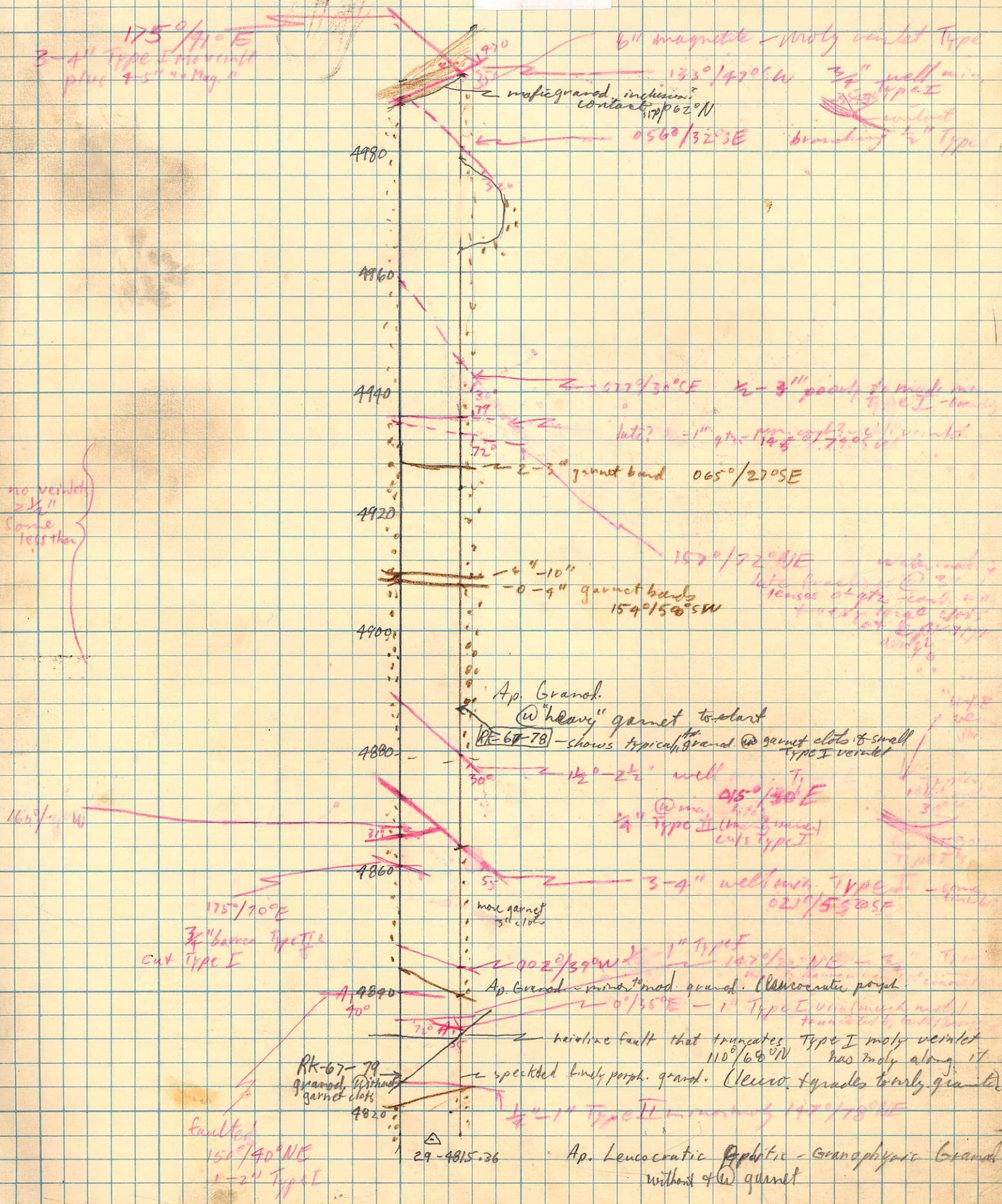


802532

# YORKE-HARDY

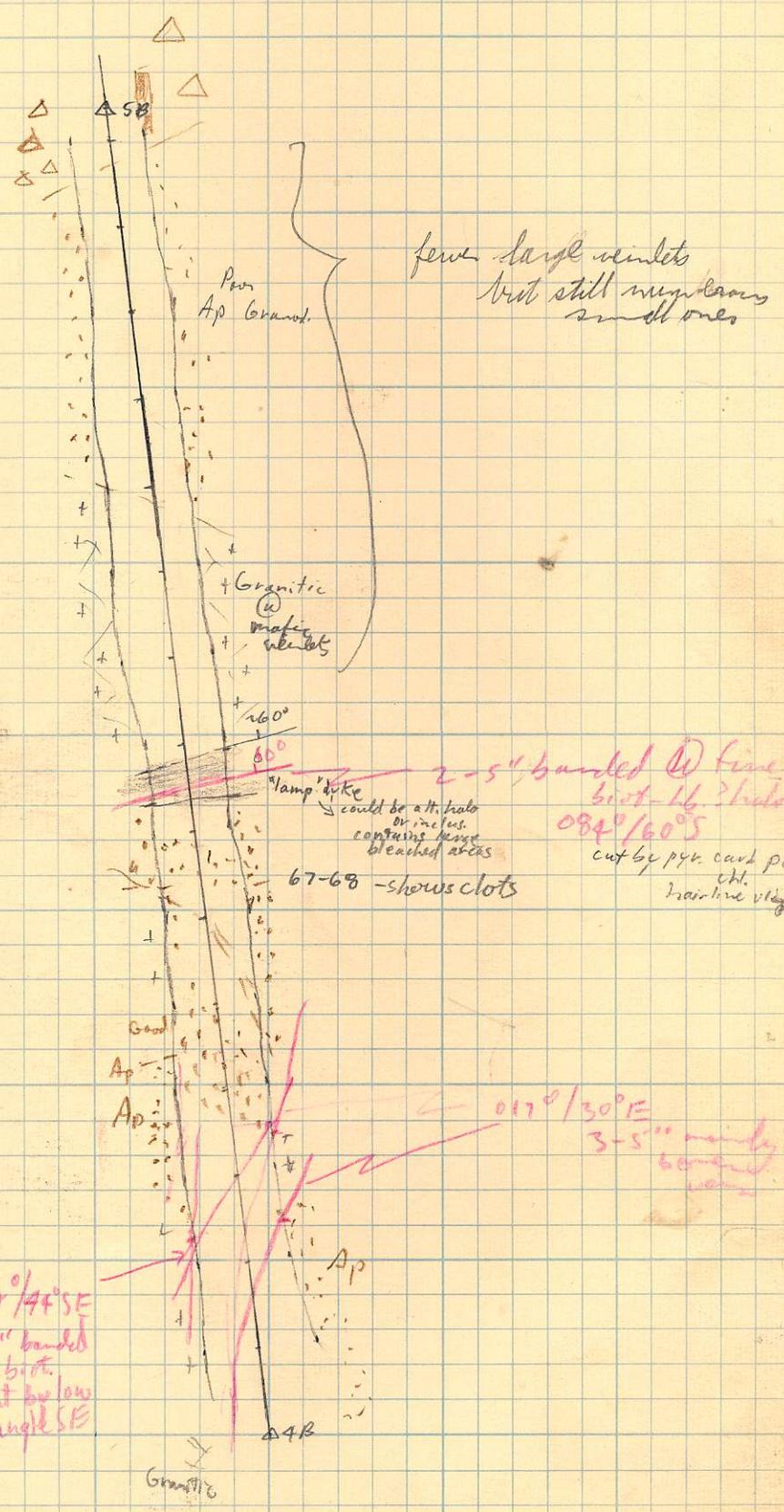












few large xenoliths  
but still many small ones

Poor  
Ap Granod.

