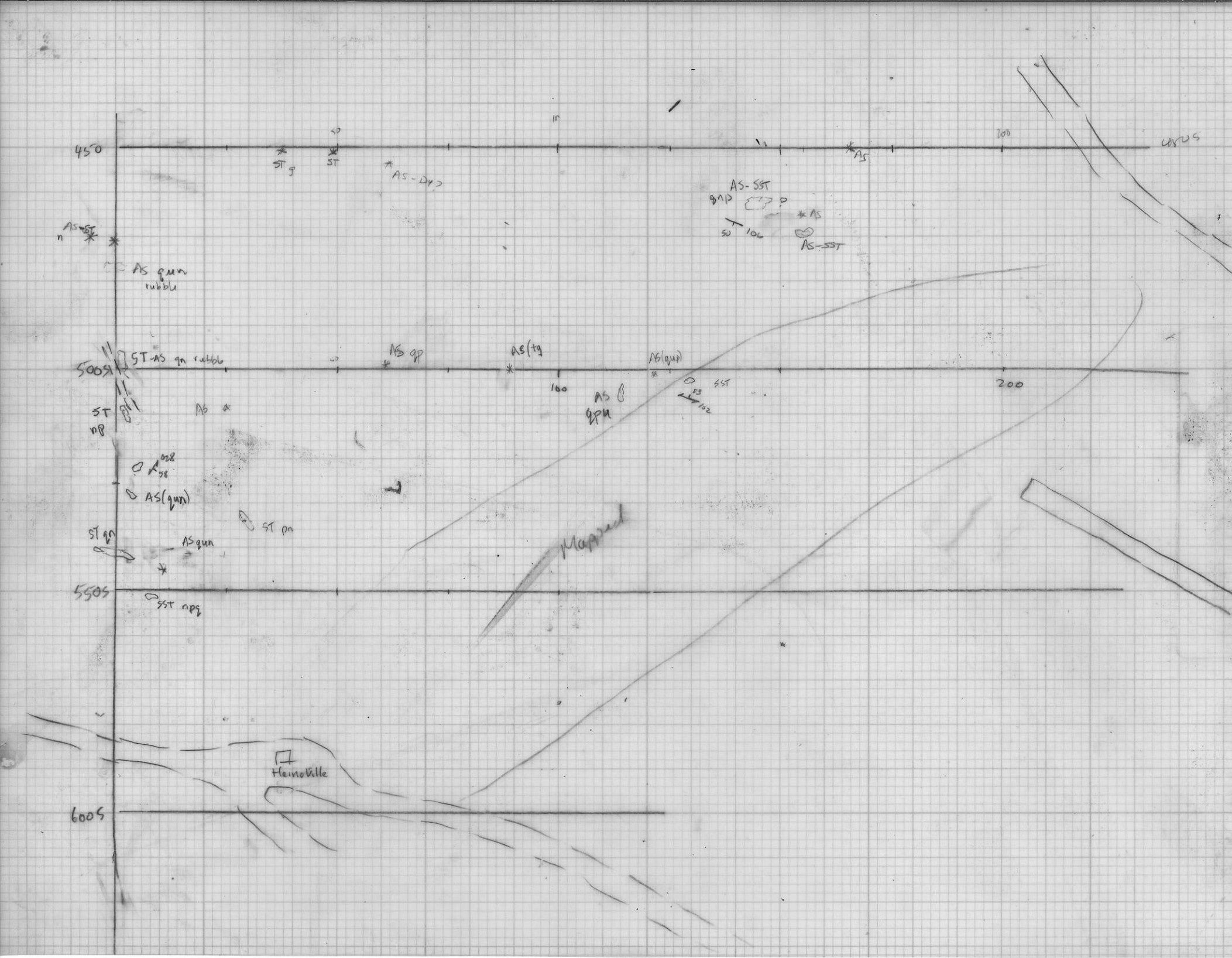
0 - 15 m 105°

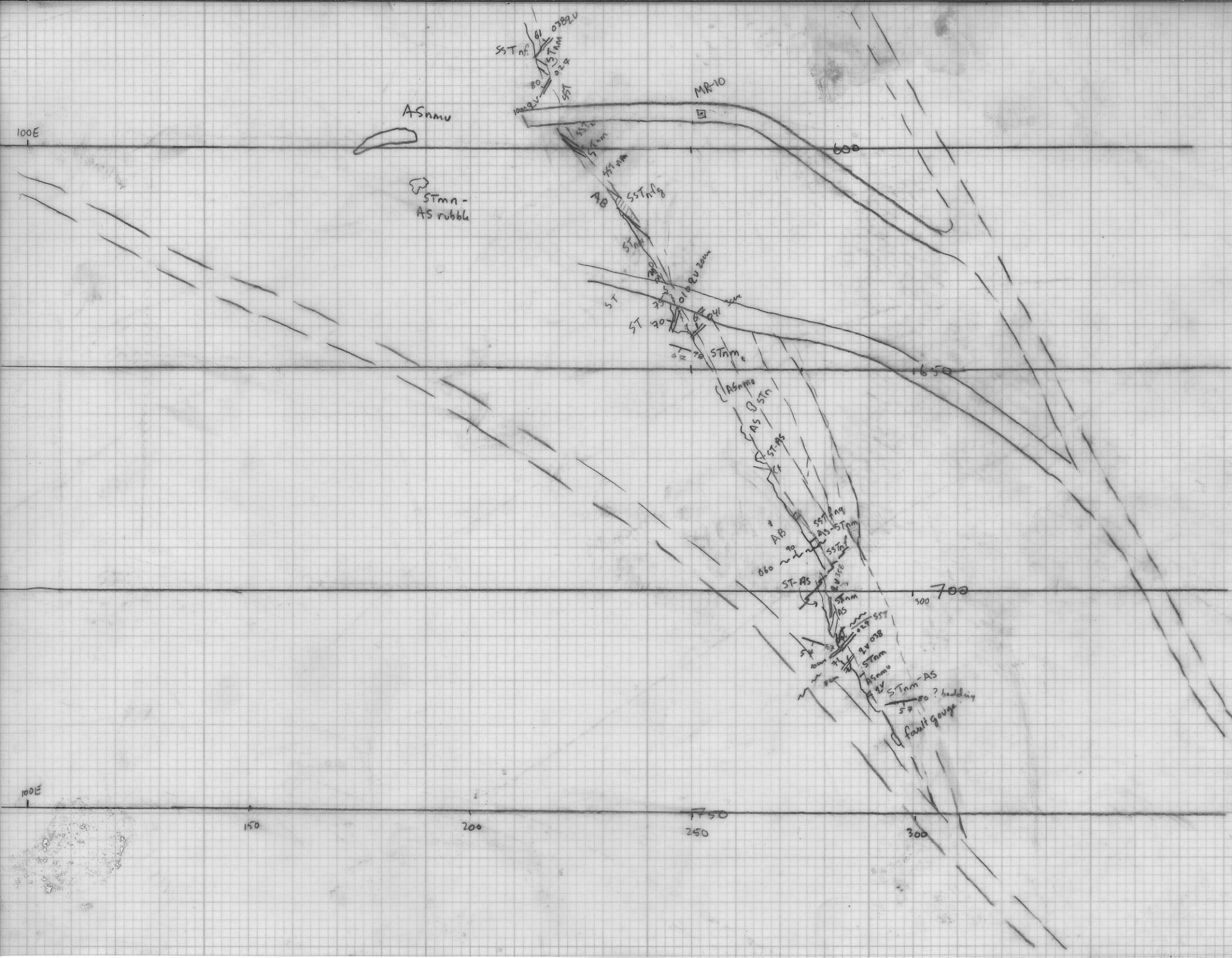
15 - END 100°

Trench LE-1

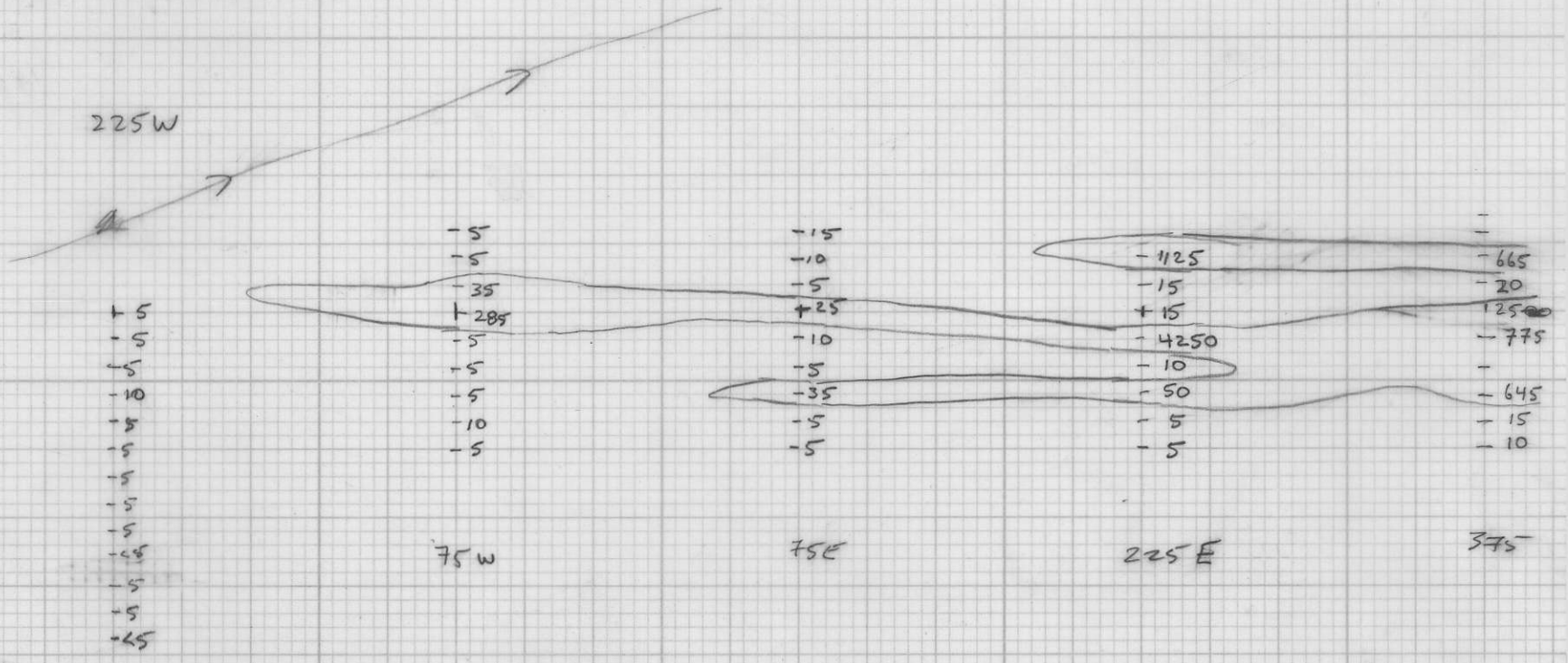


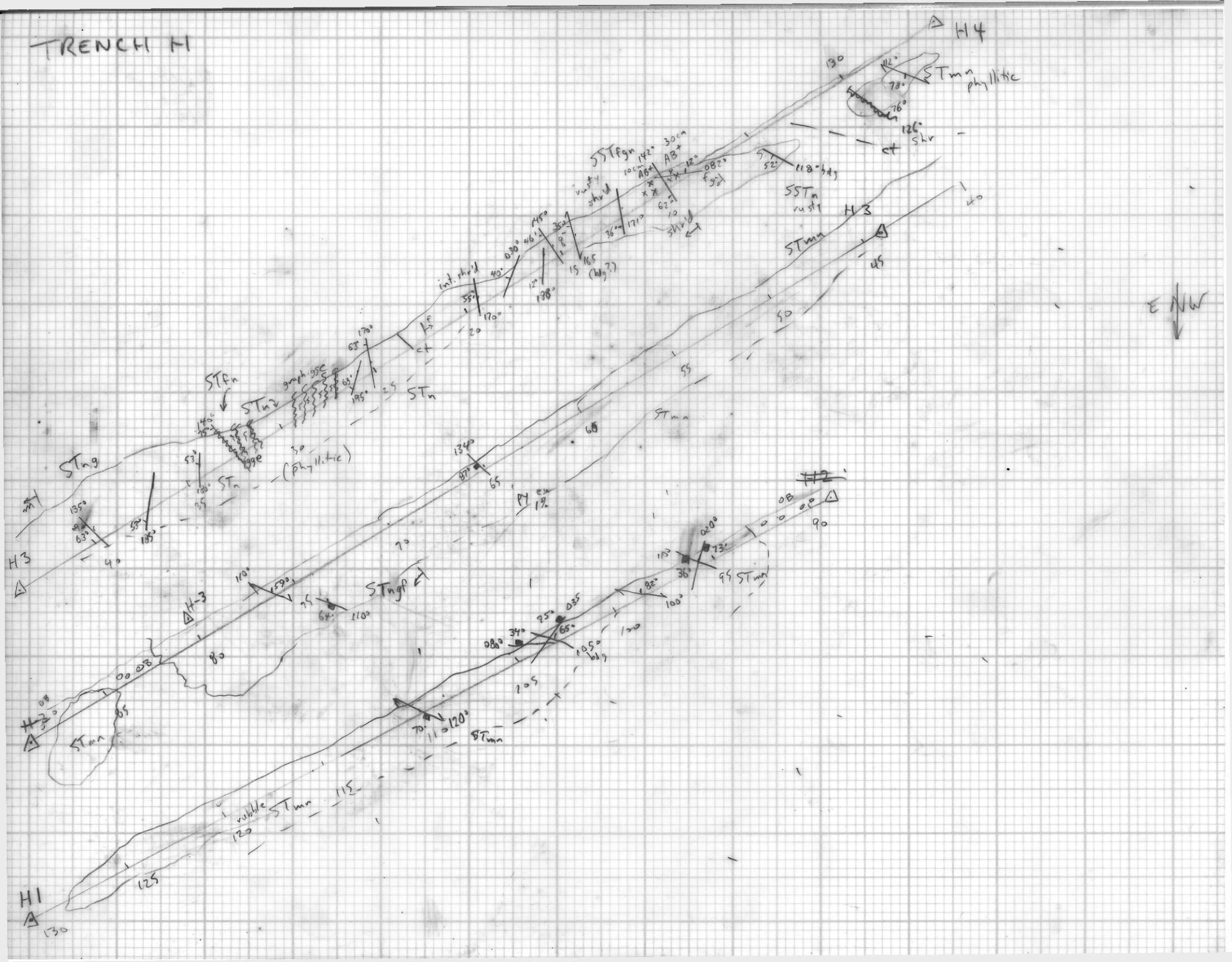

West end of LE-2
is 13m @ 245° from 50m mark
in Trench LE-1
Trench LE-2
Scale 1: 200
N
O.B.
STn
AB
065
STnm
STnmp
STnmaP
STnmaP
STnm
STnmaP
STnaS
STnaS
STn
STn
AB
141
141° Gouge
SSTfn
120
D?
SSTfnAB
082°/34°
15m
129/76SW
Based on drag folds.
STnm AS?
DY? P.n
SSTfnAB
141/79NE
AB ⊥ to slip
079
085
SSTfnAB
124
SSTfnAB


450
500S
550S
600S
ST g
ST
AS-Dyk
