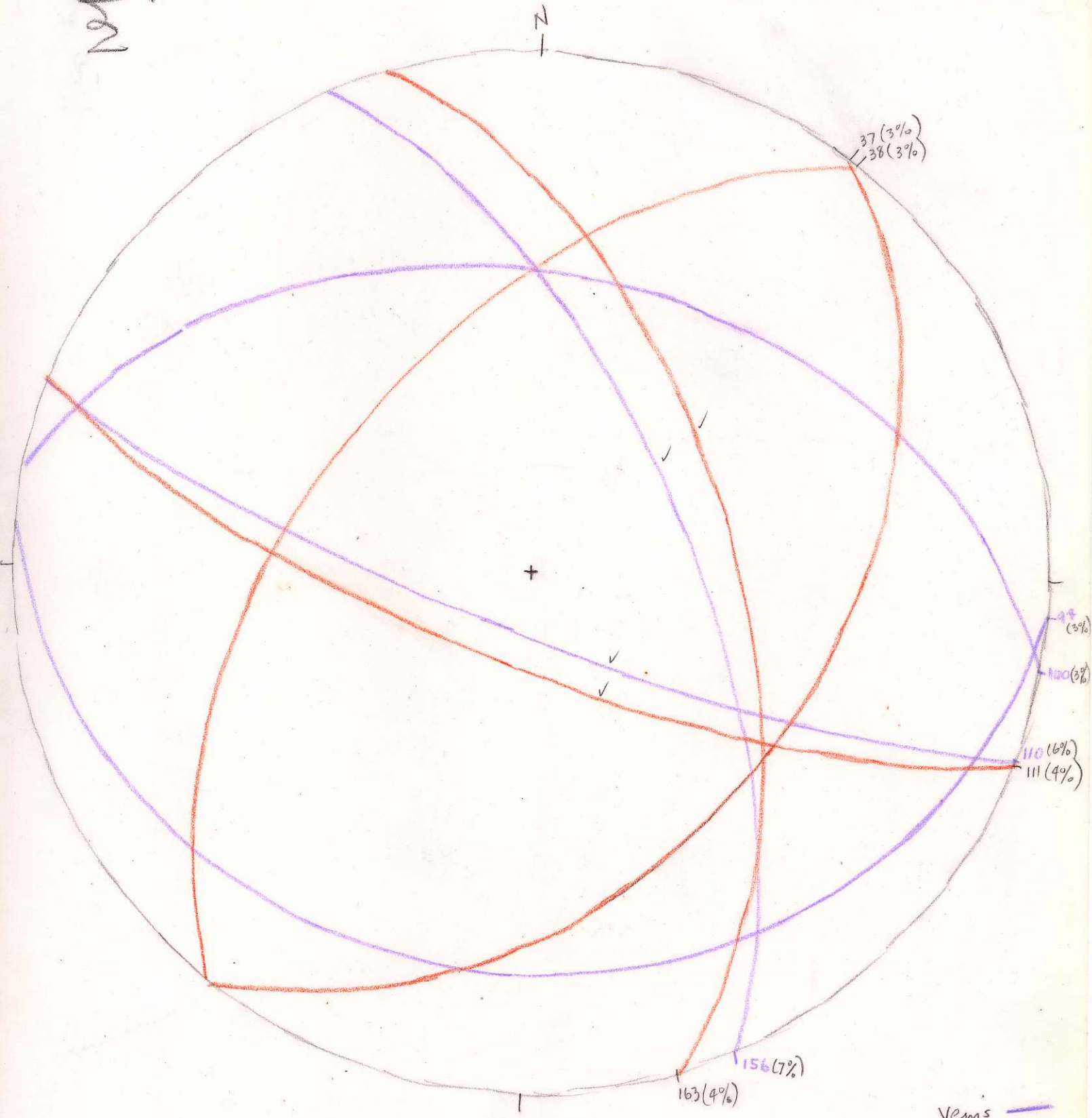


Wepher

896379  
Highland  
Valley  
Copper

Decline B



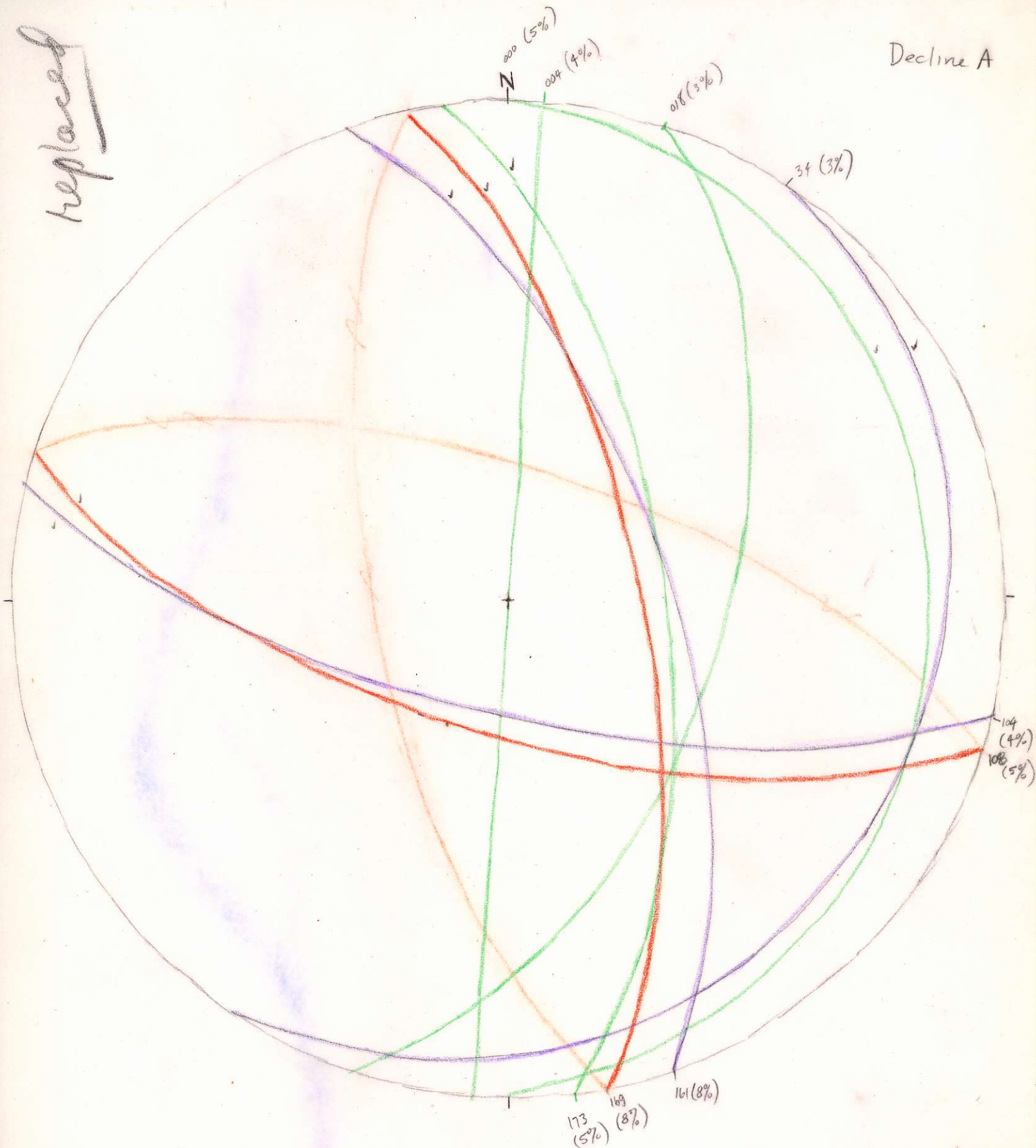
Veins — purple line  
 Joints — red line

Veins 094 + 100 may be non-significant  
 Joints 037 + 038 are probably significant

"Most abundant" joints and veins are parallel

replaced

Decline A



Comments

- The ESE veins + joints - match up
  - " SSE veins + joints + faults - match up
  - " N → NNE veins + faults - match up
- Two <sup>weak</sup> sets of faults appear to be unrelated to joints and veins (later?)  
 004/90 ; 018/steep east [may not be statistically significant]