Granitic  
(w)  
mafic  
xenoliths

160°

80°

"lamp" dike  
could be a th. halo  
or inclusions  
containing large  
bleached areas

2-5" banded @ fine  
biot - 16. ? halo

084°/60°S

cut by pyx. carb. po  
cht.  
trace line v. d.

67-68 - shows clots

Gneiss

Ap

Ap

017°/30°E

3-5" mainly  
60°

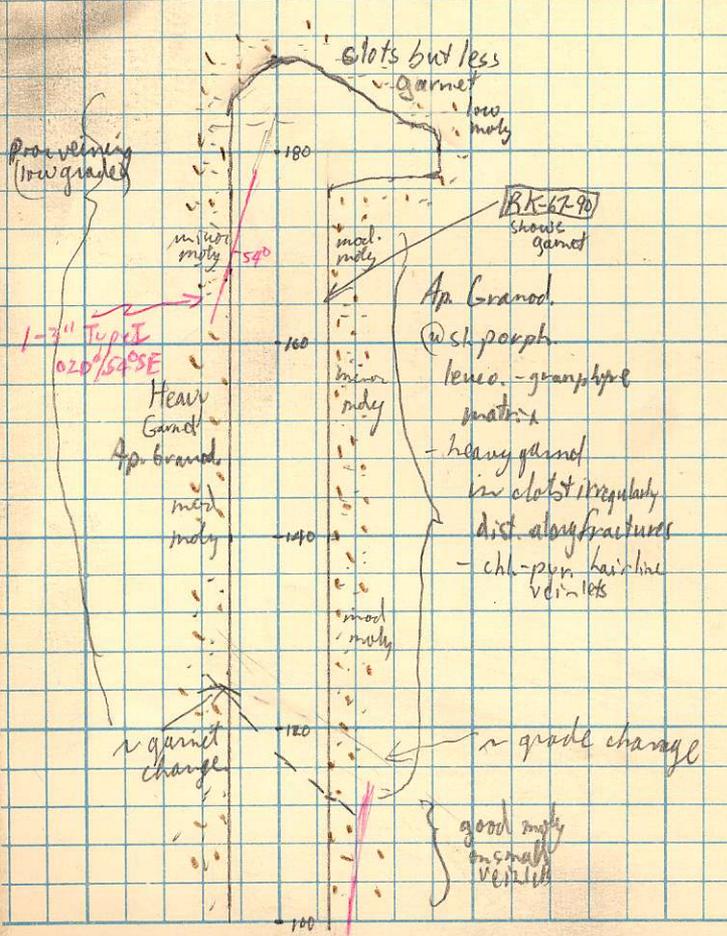
034°/44°SE

1" banded  
@ biot.  
cut by low  
angle SE

44R

Granitic

4-10



clots but less

garnet low moly

180

mod. moly

BK-67-90 shows garnet

Ap. Granod.

with porph.

leuco. - granophyl matrix

heavy garnet in clots irregularly dist. along fractures - chl-pyr hairline veinlets