AS
AS-SST
qnp
AS
AS-SST
AS qun
rubble
ST-AS qn rubble
AS qp
AS(tq
AS(qup)
100
200
AS
qpu
SST
ST
np
AS(qun)
ST pn
ST qn
ASqun
SST npq
Mapped
Hainoville


100E
600
650
700
750
100E
150
200
250
300
MR-10
ASnmu
STmn-AS rubble
SSTnfg
STnm
AB
ST
ST-AS
ASnmu
STn
AS
SSTfng
AS-STnm
060
STnm
AS
STnm
ASnmu
STnm-AS
? bedding
fault gouge

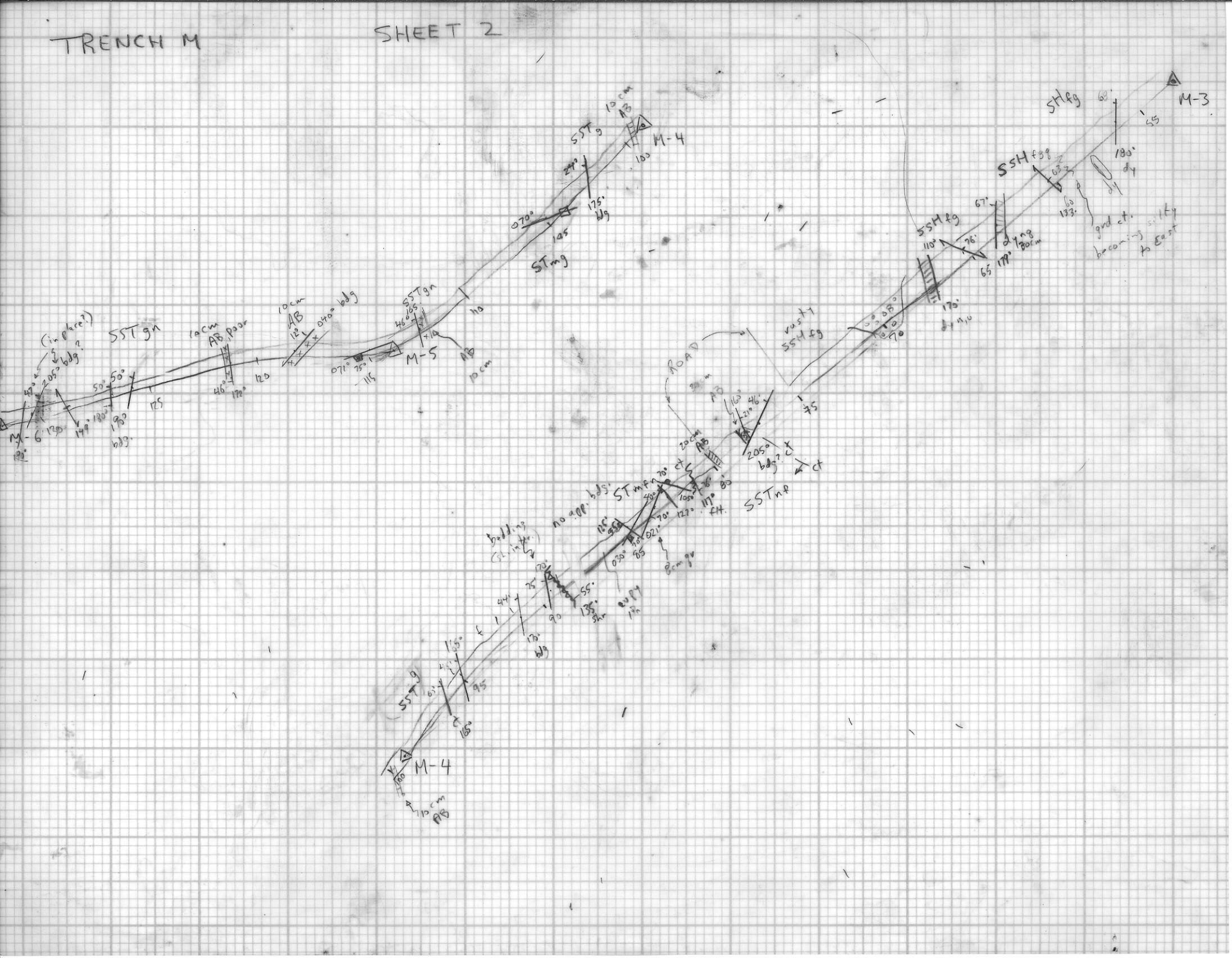
CARMI
Soil Results
Au PPB




TRENCH H1
H4
H3
H2
H1
STmn phyllitic
SSTfgn
SSTn rusty
STmn
STn
STn2
STfn
STng
STngf
STmn
(phyllitic)
graphitic
rubble STmn
ct
shr
int. thrd
rusty
fgd
bldg
E
W