Most common

- veins — 661 rdgs.
- faults — 281 "
- joints — 971 "

# DECLINE C

Joints

VS Faults

$\sigma_1$  +  $\sigma_3$  exchanged

Joints

$\sigma_1$  "vertical"

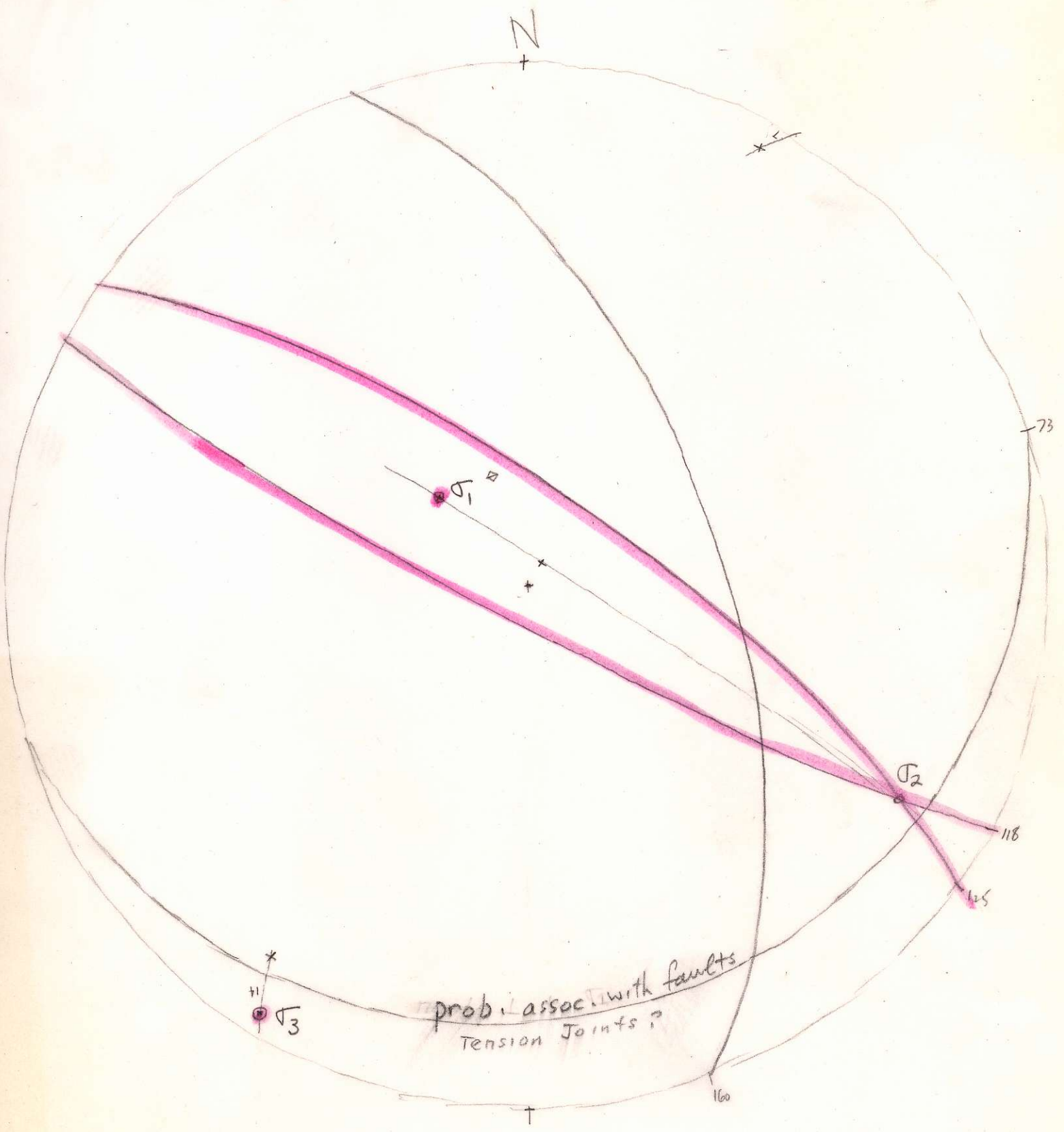
$\sigma_3$  "horizontal"