160

mod. moly

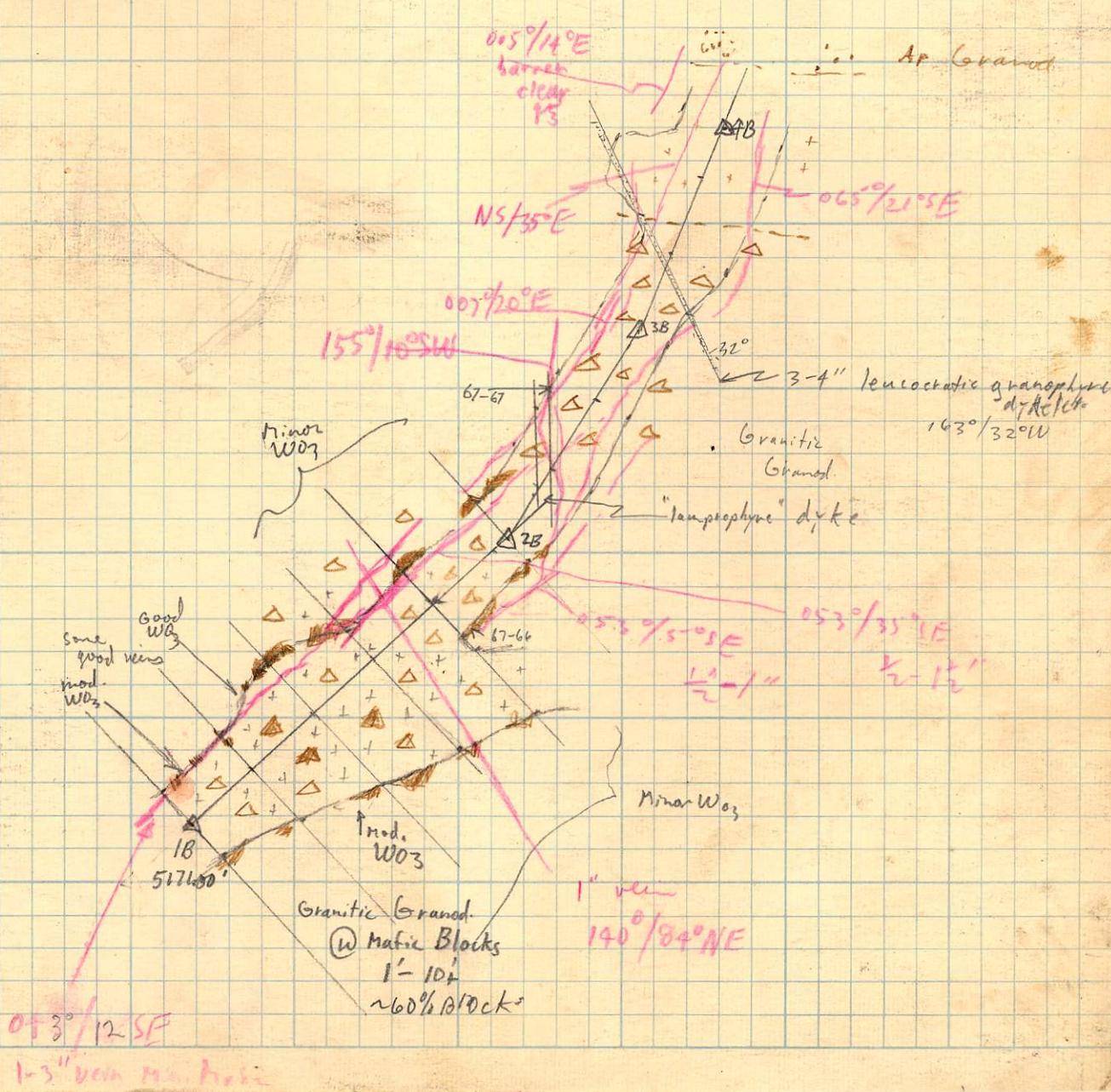
140

mod. moly

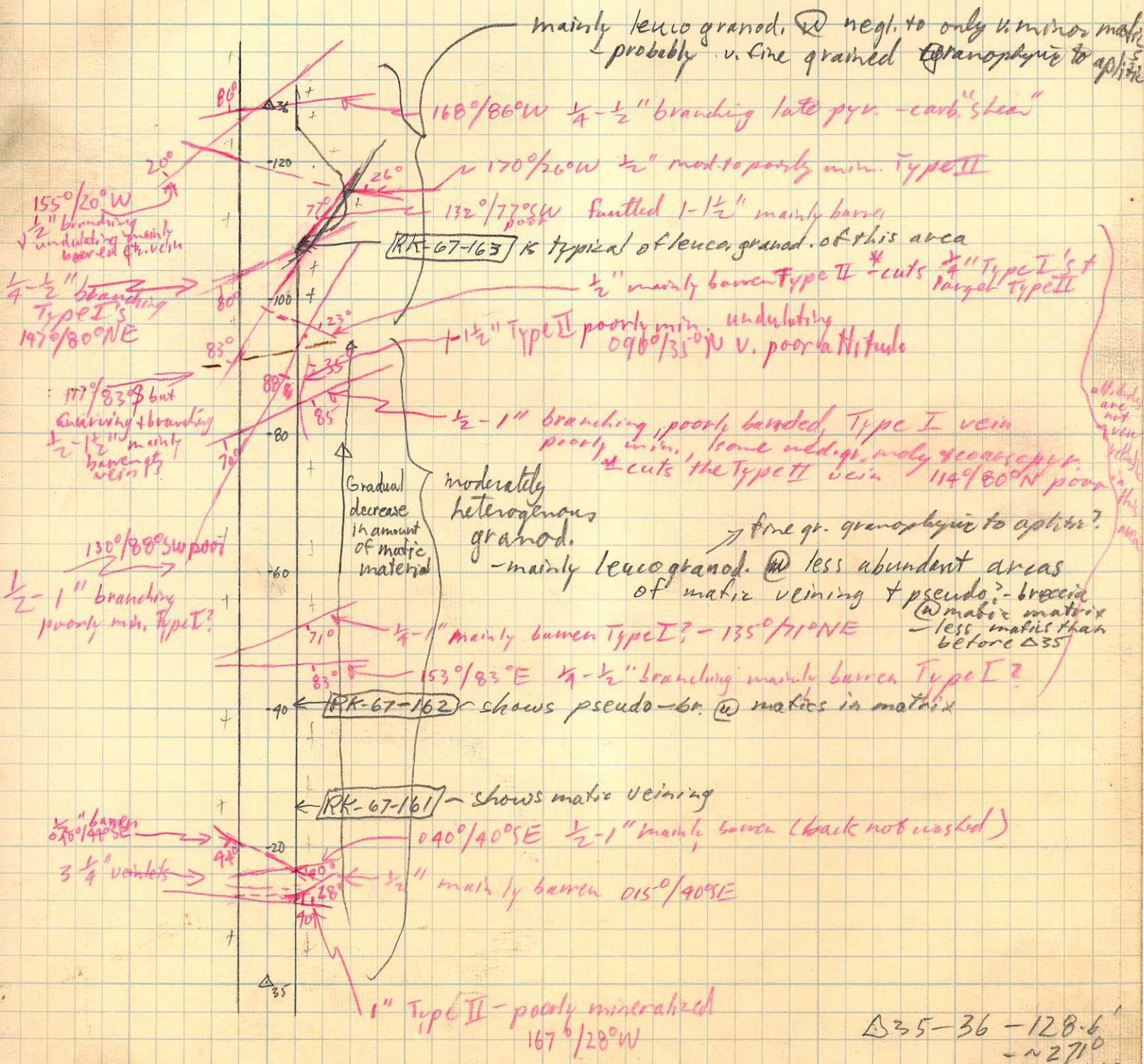
120

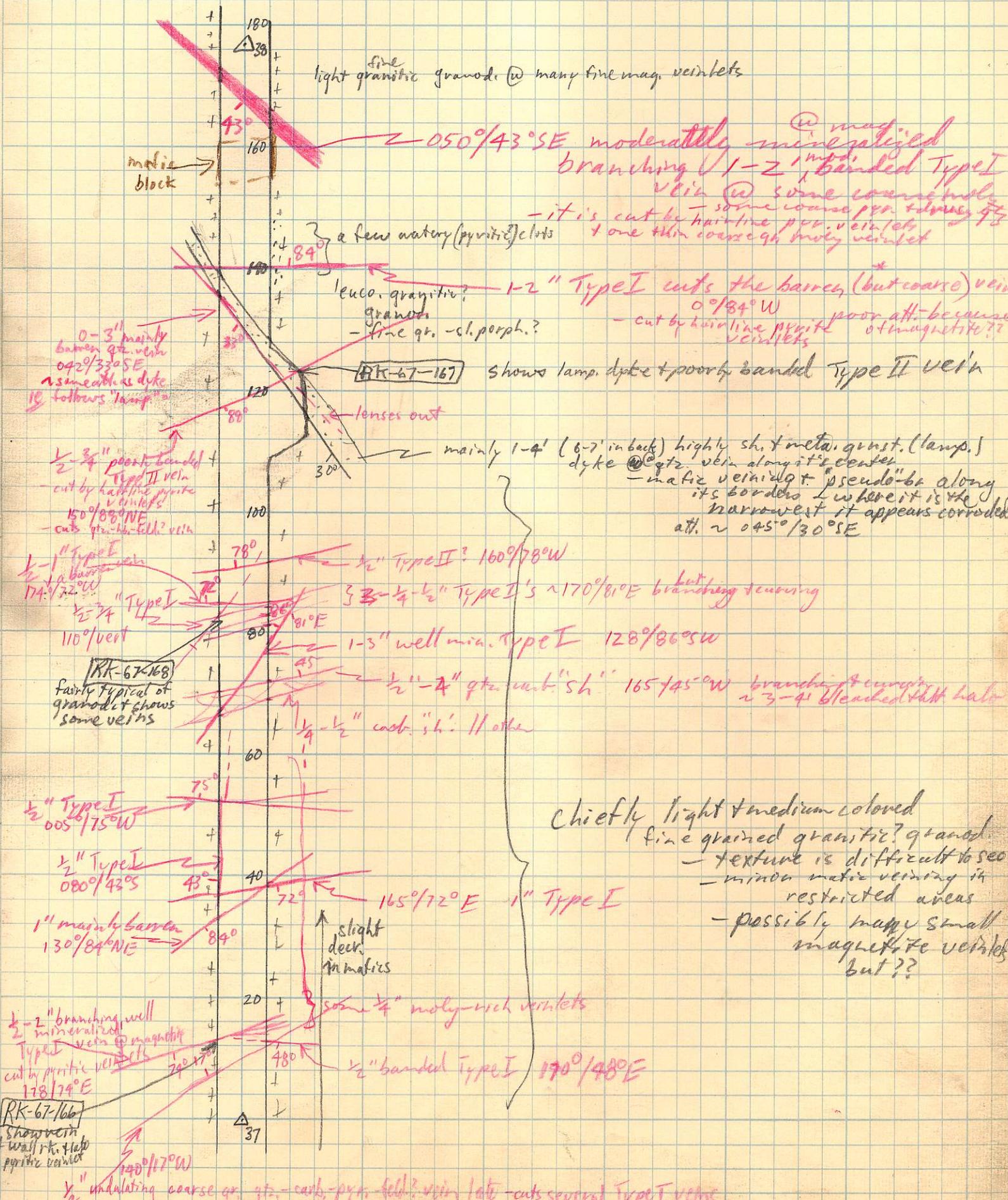
100





043°  
034°  
022°





light fine granod. @ many fine mag. veinlets

050/43 SE moderately mineralized branching 1-2' imbr. banded Type I vein @ some coarse mag. - it is cut by hairline pyritic veinlets + one thin coarse qtz. mag. veinlet

matric block

a few warty (pyritic) clots

leuco. granitic? - fine gr. - cl. porph.? 1-2" Type I cuts the barren (but coarse) vein 0°/84° W - cut by hairline pyritic veinlets poor att. - because of magnetite??

RK-67-167

shows lamp. dyke + poorly banded Type II vein

0-3" mainly barren qtz. vein 042°/33° SE same as this dyke follows "lamp"

lenses out

mainly 1-4' (6-7' in back) highly sh. meta. granit. (lamp.) dyke @ qtz. vein along its center - matric vein along its borders where it is the narrowest it appears corroded att. ~ 045°/30° SE

1/2-3/4" poorly banded Type II vein cut by hairline pyritic veinlets 150°/88° NE - cuts qtz. in field vein

1" Type II? 160°/78° W

1/2-1" Type I 174°/72° NE