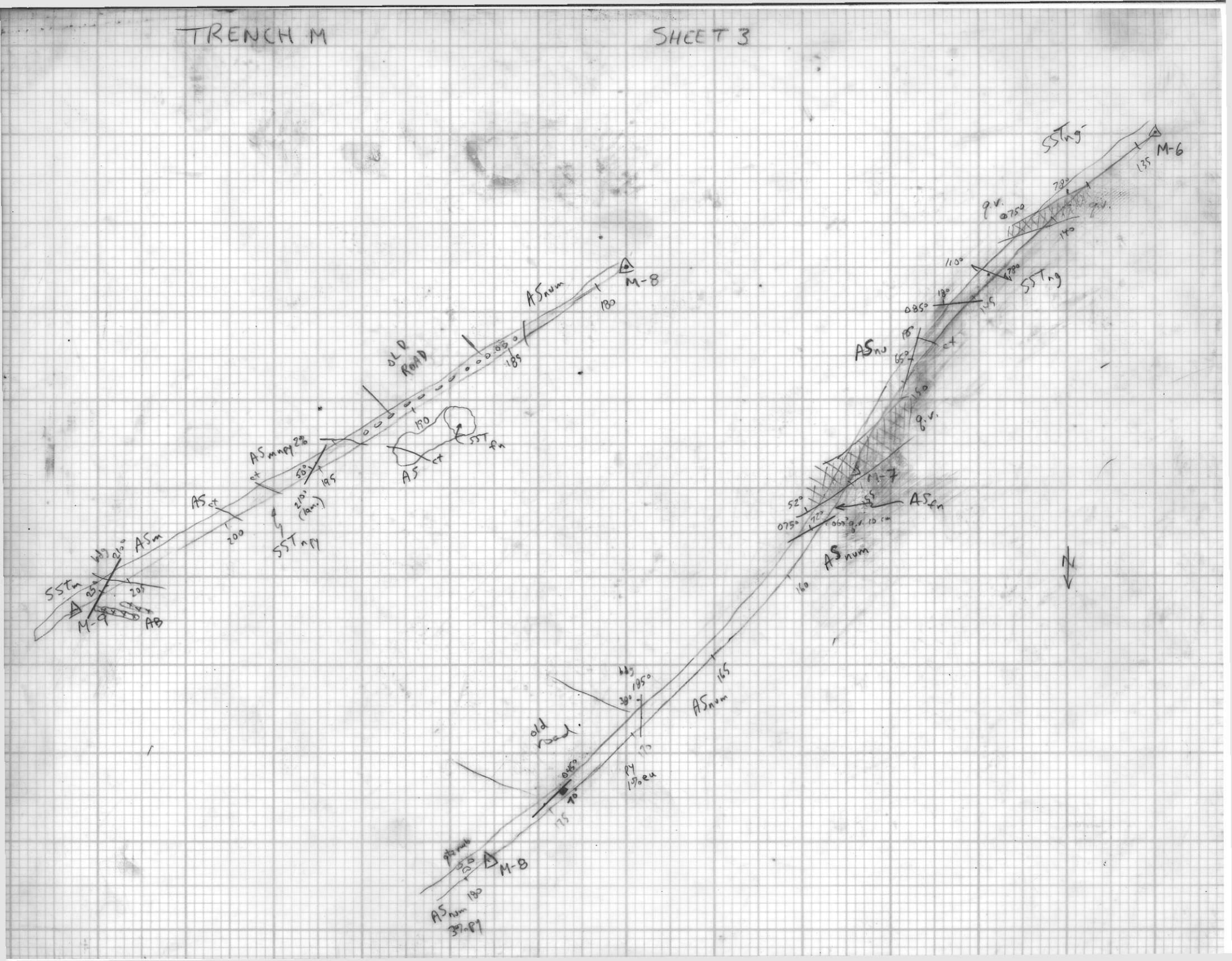
TRENCH M

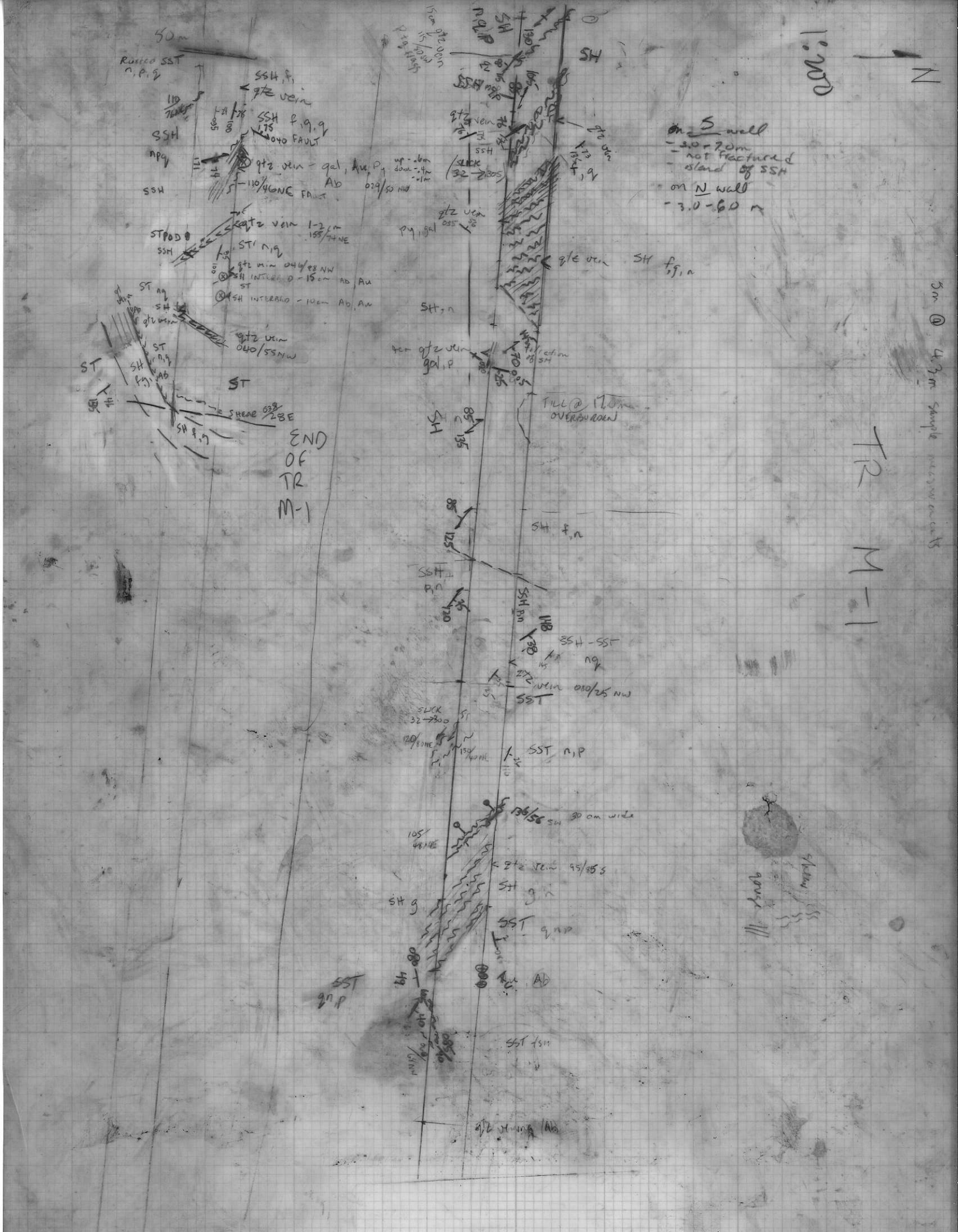
SHEET 2

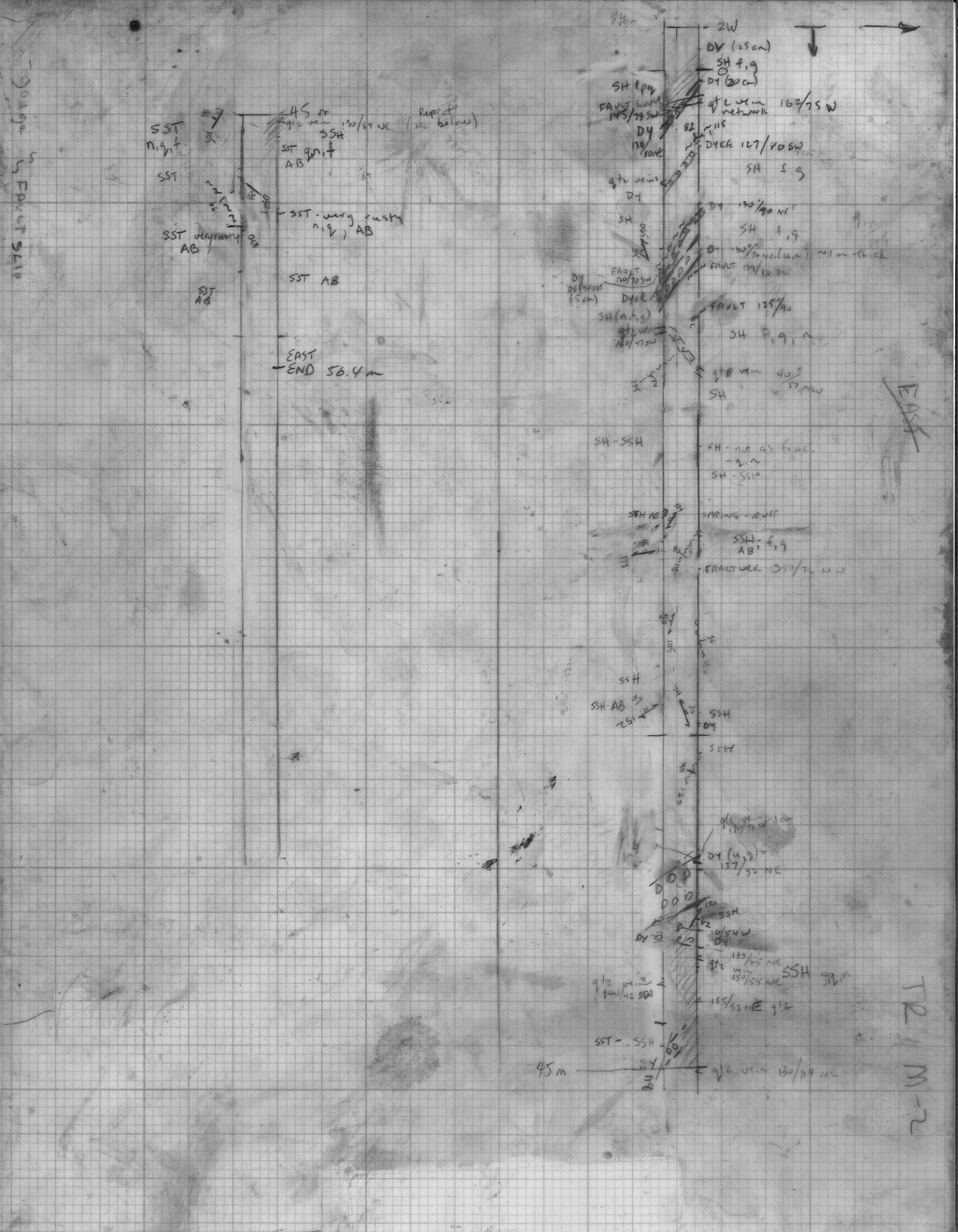


TRENCH M

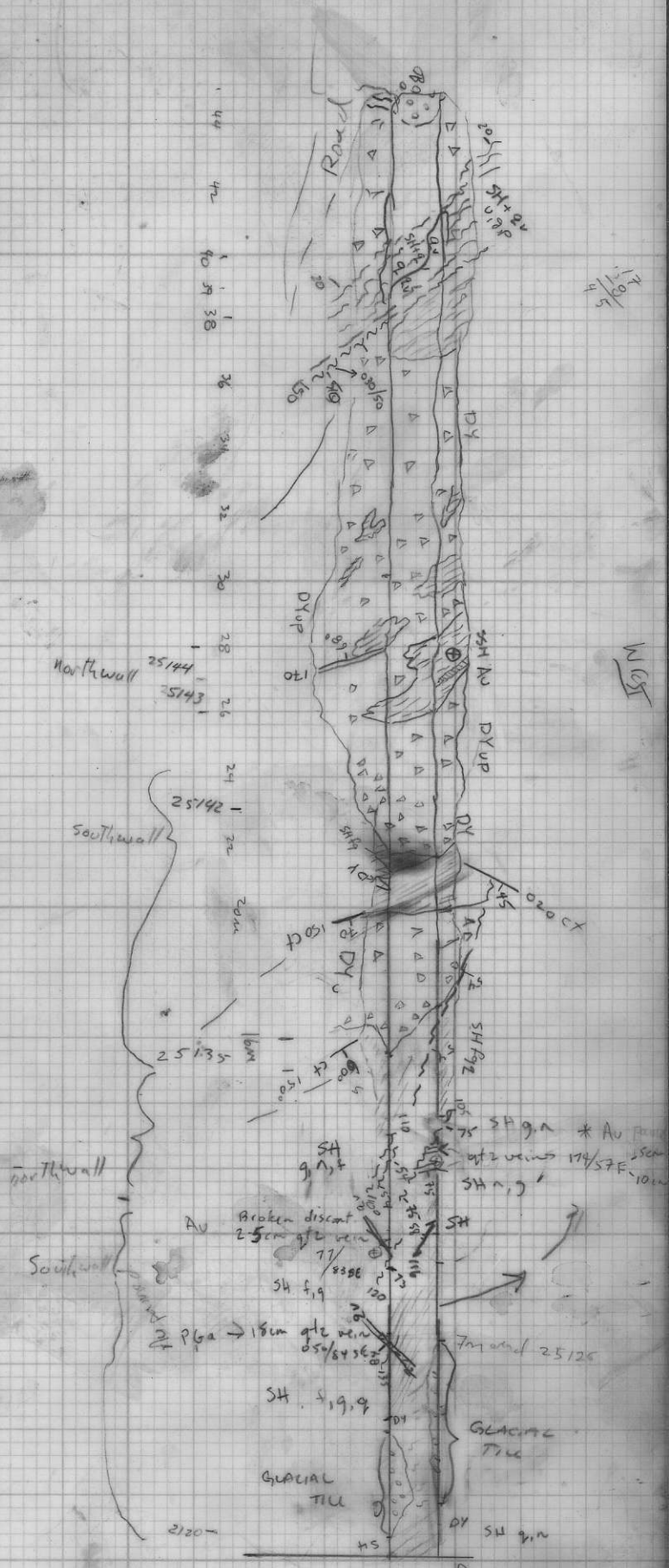
SHEET 3

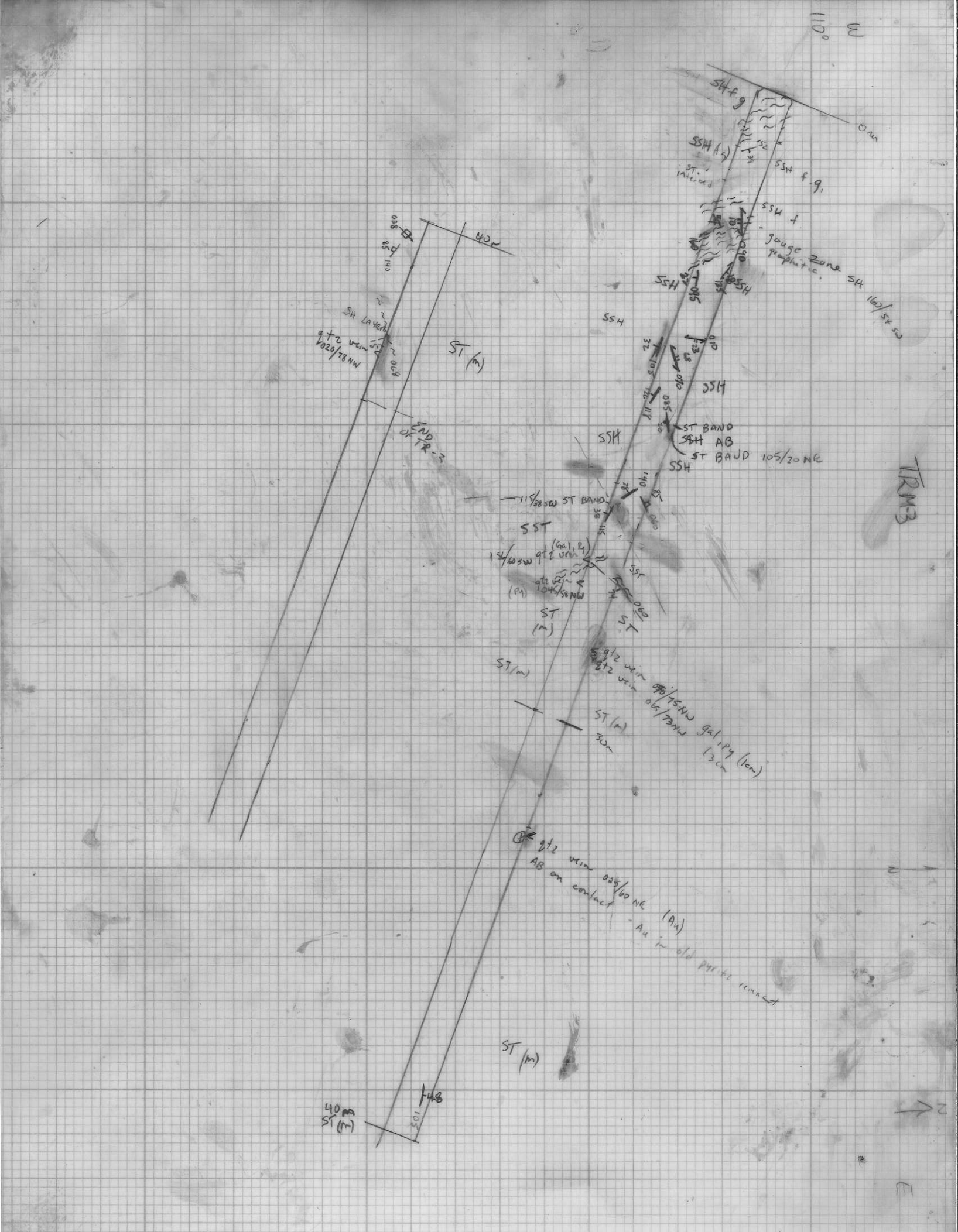


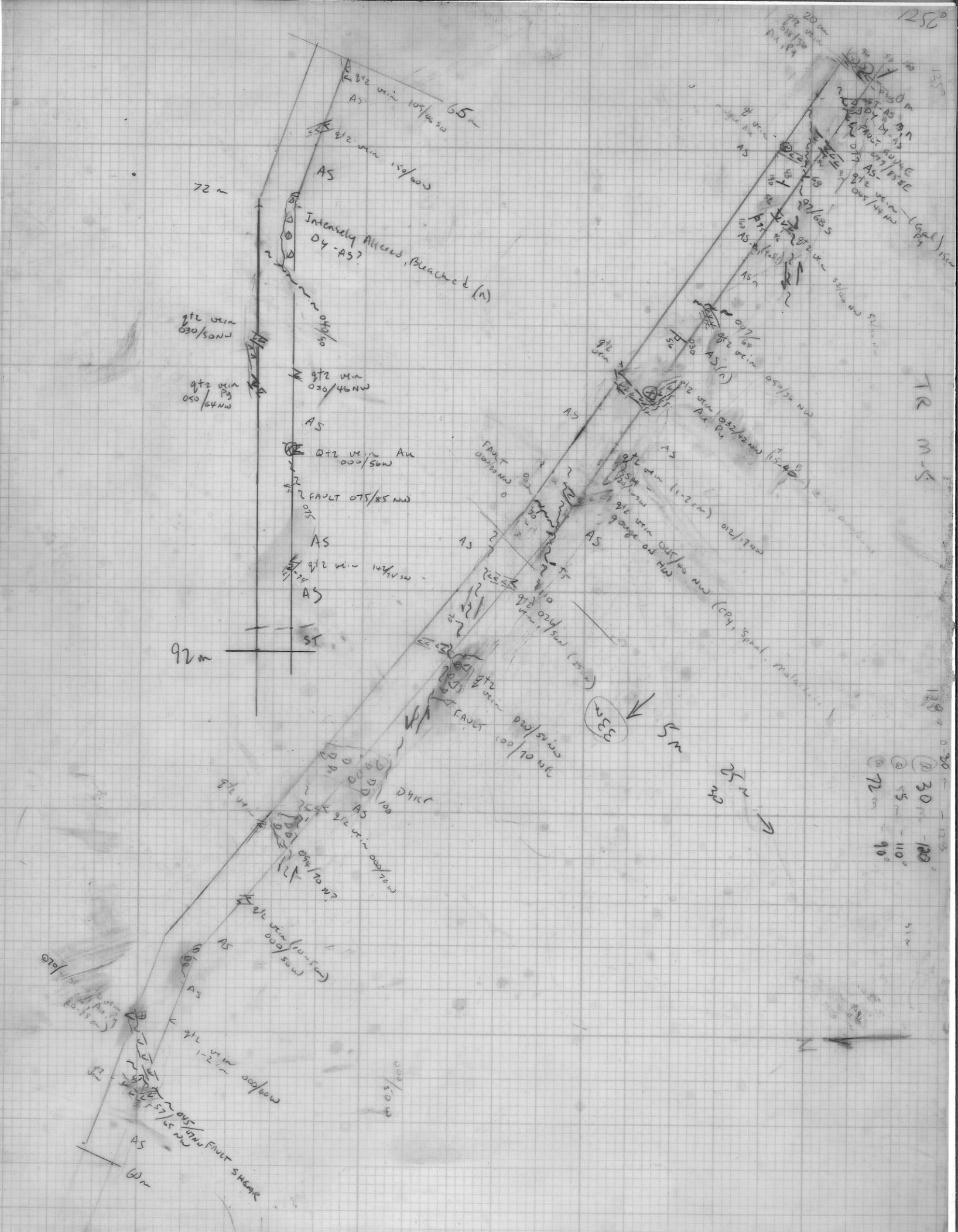

1:200
N
TR
M-1
50m
Rusted SST
n, p, g
SSH, f, g
qtz vein
SSH
SSH f, g, q
040 FAULT
qtz vein - gal, Au, Py
Ab
029/50 NW