Faults

$\sigma_1$  "horizontal"

$\sigma_3$  "vertical"

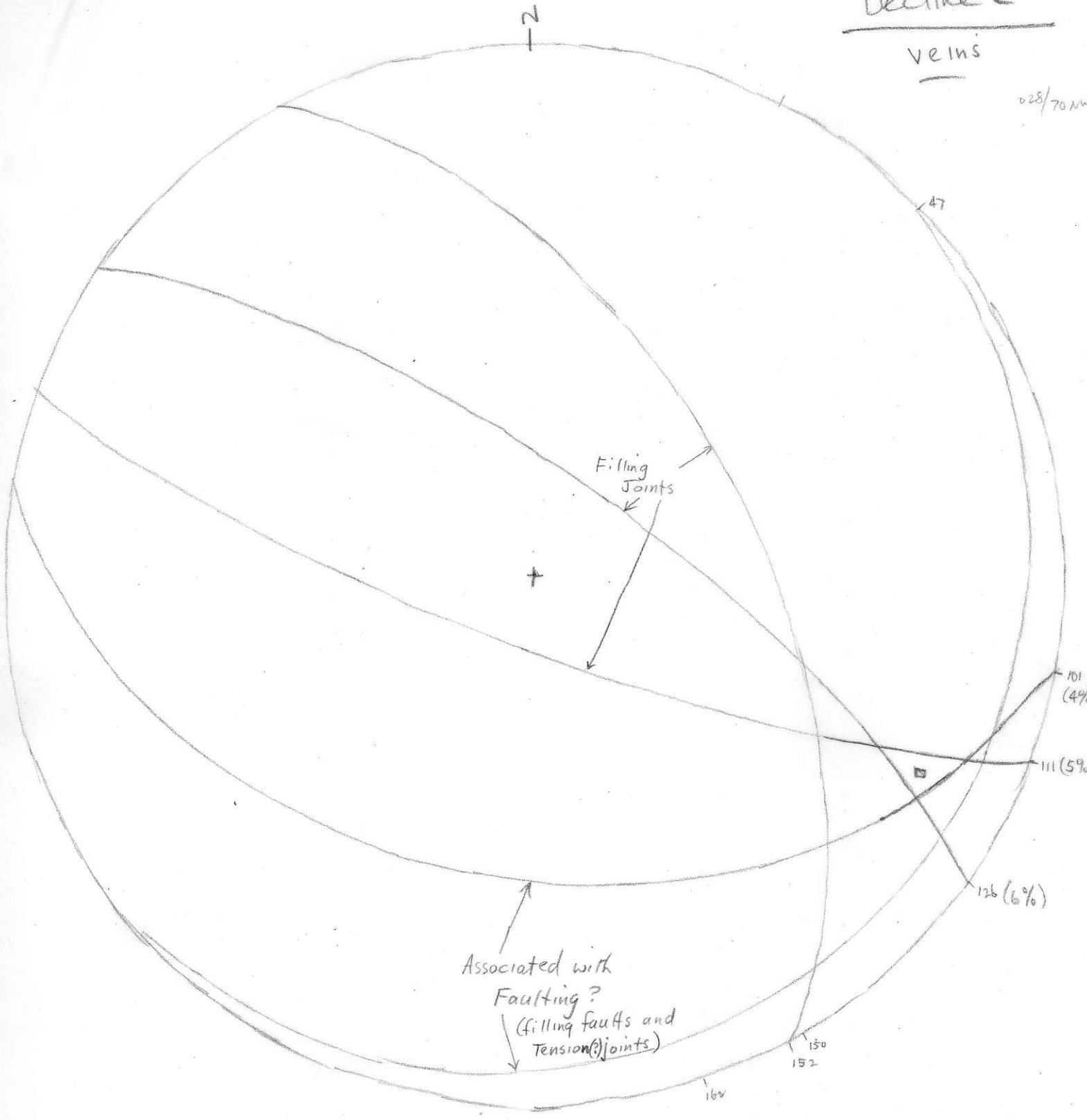
Decline C  
Joints



Decline C

veins

028/70NW



Filling Joints

+

Associated with Faulting?  
(filling faults and Tension(?) joints)