3-1/4-1/2" Type I's ~ 170°/81° E branching & curving

1/2-3/4" Type I 110°/veat

1-3" well min. Type I 128°/86° SW

RK-67-168 fairly typical of granod. & shows some veinlets

1/2"-2" qtz. cut. "sh" 165°/45° W branching & curving ~ 3-4' banded that later

1/4-1/2" cut. "sh." // other

1/2" Type I 005°/75° W

chiefly light & medium colored fine grained granitic? granod. - texture is difficult to see - minor matric veining in restricted areas - possibly many small magnetite veinlets but??

1/2" Type I 080°/43° S

1" mainly barren 130°/84° NE

165°/72° E 1" Type I

slight decr. in matrics

1/2-2" branching well mineralized Type I vein @ magnetite cut by pyritic veinlets 178°/74° E

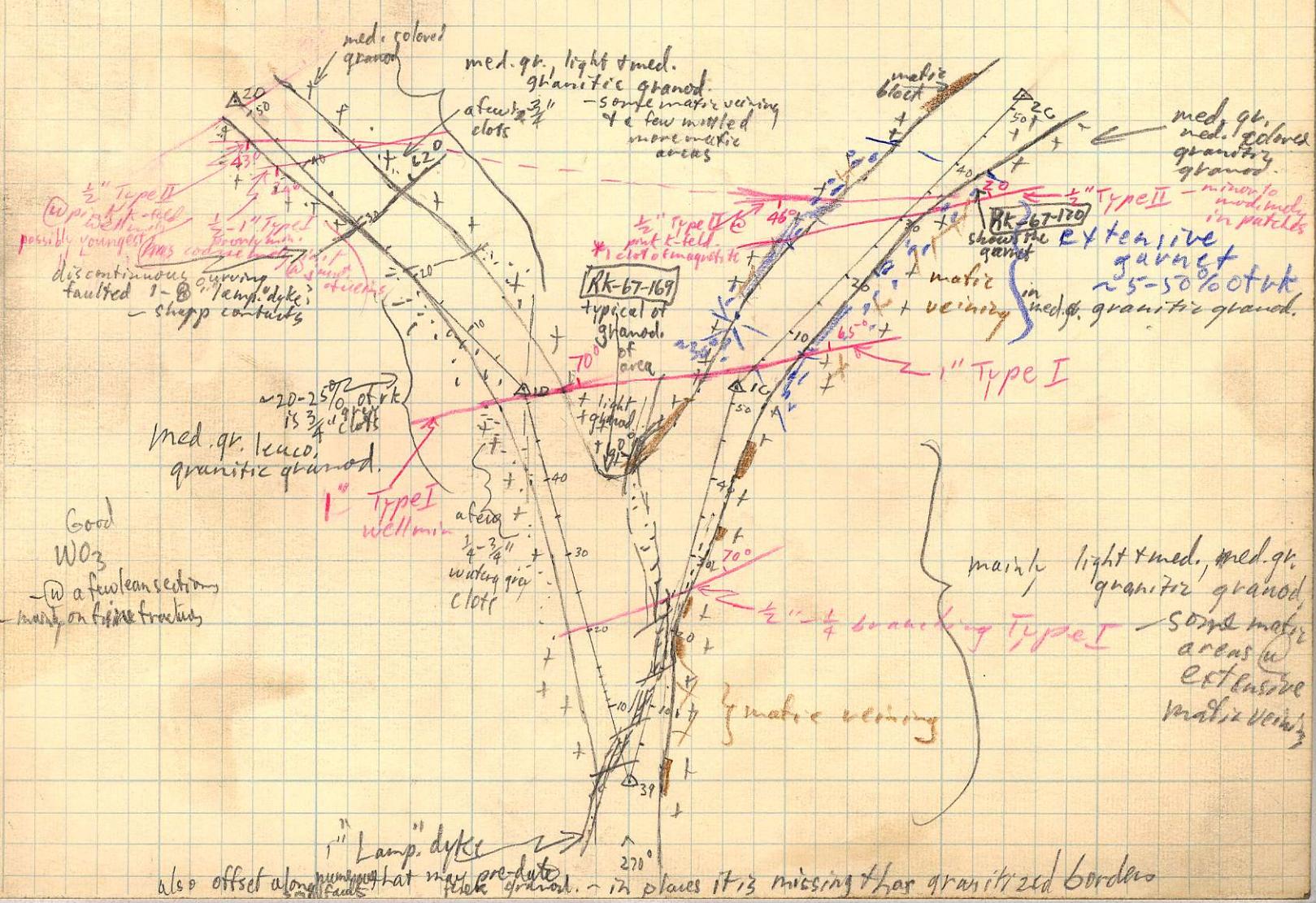
some 1/4" molybdenum rich veinlets

1/2" banded Type I 170°/48° E

RK-67-166 shows vein & wall r. & l. pyritic veinlet

140°/17° W

1/2" undulating coarse gr. qtz. - carb. - pyr. - field? vein late - cuts several Type I veins



med. colored granod.

med. gr. light & med. granitic granod. - some matrix veining of a few mottled more matrix areas

med. gr. med. colored granitic granod.

