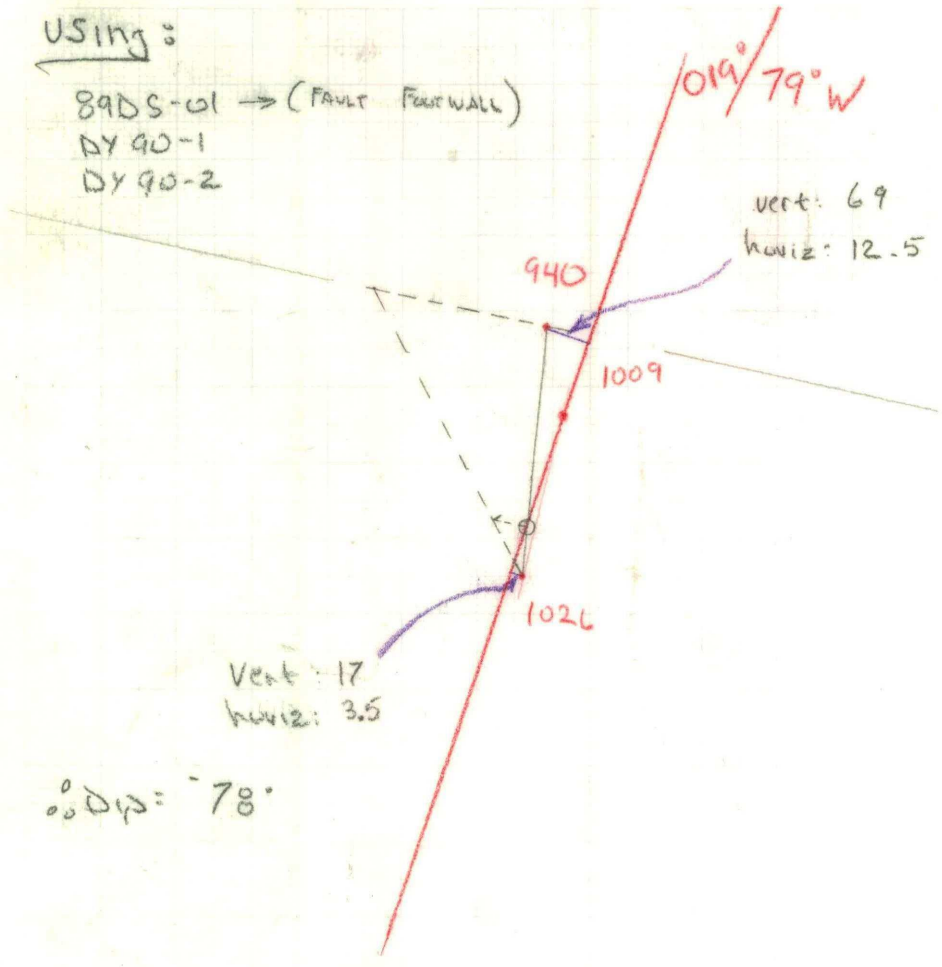
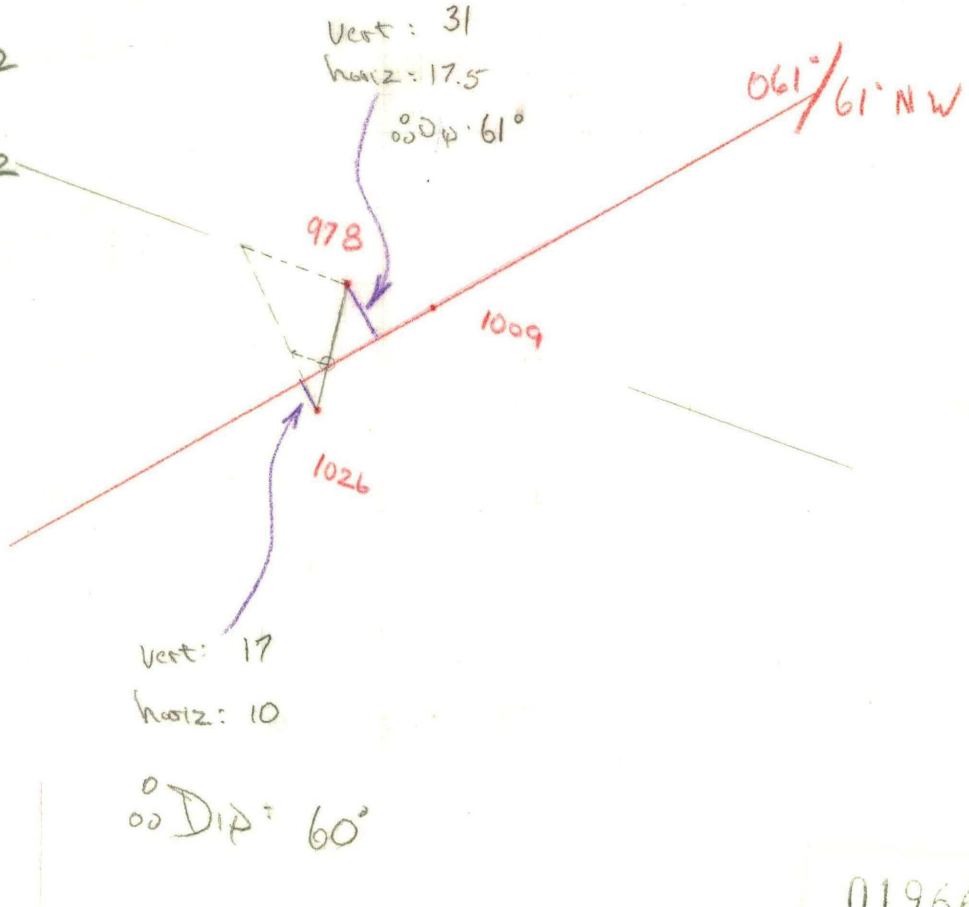
Using:

89DS-01 → (FAULT FOOTWALL)
DY 90-1
DY 90-2



Using:

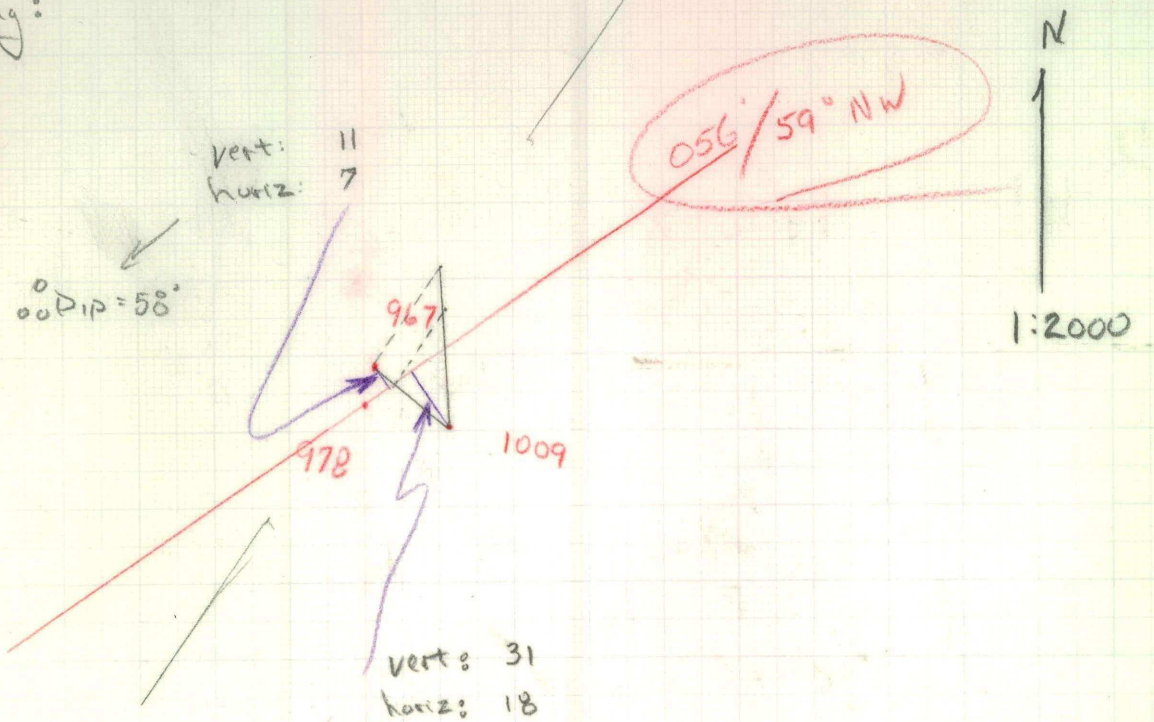
89DS-02
DY 90-1
DY 90-2



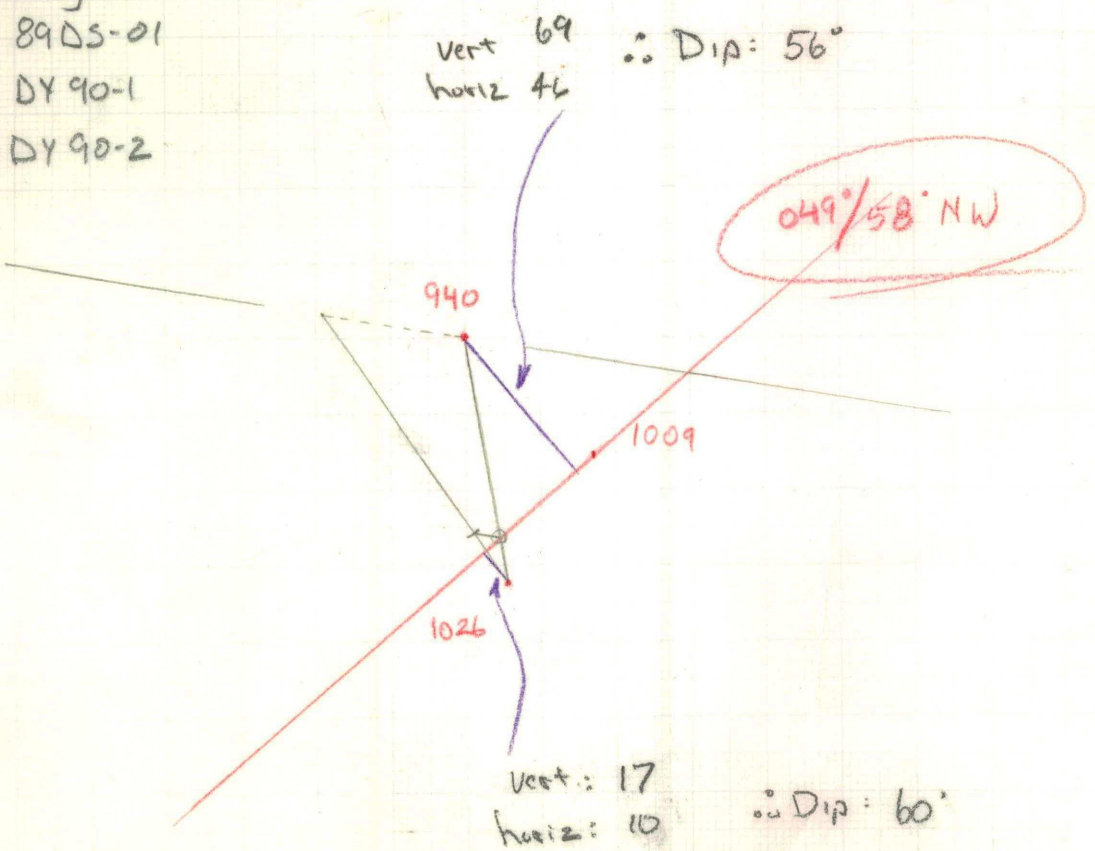
019669

Using:

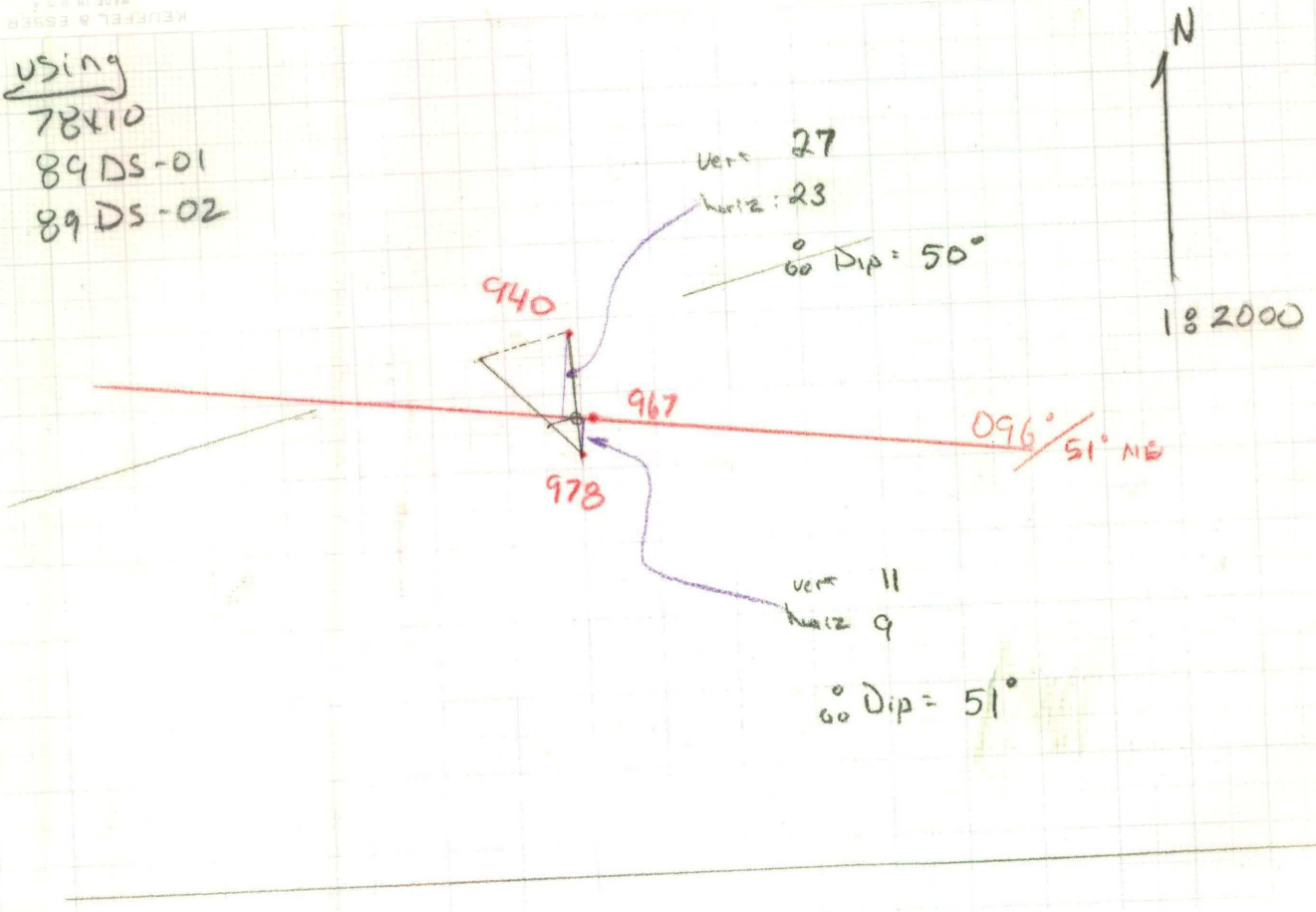
78X10
89DS-02
DY90-2



Using
89DS-01
DY90-1
DY90-2



using
78x10
89DS-01
89DS-02



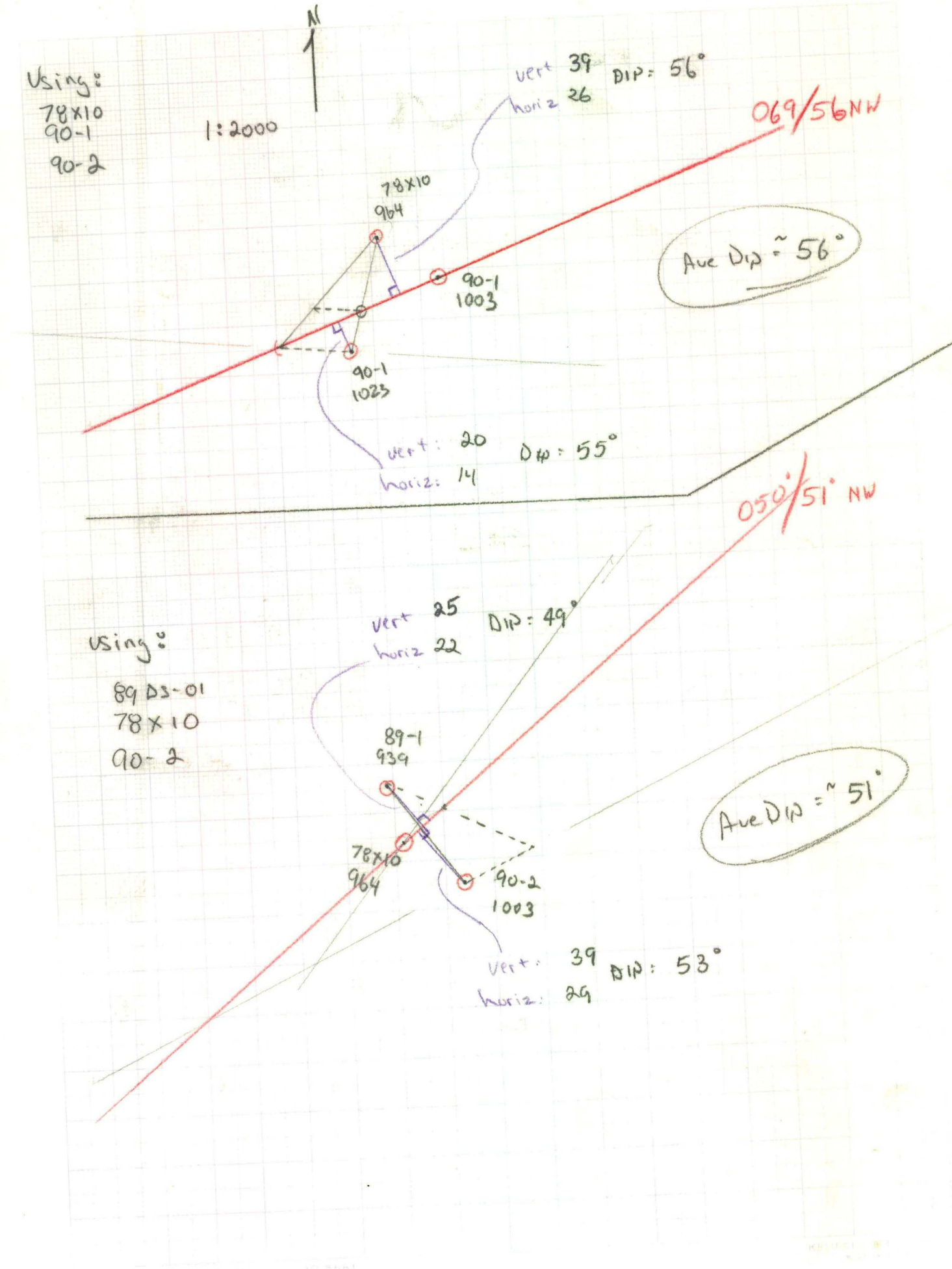
using:

78x10
89DS-02
90-1

967
978

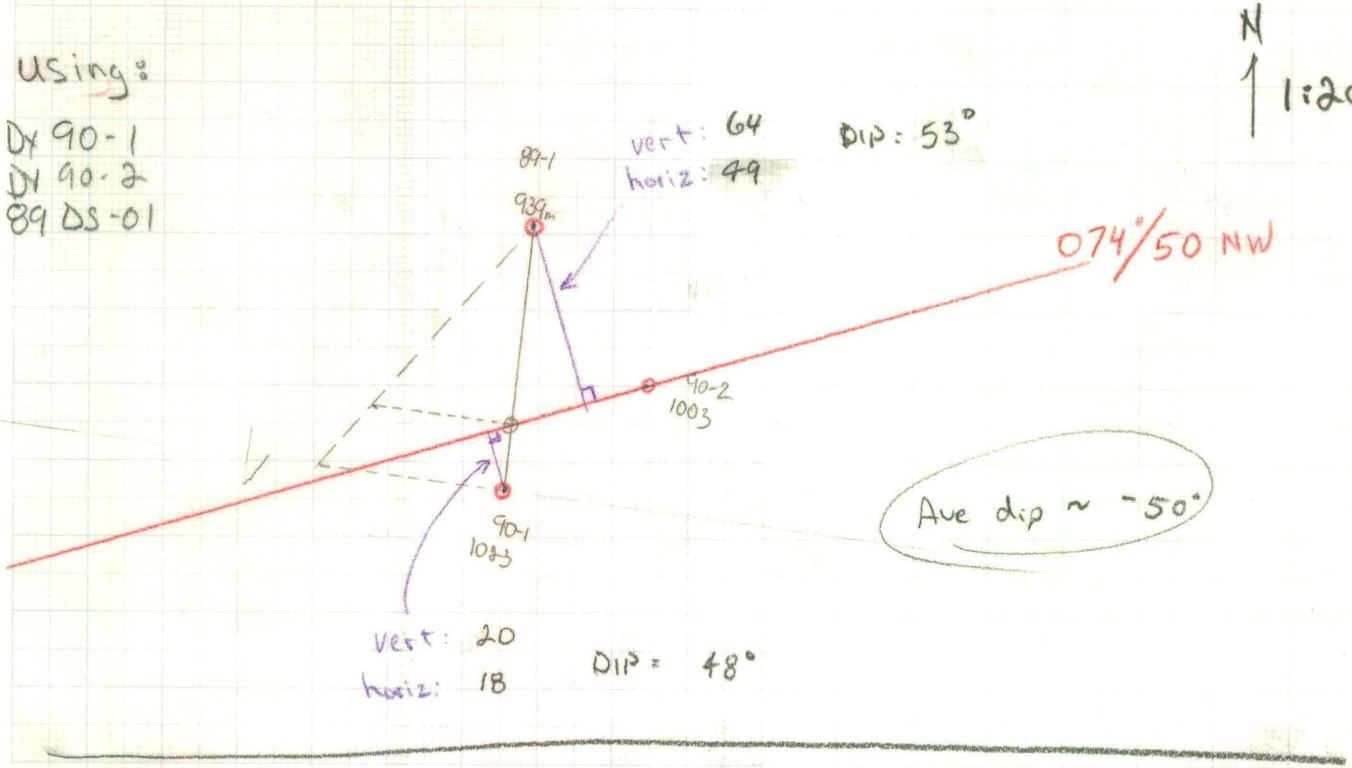
VOID

1026


N
Using:
78x10
90-1
90-2
1:2000
vert 39
horiz 26
DIP: 56°
069/56NW
78x10
964
90-1
1003
Ave Dip ≈ 56°
90-1
1023
vert: 20
horiz: 14
DIP: 55°
050°/51° NW
vert 25
horiz 22
DIP: 49°
Using:
89 D3-01
78x10
90-2
89-1
939
Ave DIP = ~ 51°
78x10
964
90-2
1003
vert: 39
horiz: 29
DIP: 53°

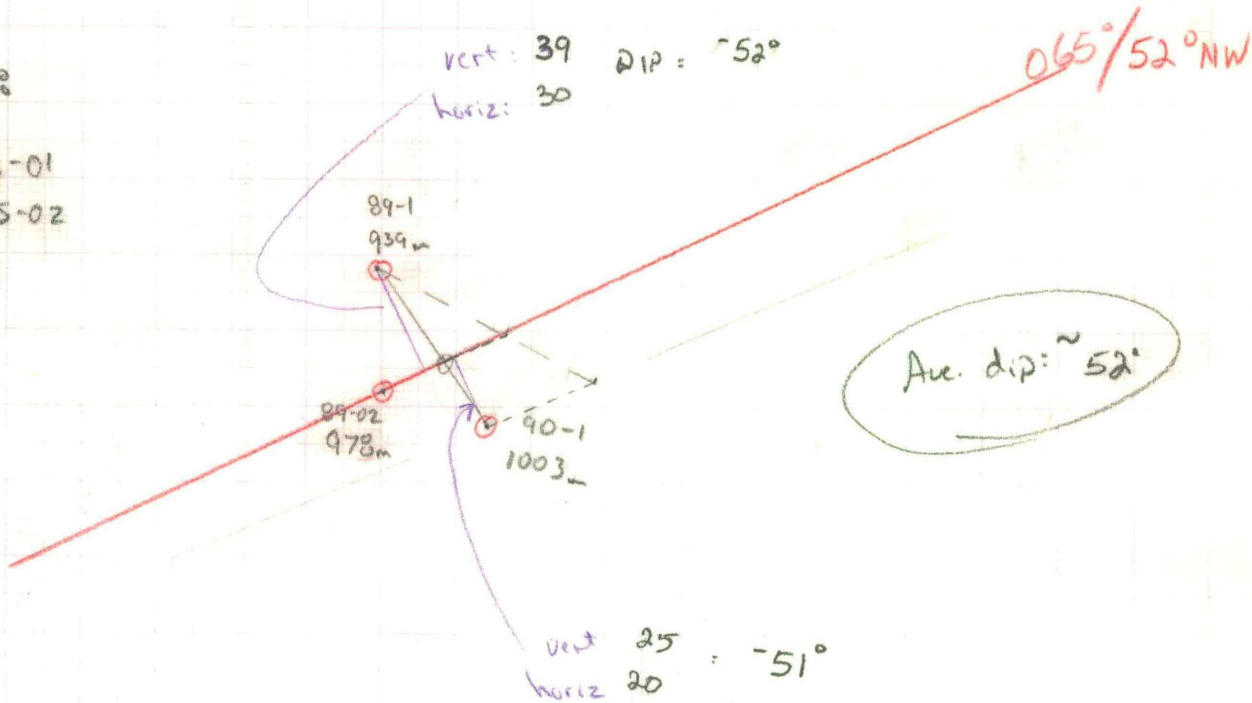
Using:

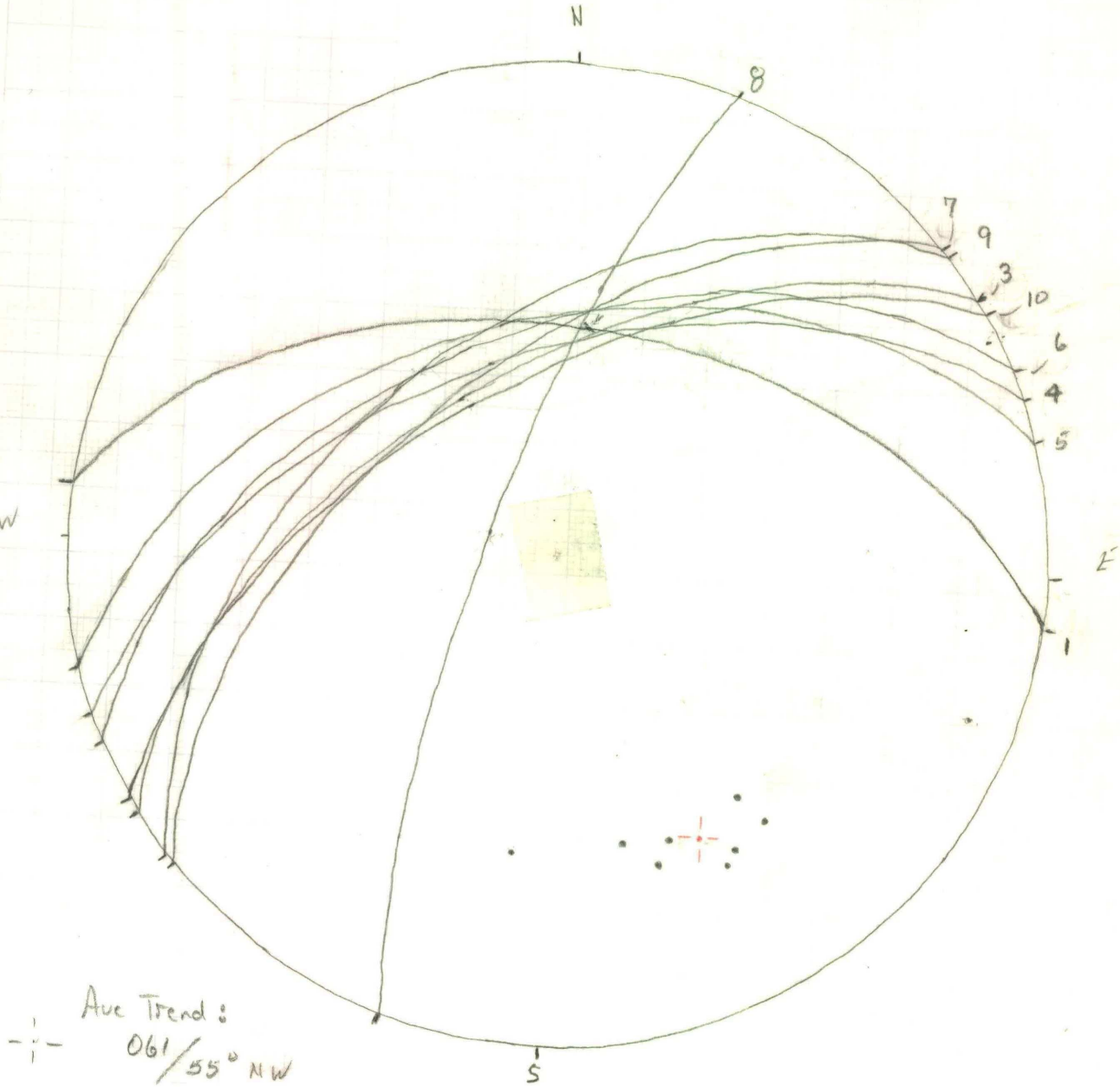
DY 90-1
DY 90-2
89 DS-01



Using:

89 DS-01
89 DS-02
90-1



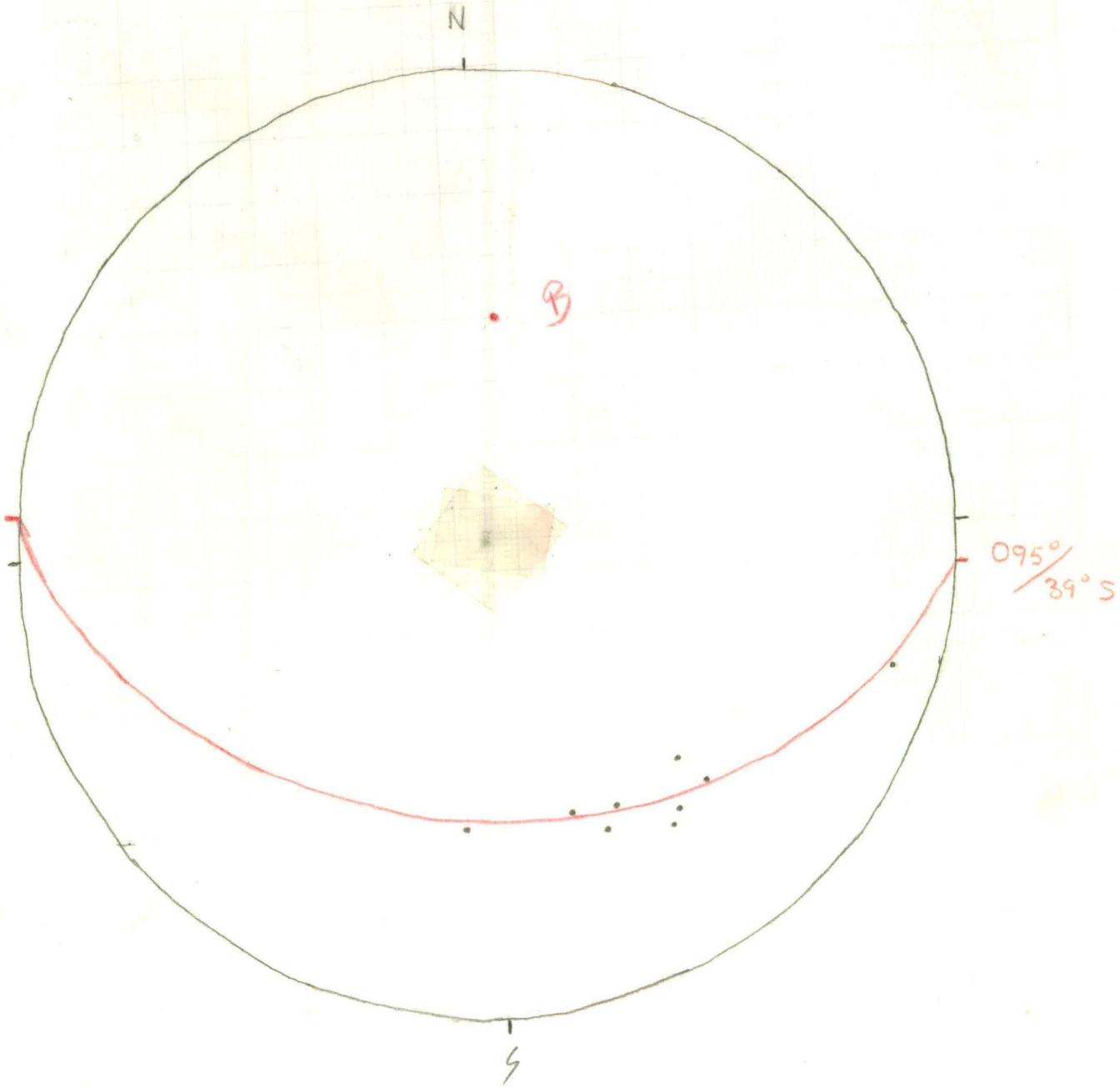


Stereonet Projection of CASH FAULT

DY PROPERTY

July 27, 1990

#2



FAULT PLANE POLES

DY

July 27, 1990

J2

- plot all combinations for 3pt prob.

78x10 , 8905-01 , 8900-02 , 90-1 , 90-2
A B C D E

① ABC* 096/51° NE ✓
② ACD VOID
③ ACE 056/59° NW ✓
④ ADE 069°/56° NW ✓
⑤ BCD 074°/50° NW ✓
⑥ BCE 065°/52° NW
⑦ BDE 049°/58° NW
⑧ ABD 019°/79° W
⑨ ABE 050°/51° NW
⑩ CDE 061°/61° NW

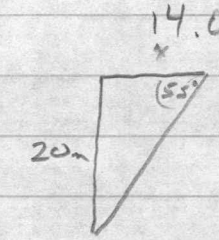
10

- PLOT ON STEREO NET

DET. AVE VALUE

CALC Depth to fault with each outlier and mean value.