101 (4%)

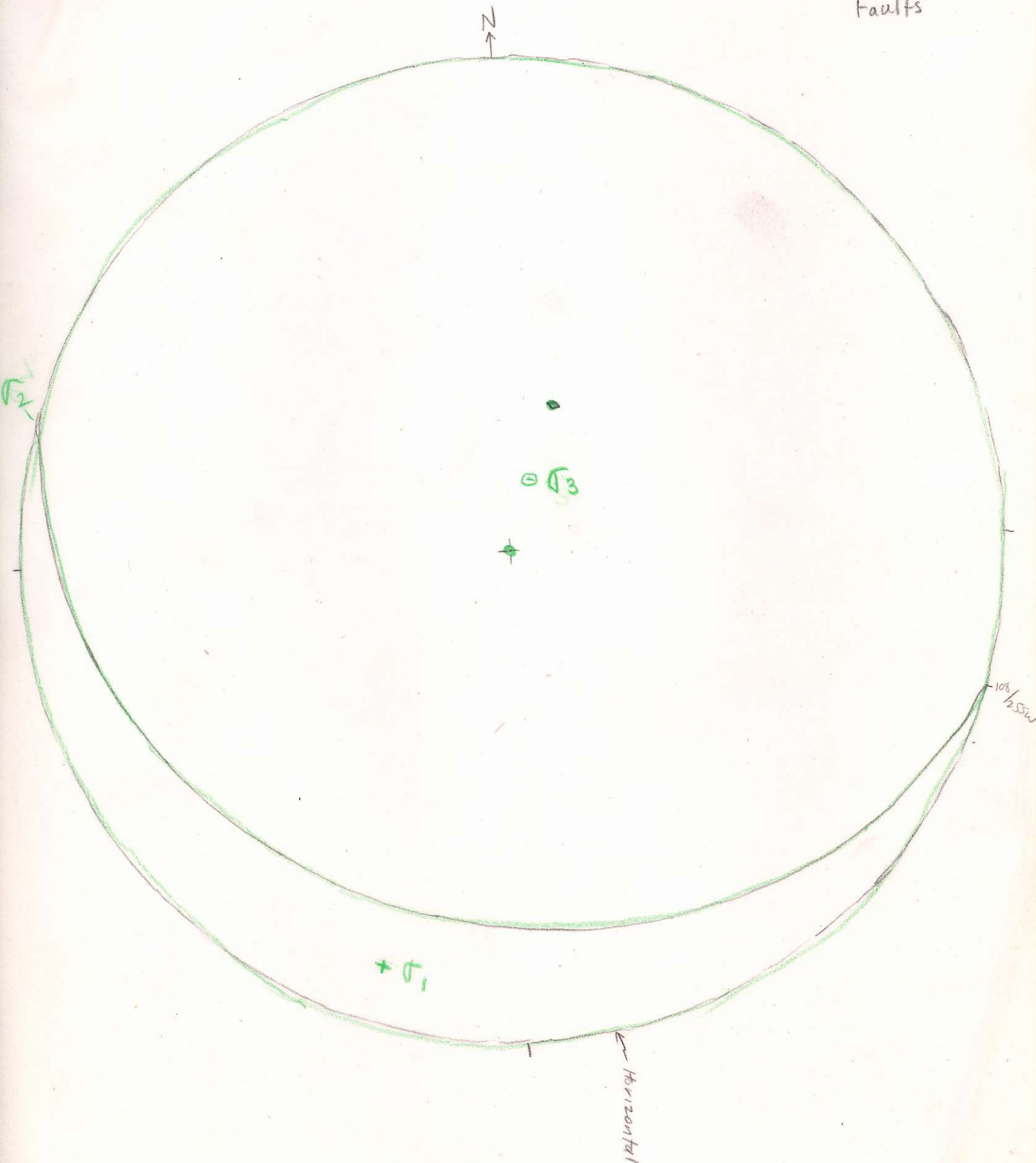
111 (5%)

126 (6%)