1/2" Type II  
 possibly youngest  
 discontinuous  
 faulted 1-8" chp. dyke  
 - sharp contacts

RK-67-169  
 typical of granod. of area

RK-67-170  
 shows the garnet

1/2" Type II - minor to mod. body in parcels  
 extensive garnet ~5-50% of vol  
 in med. gr. granitic granod.

~20-25% of rk is 3/4" clots  
 med. gr. leuco. granitic granod.

1" Type I well min

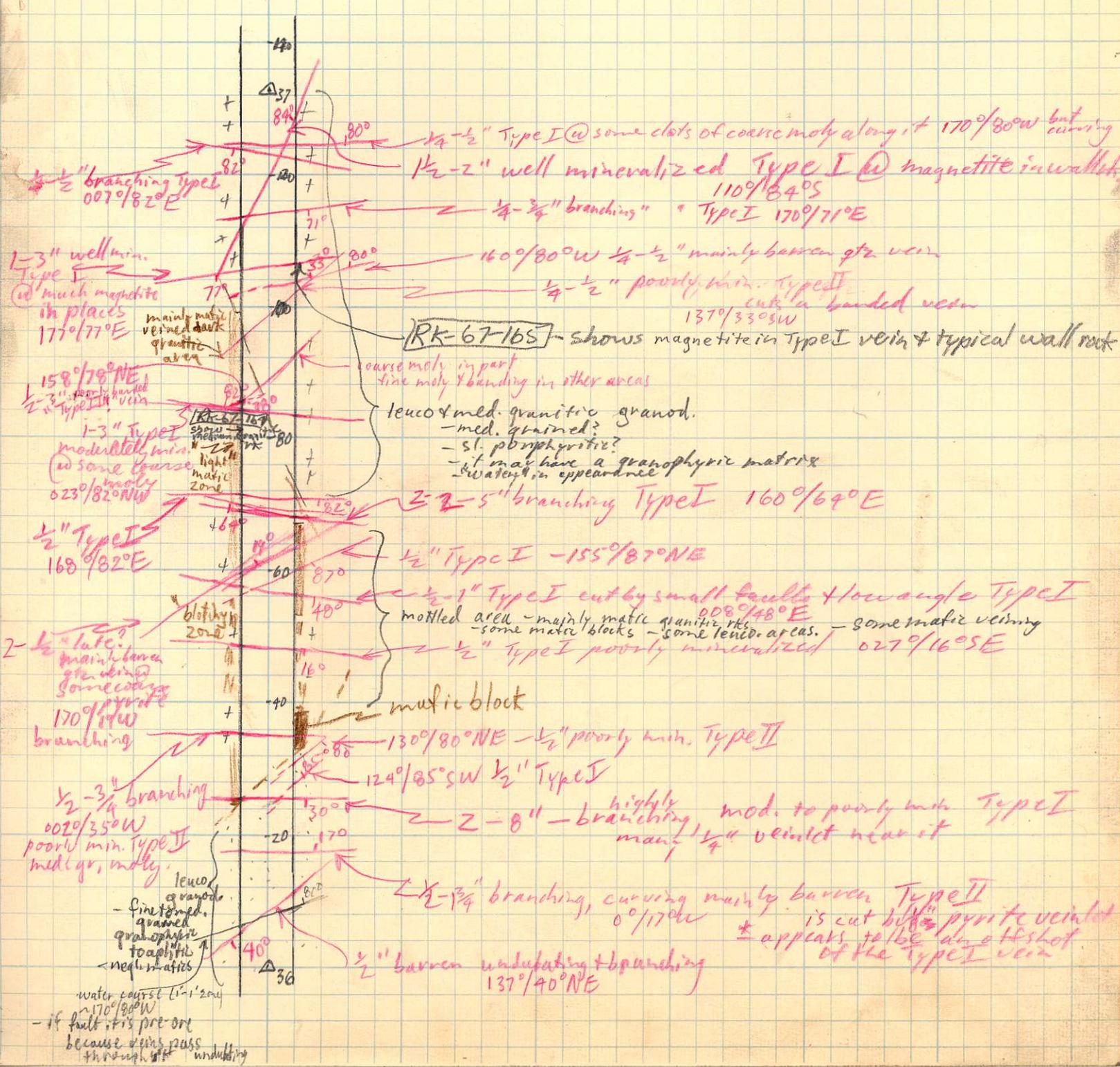
afew 1/4" water qtz clott

mainly light & med. med. gr. granitic granod. - some matrix areas w/ extensive matrix veining

matrix veining

1" Lamp. dyke  
 also offset along numerous faults that may pre-date rock granod. - in places it is missing that granitized borders

Good WO3 @ a few lean sections - many on fine fractures



1/2-3/4" branching Type I  
007°/82°E

1-3" well min. Type I  
177°/77°E  
mainly mag. veined dark granitic area

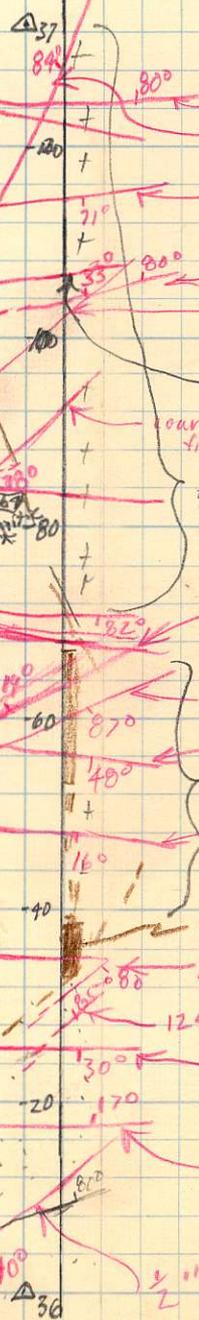
158°/78°NE  
1/2-3/4" poorly banded Type I  
1-3" Type I moderately min. in some coarse mag. zone  
023°/82°NW

1/2" Type I  
168°/82°E

2-1/2" late. main. bar. some coarse pyrite  
170°/10°W branching

1/2-3/4" branching  
002°/35°W  
poorly min. Type II  
med. gr. moly.