110/46NE FAULT
qtz vein 1-2 cm
155/74NE
STPOD
SSH
ST n, g
qtz vein 040/88 NW
SH INTERB. 0-15cm Ab, Au
SH INTERB. ~10cm Ab, Au
ST
qtz vein
040/55NW
SHEAR 038/28E
SH f, g
END OF TR M-1
SH
SSH n, g, p
qtz vein 030/85 S
SH f, g, n
SH, n
qtz vein gal, p
TILL @ 1.0m OVERBURDEN
SSH n
SSH f, n
SSH p, n
SSH Bn
SSH - SST
qtz vein 030/25 NW
SST
SLICK 32→300
SST n, p
SH 30 cm wide
qtz vein 95/85 S
SH g
SST q n p
SST g n p
Ab
SST f/sh
On S wall
- 3.0 - 7.0m
- not fractured
- island of SSH
on N wall
- 3.0 - 6.0 m
3m @ 4.3m sample

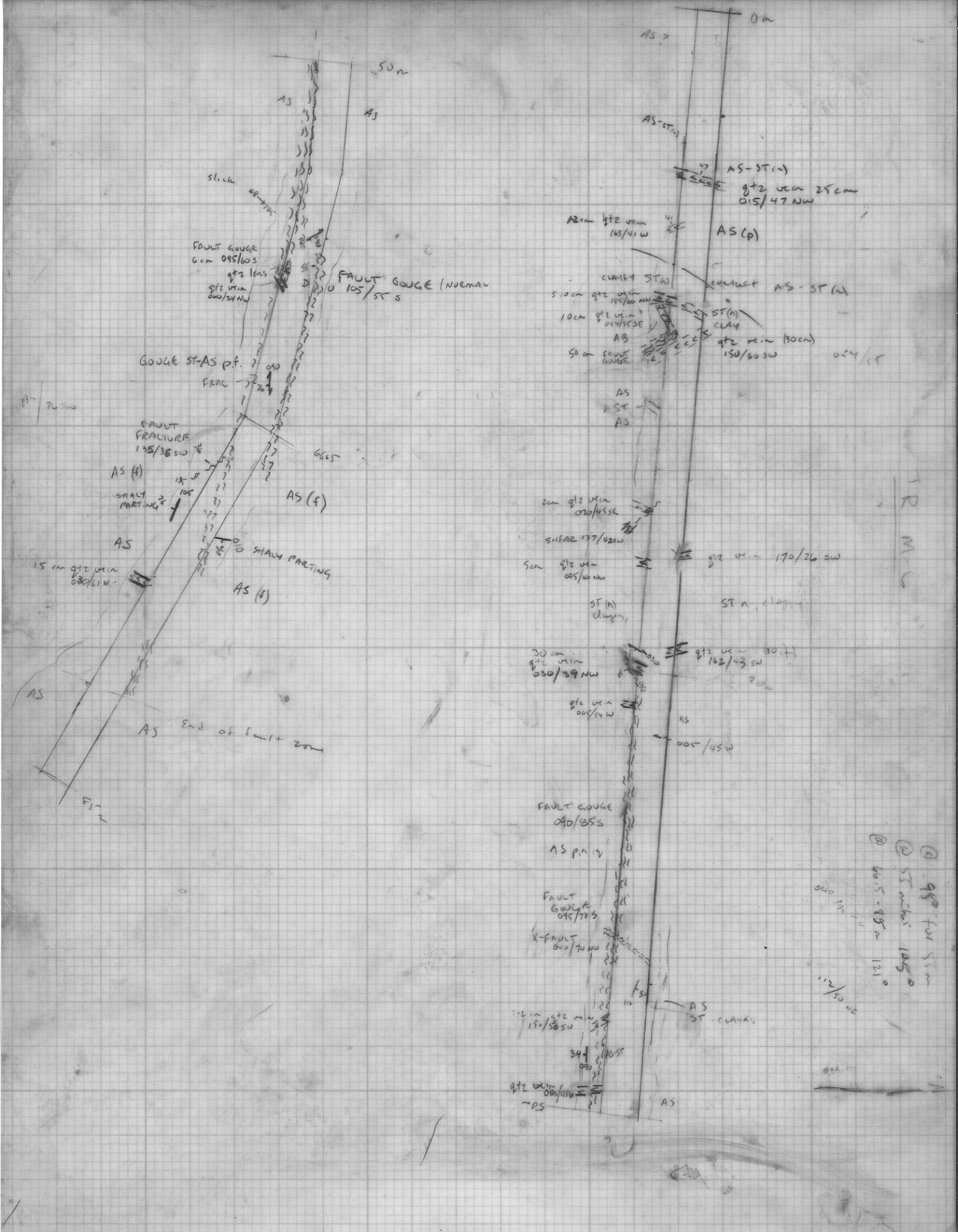

SST n,q,f
SST
SST AB
SST very rusty n,q, AB
SST AB
SST AB
EAST END 56.4 m
45 m
SSH
Repeat (see below)
SH f,q
DY (25 cm)
DY (20 cm)
DYKE 127/70 SW
FAULT 125/90
SH f,q,n
SH
SSH
SSH AB
SSH AB
SSH
DY (4 m)
SSH
SSH
SSH
SST - SSH
45 m
EAST
TR M-2