150  
152

162

Decline C  
Faults



Z

Horizontal

$+\sigma_1$

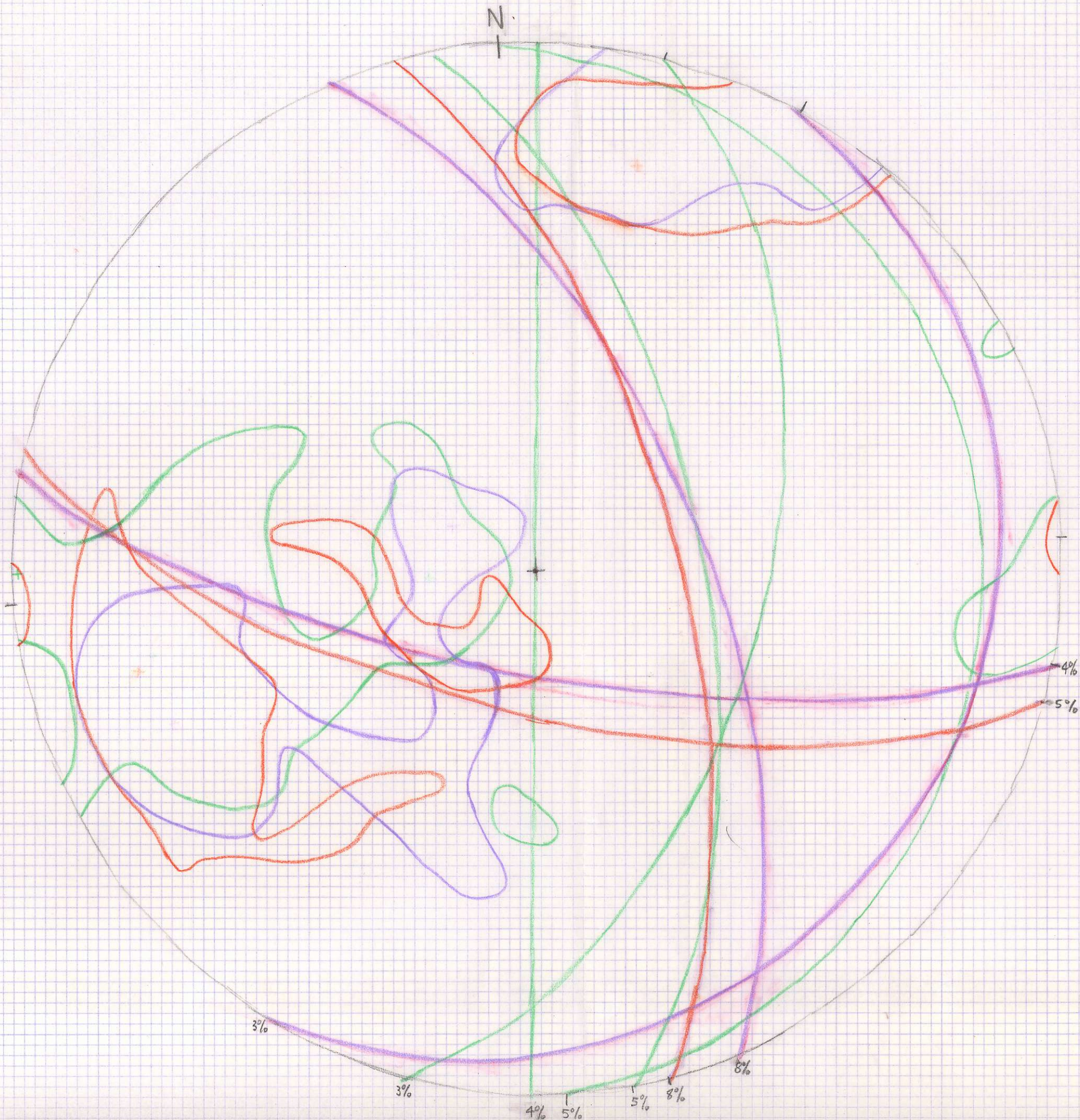
$\sqrt{2}$

$\frac{108}{2552}$

$\sigma_3$

+

.