leuco granod. - fine med. granod. granophytic to aplitic - neg. matric  
water course line 200' ~ 170°/80°W - if fault it's pre-ore because veins pass through undulating



1/2-2" well mineralized Type I @ magnetite in wall rock  
110°/84°S  
1/4-3/4" branching Type I 170°/71°E

160°/80°W 1/4-1/2" mainly barren qtz vein  
1/4-1/2" poorly banded Type II  
cut in banded vein  
137°/33°SW

**RK-67-165** - shows magnetite in Type I vein & typical wall rock

coarse moly in part fine moly & banding in other areas  
leuco & med. granitic granod.  
- med. grained?  
- sl. porphyritic?  
- it may have a granophytic matrix  
- water in appearance

2-2-5" branching Type I 160°/69°E

1/2" Type I - 155°/87°NE

1/2" Type I cut by small faults & low angle Type I  
mottled area - mainly matric granitic rts. - some matric veining  
008°/48°E - some leuc. areas.  
1/2" Type I poorly mineralized 027°/16°SE

matric block

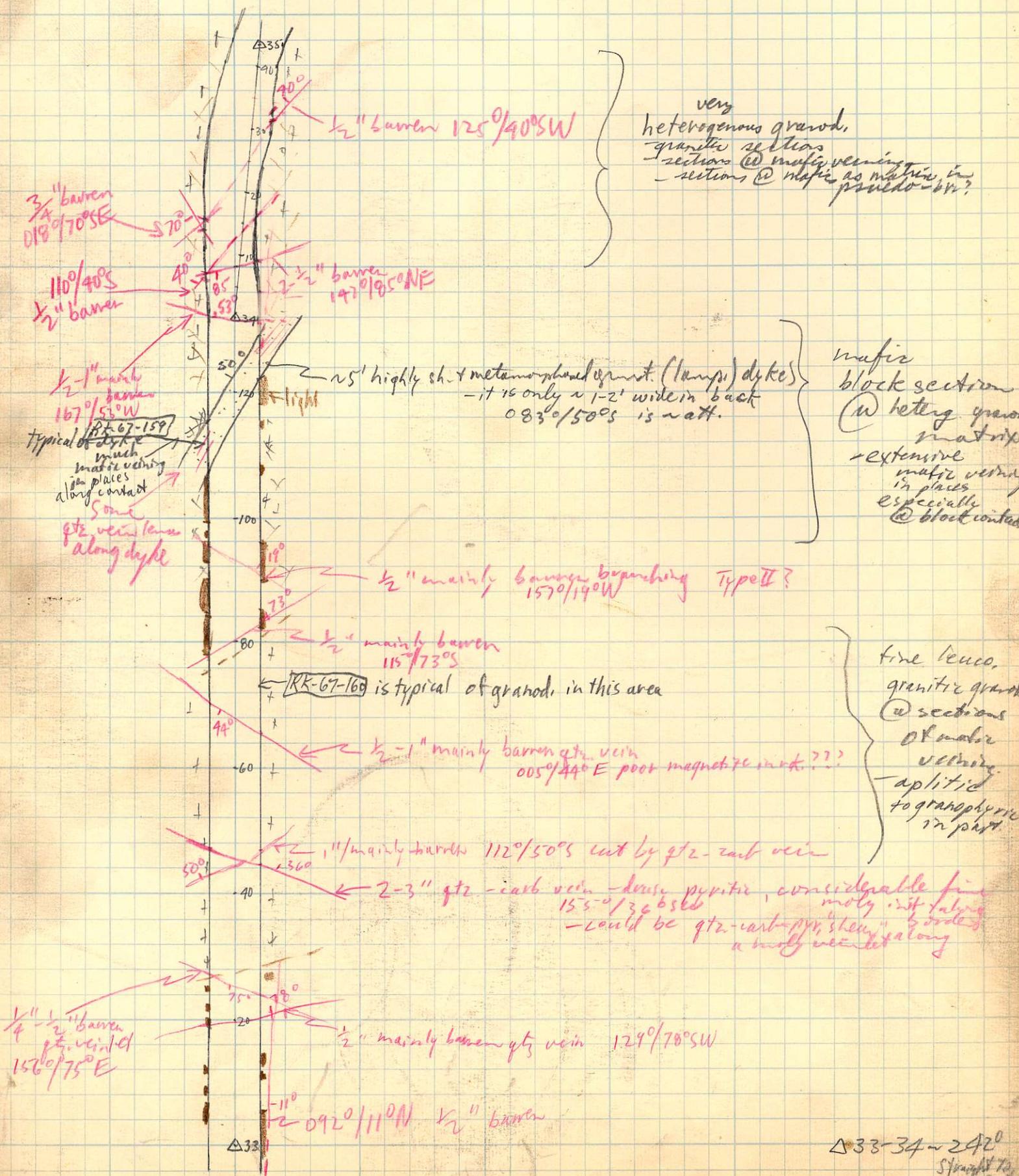
130°/80°NE - 1/2" poorly min. Type II

124°/85°SW 1/2" Type I

2-8" - branching mod. to poorly min. Type I  
many 1/4" veinlets near it

1/2-3/4" branching, curving mainly barren Type II  
0°/17°W  
is cut by pyrite veinlets & appears to be a shot of the Type I vein

1/2" barren undulating & branching  
137°/40°NE



very  
heterogenous granod.  
- granitic sections  
- sections @ mafic veining  
- sections @ mafic pseudo-  
- ?

mafic  
block section  
@ hetero granod  
matrix  
- extensive  
mafic veining  
in places  
especially  
@ block contact

fine leuco.  
granitic granod.  
@ sections  
of mafic  
veining  
- aplitic  
to granophyric  
in part