AVE: 061°/55°

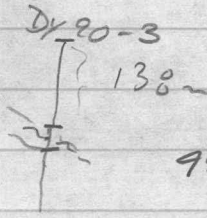


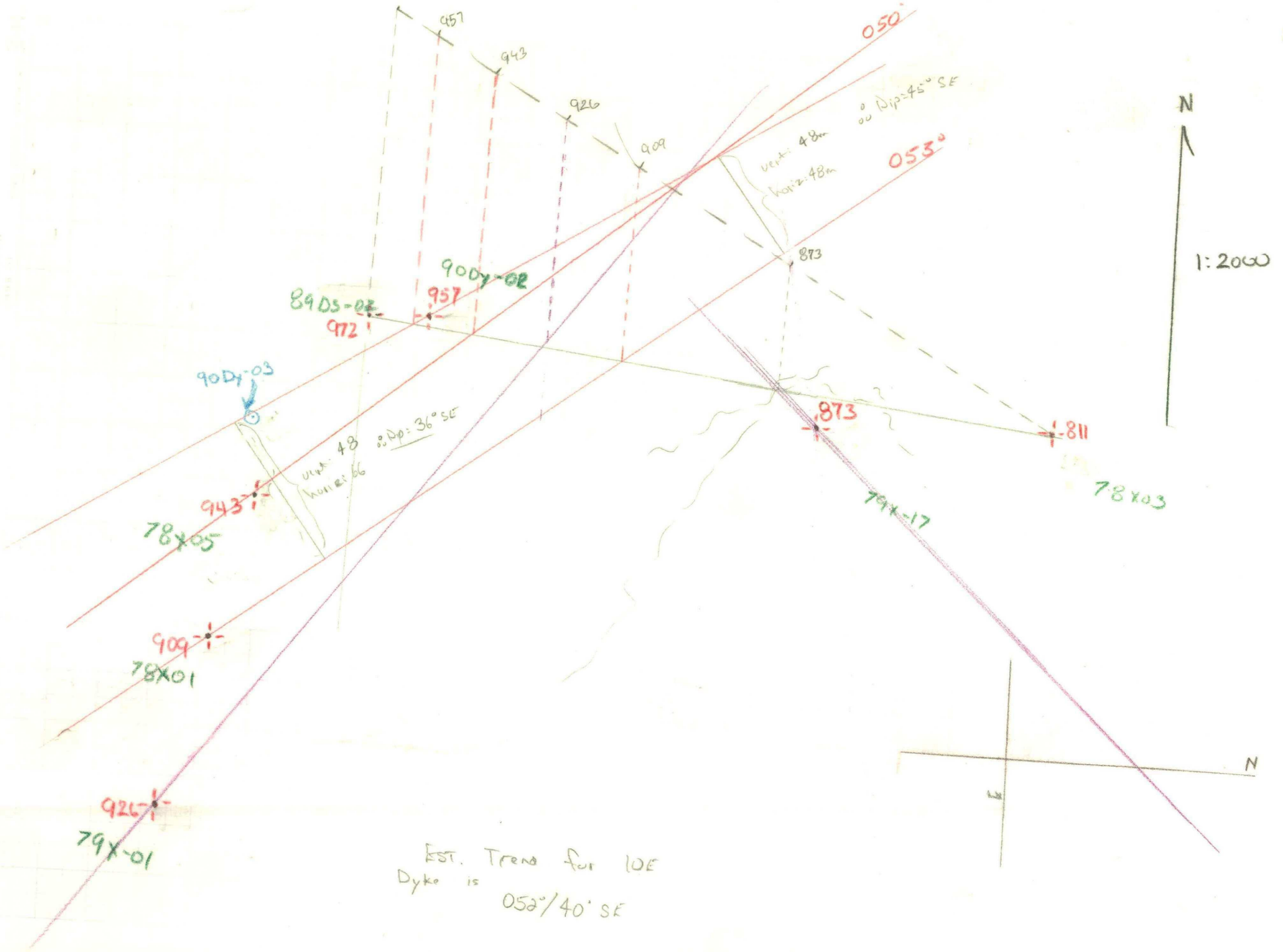
$\tan\theta = \frac{opp}{adj}$

$\tan 55 = \frac{20}{x}$

$x = \frac{20}{\tan 55}$

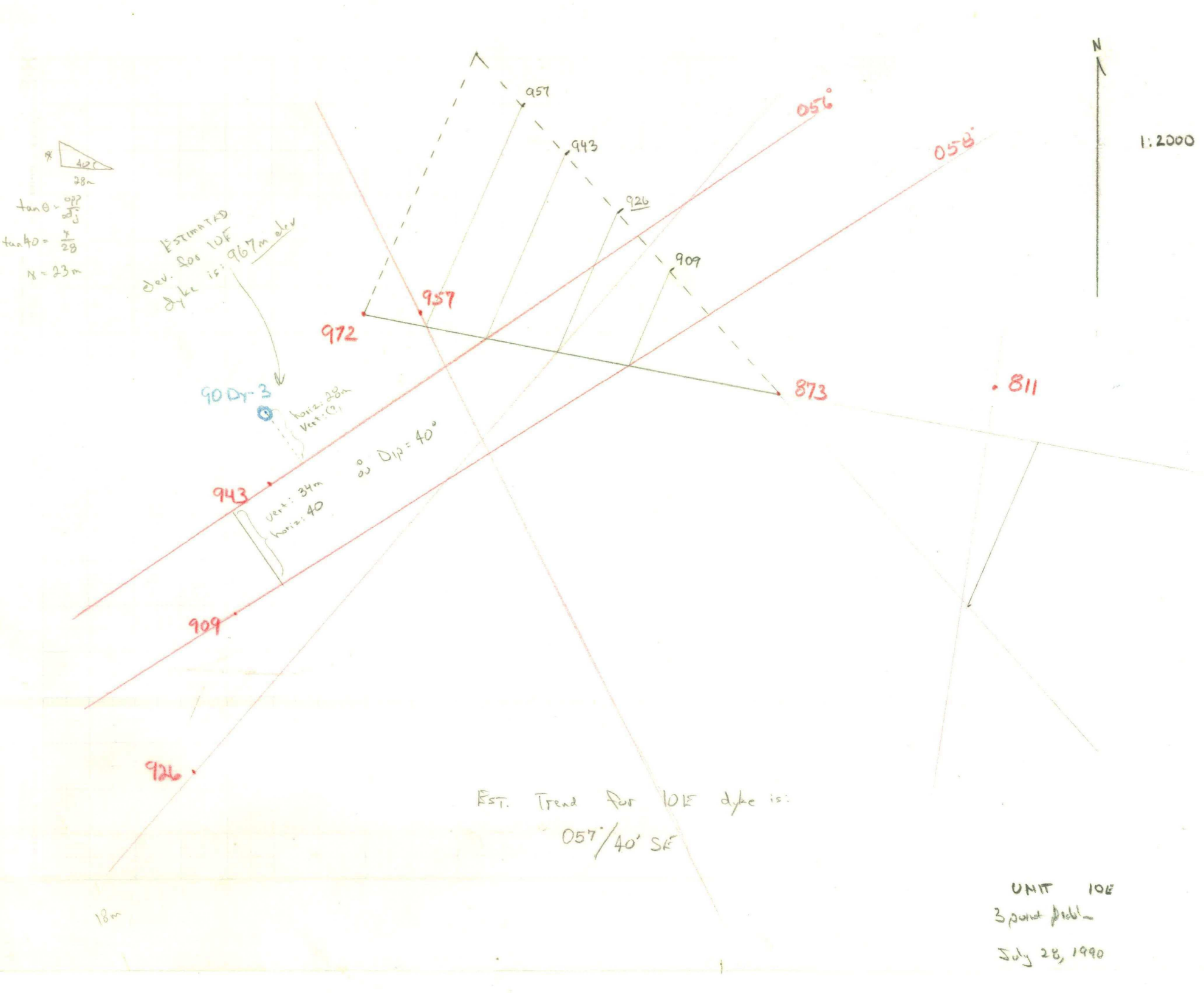
$x =$





EST. Trend for 10E Dyke is 052°/40° SE

UNIT 10E
3 point problem.
July 28, 1990


N
1:2000
957
943
926
909
972
957
873
811
056°
058°
90 Dyke 3
horiz: 20m
Vert: (?)
943
vert: 34m
horiz: 40
Dip = 40°
909
926
tan θ = opp/adj
tan 40 = x/28
x = 23m
28m
18m
ESTIMATED dev. for 10E dyke is: 967m elev
EST. Trend for 10E dyke is:
057°/40° SE
UNIT 10E
3 point prob.
July 28, 1990