Valley Copper  
DECLINE A

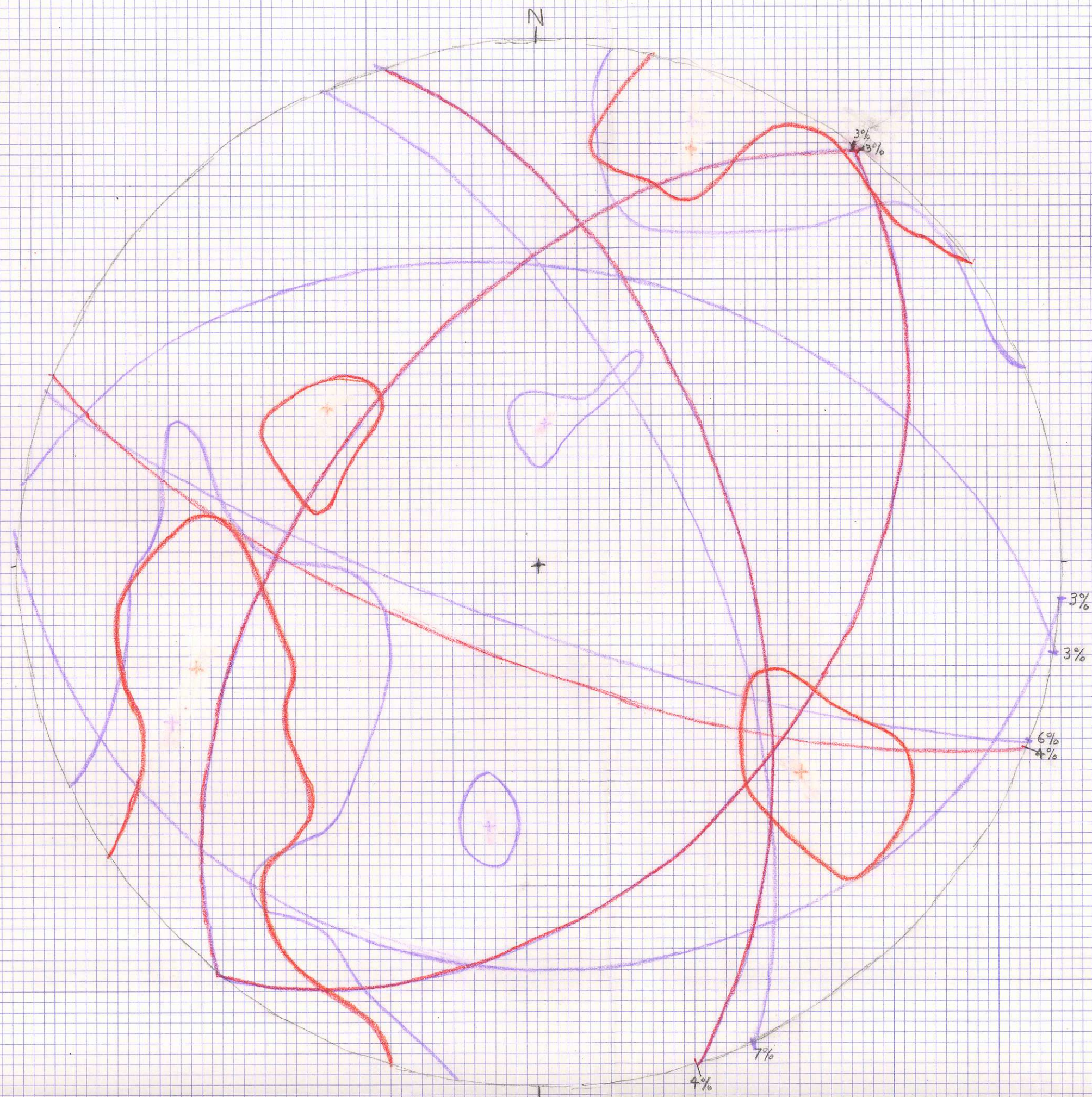
- ~~Most~~ ~~Some~~ Veins fill joints and faults.
- Faults and joints have similar trends

Symbols

- Veins
- Faults
- Joints

Plans		Percent	No. Rds
<del>—</del>	<del>—</del> Veins	<del>2%</del>	<del>661</del>
<del>—</del>	<del>—</del> Faults	<del>2%</del>	<del>281</del>
<del>—</del>	<del>—</del> Joints	<del>2%</del>	<del>971</del>