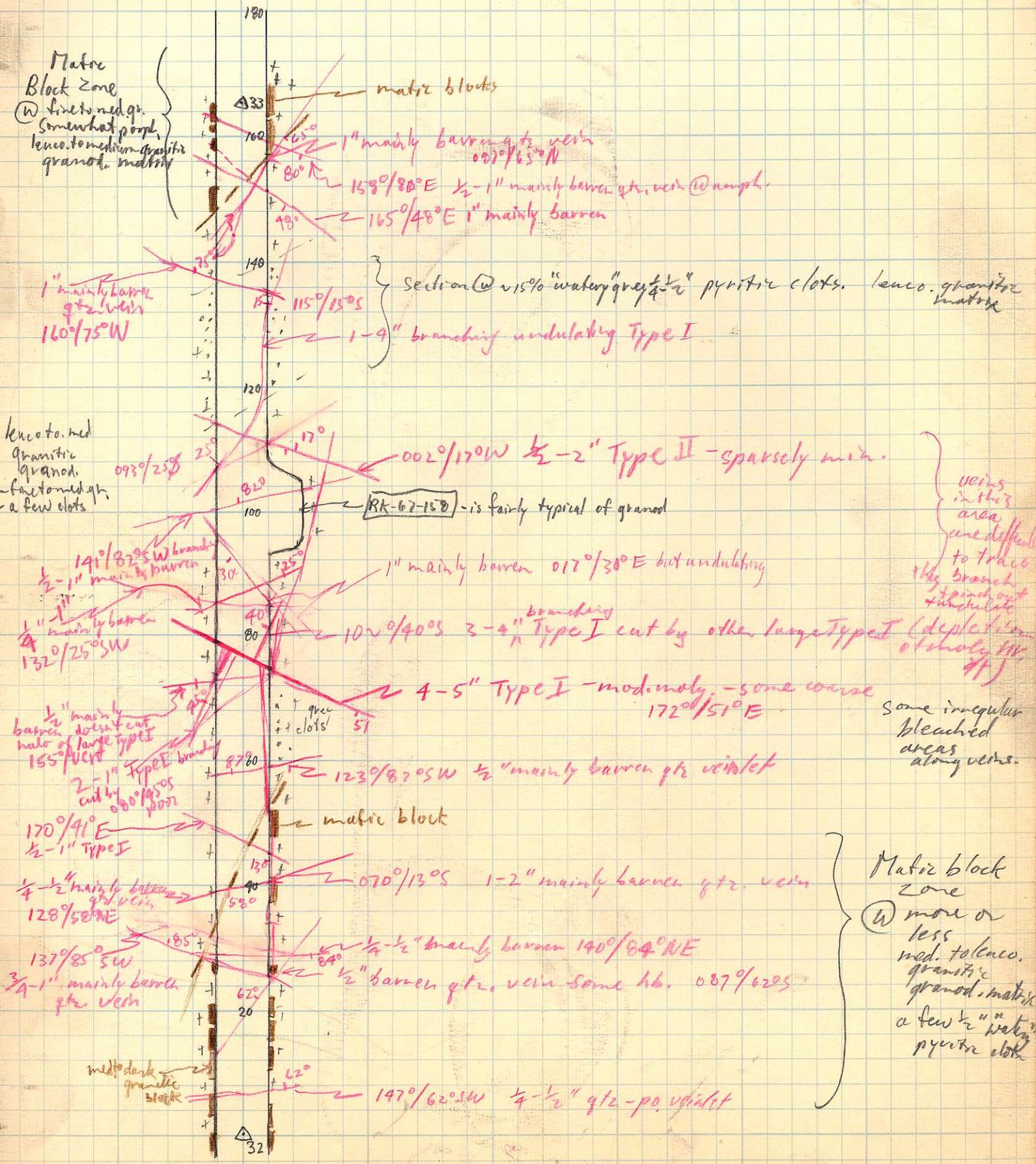


Δ33

Δ33-34 ~ 242°  
Straight to post

Δ34-35 ~ 247°

Matrix Block Zone  
 (W) fine to med. gr.  
 Somewhat poppl.  
 leuco. to medium granitic  
 granod. matrix



matrix blocks

1" mainly barren gtz vein  
 082°/65°N

158°/80°E 1/2-1" mainly barren gtz vein @ angle

165°/48°E 1" mainly barren

1" mainly barren  
 gtz veins  
 160°/75°W

section @ 15% "watery" grey 1/4-1/2" pyritic clots, leuco. granitic matrix

1-9" branching undulating Type I

leuco. to med  
 granitic  
 granod.  
 - fine to med. gr.  
 - a few clots

093°/23°S

002°/17°W 1/2-2" Type II - sparsely min.

RK-67-150 - is fairly typical of granod

veins in this area are different to those they branch out + undulate (dep. of matrix etc)

1/2-1" mainly barren  
 141°/87°SW branch

1" mainly barren 012°/30°E but undulating

1/4" mainly barren  
 132°/25°SW

102°/40°S 3-4" branching Type I cut by other large types (dep. of matrix etc)

4-5" Type I - mod. min. - some coarse  
 172°/51°E

some irregular bleached areas along veins.

1/2" mainly barren  
 155°/11°E  
 2-1" Type I branching cut by 080°/45°S 2002

123°/87°SW 1/2" mainly barren gtz vein at

170°/41°E  
 1/2-1" Type I

matrix block

1/4-1/2" mainly barren gtz veins  
 128°/50°NE

070°/13°S 1-2" mainly barren gtz vein

Matrix block zone  
 (W) more or less med. to leuco. granitic granod. matrix a few 1/2" "watery" pyritic clots

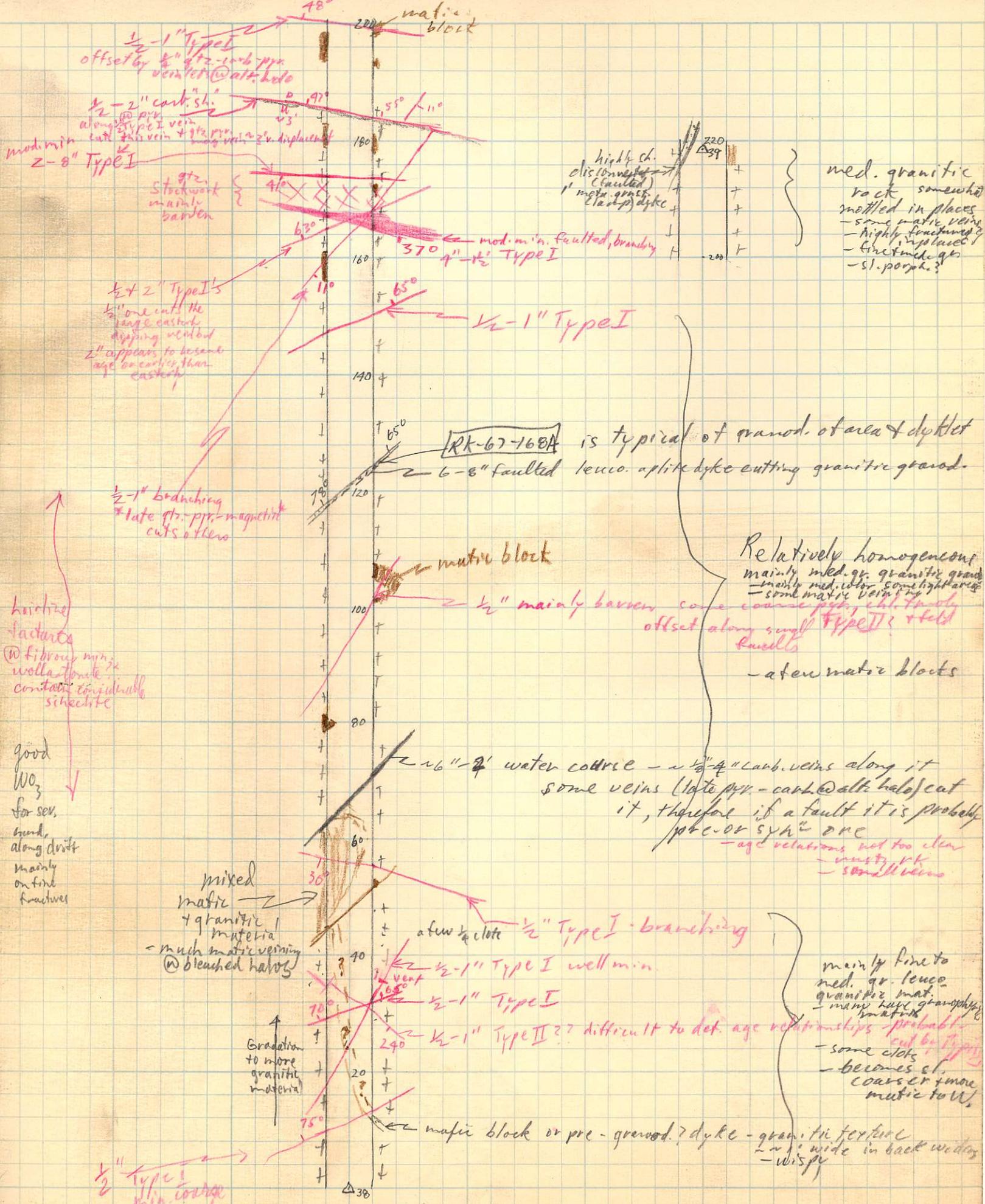
137°/85°SW  
 3/4-1" mainly barren gtz vein