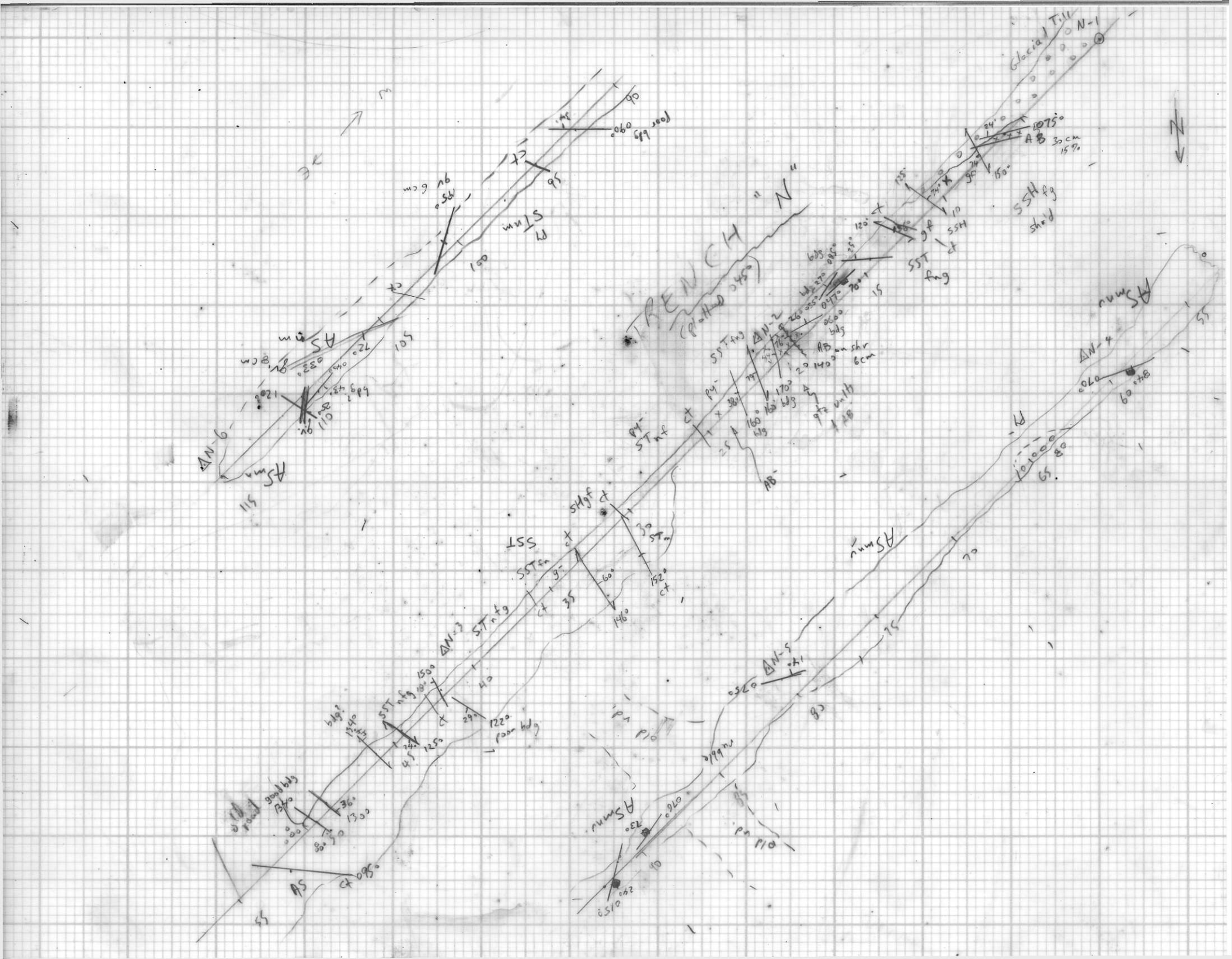
TRENCH M-2
West Half

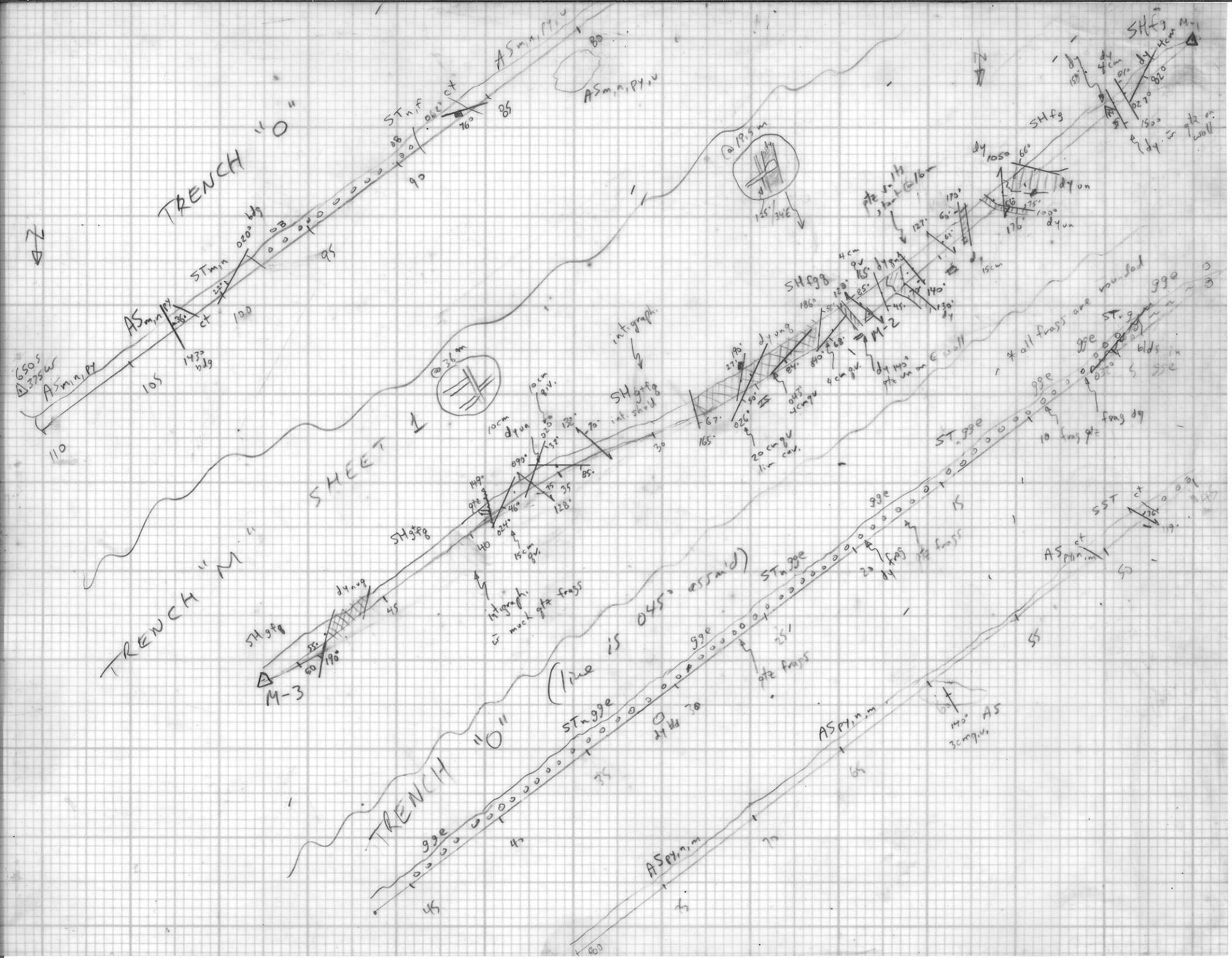


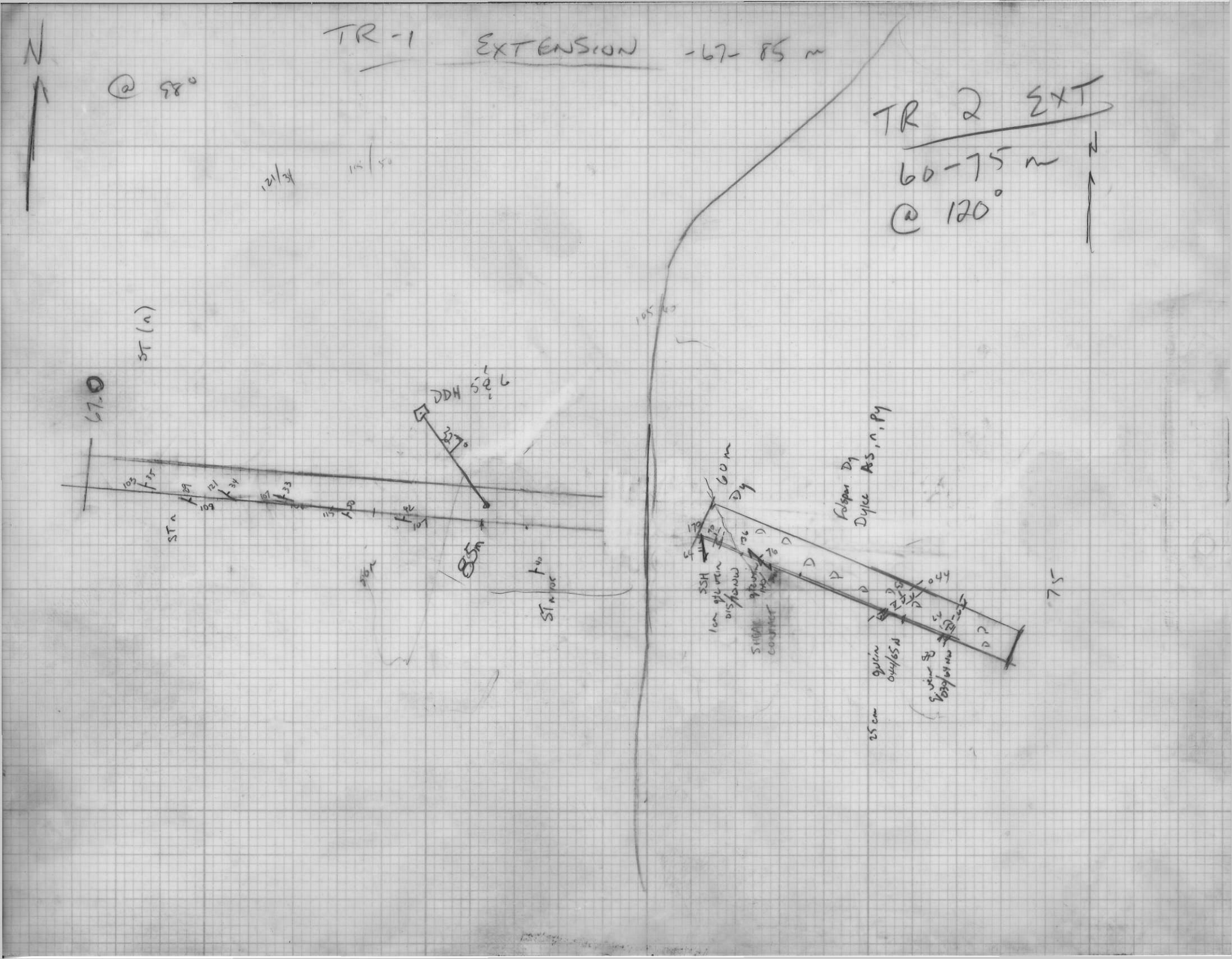

SH f g
SSH f g
SSH f g
SSH f
- gauge zone
graphitic
SSH
SSH
SSH
SSH
SSH
ST BAND
SSH AB
ST BAND 105/20 NE
SH LAYER
qtz vein
020/78 NW
ST (m)
END OF TR-3
115/28 SW ST BAND
SST
154/60 SW qtz (Ga), Py vein
qtz vein 044/58 NW
(Py)
ST (m)
ST
ST
qtz vein 098/75 NW Ga, Py (1cm)
qtz vein 065/73 NW
ST (m)
ST (m)
qtz vein 028/60 NE (Py)
AB on contact
- Py in old pyrite remnant
ST (m)
40 m
ST (m)
TR-3

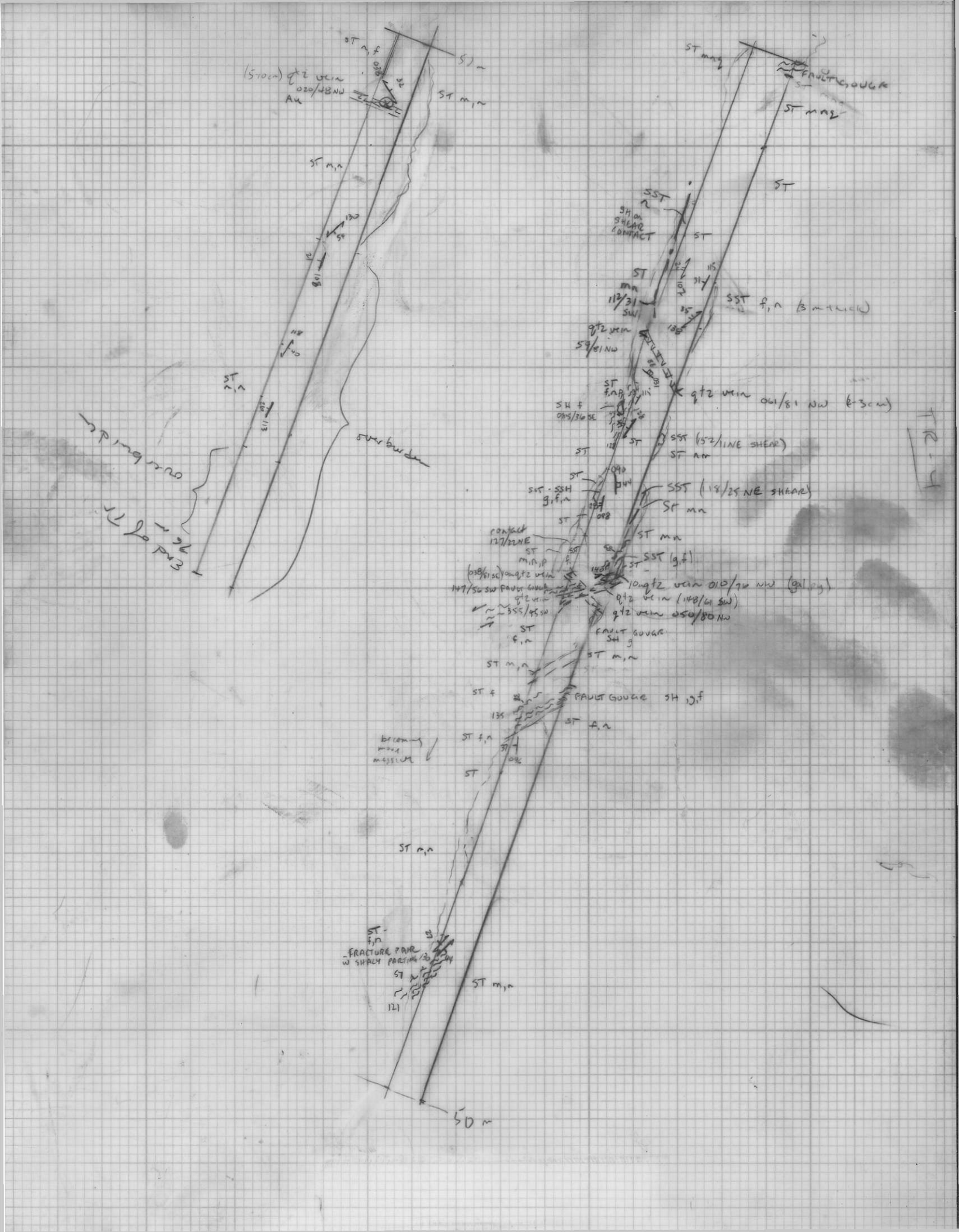

65 m
qtz vein 105/44 SW
AS
qtz vein 150/60 W
72 m
Intensely Altered, Bleached (n)
D4 - AS?
qtz vein 042/50
qtz vein 030/80NW
qtz vein 050/64NW
qtz vein 030/46NW
AS
Qtz vein Au 000/56W
FAULT 075/85 NW
075
AS
qtz vein 142/74 SW
92 m
ST
FAULT 000/30 NW
AS
qtz vein 024/50W (25cm)
FAULT 000/70 NW
D4 Dyke
qtz vein 2/2 vein 000/70 W
054/70 NW
qtz vein 000/50 W (10-15cm)
qtz vein 1-2 m 000/60W
045/47NW
FAULT SHEAR
60 m
AS
qtz vein 20 cm 038/36 NW, IRP
AS
D4 M-AS
FAULT 077/85SE
qtz vein 045/44 NW
AS
AS-A1 (n+H)
qtz vein 52/40 NW
AS(n)
027/64
qtz vein 030
qtz vein 032/42 NW
AS
qtz vein (1-2 cm) 012/7 NW
qtz vein 045/40 NW (CPY, Sphal, Malachite)
qtz vein 110
qtz vein 020/50 NW
FAULT
D4 Dyke
AS
qtz vein 000/60W
045/47NW