# VALLEY COPPER DECLINE B



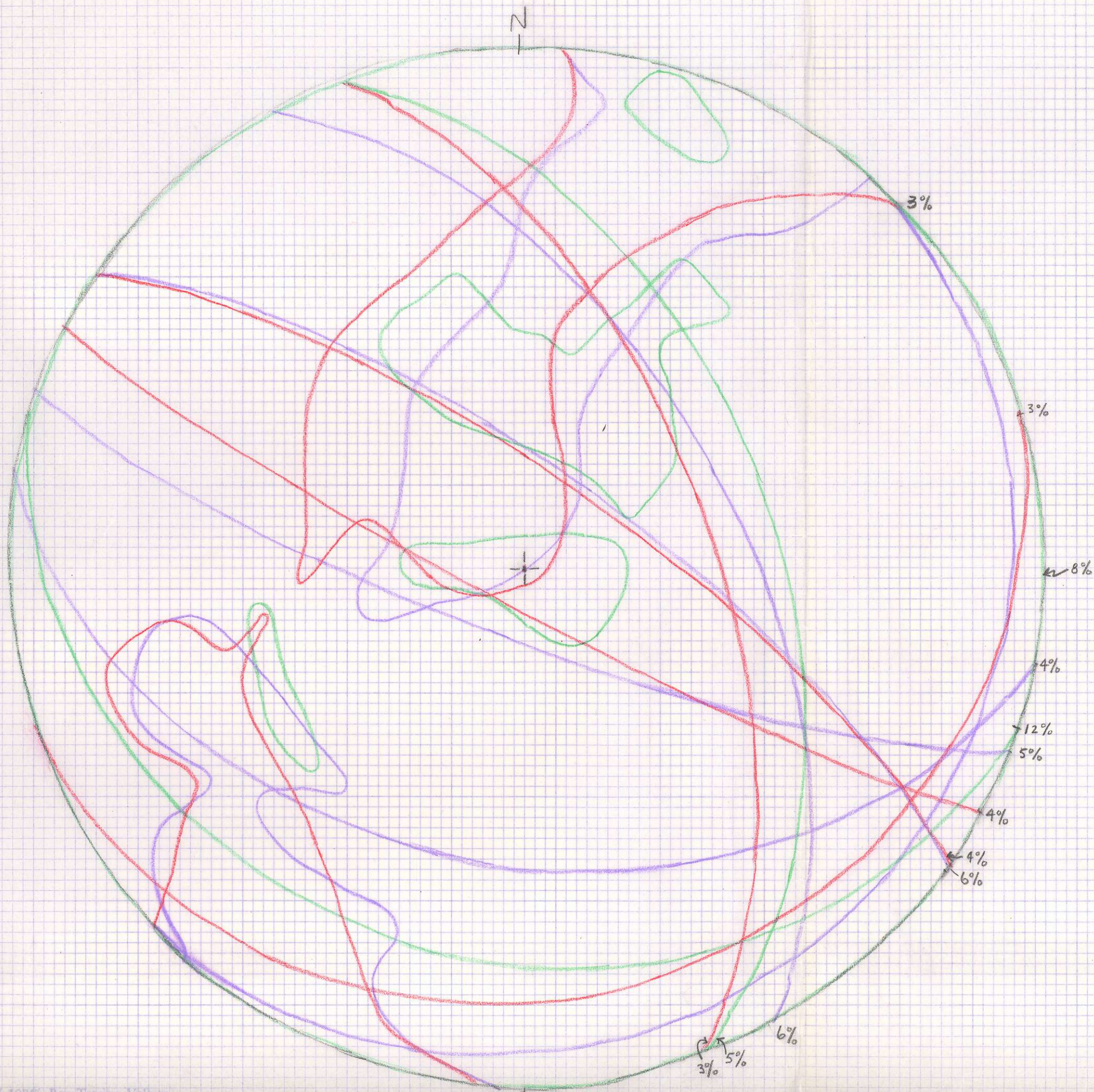
Symbols  
 — Veins  
 — Joints

2% contour — Veins — 236

2% contour — Joints — 885



Valley Copper  
DECLINE C



- Symbols
- Veins
  - Faults
  - Joints