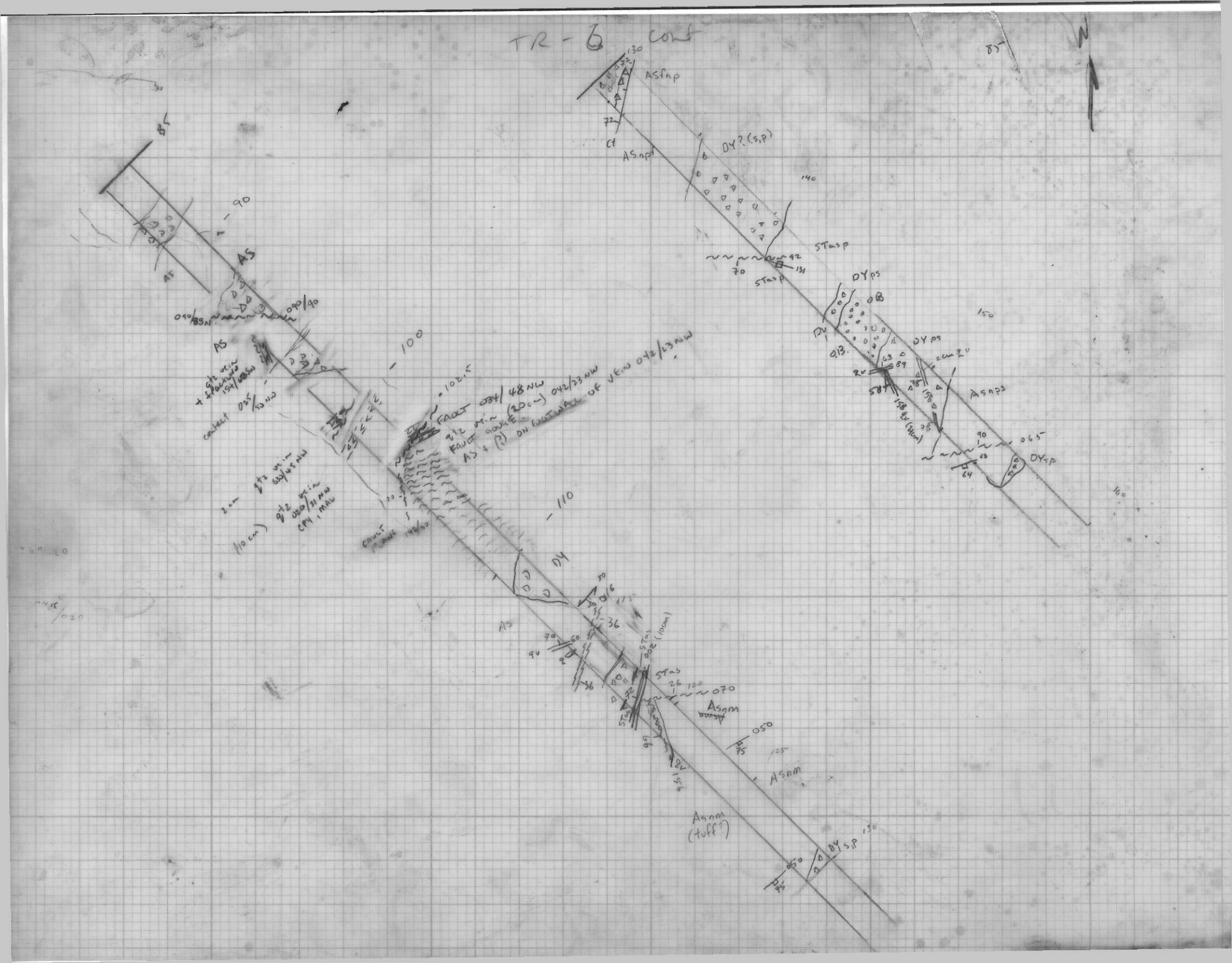

50m
AS
slick
FAULT GOUGE
6cm 095/60S
qtz lens
qtz vein
040/24NW
FAULT GOUGE (NORMAL)
105/55S
GOUGE ST-AS pf.
FRAC
FAULT
FRACTURE
135/35SW
AS (f)
SHALY
PARTING
15 cm qtz vein
030/61W
End of fault zone
0m
AS-ST(n)
qtz vein 25cm
015/47NW
42cm qtz vein
165/41W
AS(p)
CLAYEY ST(n)
contact AS-ST(n)
5-10cm qtz vein 195/60NW
10cm qtz vein
054/55SE
ST(n)
CLAY
qtz vein (30cm)
150/60SW
50cm FAULT
GOUGE
2cm qtz vein
070/45SE
SHEAR 137/42SW
5cm qtz vein
025/60NW
qtz vein 170/26SW
ST(n) clayey
ST n, clay
30cm qtz vein
030/39NW
qtz vein (30cm)
162/43SW
qtz vein
064/54W
005/45W
FAULT GOUGE
090/85S
AS pinch
FAULT GOUGE
095/78S
X-FAULT
040/74NW
12cm qtz vein
150/58SW
AS ST - CLAY
qtz vein
005/45W
AS
TRM
@ 95° for strm
@ ST strikes 105°
@ 60.5-85m 121°
112/50NE

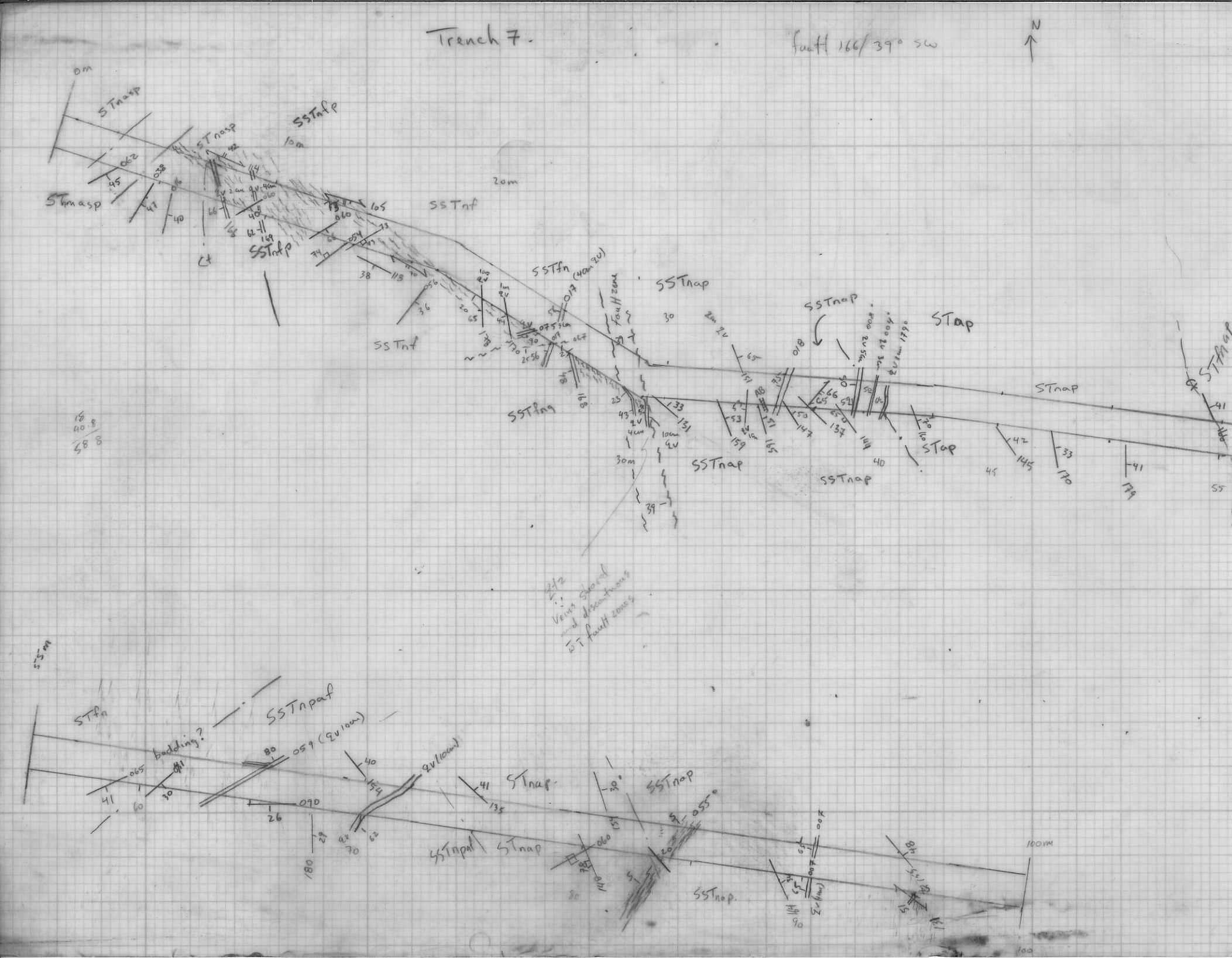

TRENCH
(Plan View)
N
Glacial Till
N-1
N-2
N-3
N-4
N-5
N-6
AB
AS
ST
SST
ct
gf
fg
sh
gs
pt
py
Pm
Pio
30 cm
15 cm
6 cm
shear
shrd
rooted
unit


TRENCH "O"
TRENCH "M"
TRENCH "N"
SHEET 1
N
ASm,n,py
STm,n
SHfg
SHfgg
SHggfg
STn,gge
ggge
ASpy,n,m
M-1
M-2
M-3
@ 19.5m
@ 36m
int. graph.
(line is 045° assumed)
* all frags are wood
SST


TR-1 EXTENSION -67- 85 m
N
@ 58°
121/34
15/50
TR 2 EXT
60-75 m
@ 120°
N
ST (1)
67.0
DDH 96-5
327°
103
ST 1
89
109
121
34
67
33
135
46
42
101
85m
105 m
ST 1 70E
60m
DH
Folspar Dy
Dyke Ats, 1, Py
SSH
1cm qtz vein
disrupted
SHEAR
CONTACT
25 cm
75


ST f,n
(5 10cm) qtz vein 020/48 NW
ST m,n
SST
SH on SHEAR CONTACT
ST mn
112/31 SW
SST f,n (3 m thick)
qtz vein 061/81 NW (1-3cm)
SST (152/11NE SHEAR)
ST mn
SST (118/25 NE SHEAR)
SST g,f
qtz vein 010/70 NW (gal, cg)
qtz vein (148/61 SW)
qtz vein 050/80 NW
FAULT GOUGE SH g
ST m,n
FAULT GOUGE SH g,f
ST f,n
FRACTURE PAIR w SHALY PARTING /30
50 m


TR-6 cont
N
AS
AS
AS
AS
ASfnp
ASnpm
DY?(S,P)
5Tasp
DYps
DB
DY
DYsp
Asnps
Asnp
Asnm
Asnm
Asnm (tuff?)
DYsp
FAULT 034/48NW
FAULT STRIE (20cm) 042/23NW
AS + (?) ON (WESTWARD) OF VEIN 042/13NW
contact 035/30NW
090/89N
090/90
090/90
5Tas
5Tas
5Tas
070
050
065
Ct
Ct
Ct


Trench 7.
fault 166/39° SW
N
0m
10m
20m
30m
100m
STnasp
SSTnfp
STmnasp
SSTnf
SSTnfp
SSTfn (4cm QV)
fault zone
SSTnap
STap
SSTfng
SSTnap
STfn
SSTnpaf
bedding?
QV (10cm)
STnap
SSTnpaf/STnap
SSTnap
Veins shared and discontinuous w/ fault zones

WEST MAP 1:1000