1/4-1/2" mainly barren 140°/84°NE  
 1/2" barren gtz vein some hb. 087°/62°S

med. dark granitic block

147°/62°SW 1/4-1/2" gtz - po. vein at

32



med. granitic rock somewhat mottled in places - some matric veins - highly fractured? - fine scale gr. - sl. porph.?

Relatively homogeneous mainly med. gr. granitic ground - mainly med. color, some light areas - some matric veins - offset along small Type II's + fold - a few matric blocks

26"-7' water course - 1/2" Carb. veins along it some veins (late ppx - carb @ alk halo) cut it, therefore if a fault it is probably pre- or syn- one - age relations not too clear - mostly ppx - small veins

mainly fine to med. gr. leuc. granitic mat. - many large granophyres - some clots - becomes cl. coarser + more matric to W

No more strikes given because they are totally unreliable!

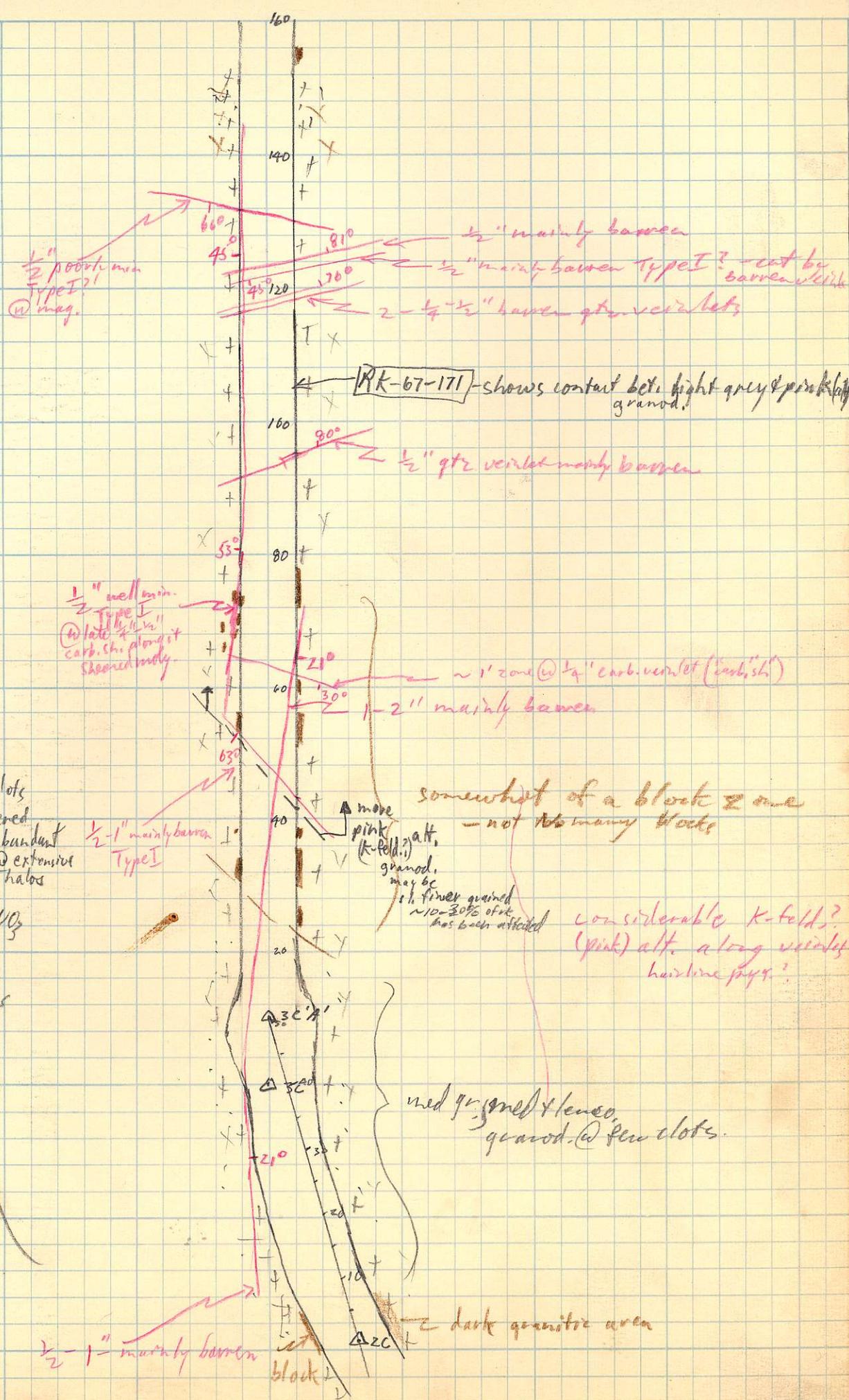
hairline fractures @ fibrous min. wolla. f. contact considerable schistite

good  $WO_3$  for sev. bands along drift mainly on fine fractures

mixed matric + granitic material - much matric veining @ bleached halos

Gradation to more granitic material

1/2" Type I min. coarse matric



med. & light, fine & med. gr. granitic granod. @ extensive matrix veining in some areas - a few scattered spots - pink? & feld? altered areas - are abundant - some hairline veinlets @ extensive watery grey, pyritic halos

mod. to fairly good  $WO_3$  throughout @ a few v. good areas & a few lean areas - thin, small veinlets



Mafic block zone w small mafic blocks 6"-1 1/2"  
 @ leuco. & med. granitic  
 blotchy granod. matrix  
 - has 15% garnet in clots  
 - mafic veins  
 - blocks comprise 30-40% of rkt.

RK-67-176 25 spec. - show vein  
 RK-67-175 - shows block-granod. contact & garnet in granod.

1/2" orth. - chl. - biot? - musc? - qtz. pyr. etc. veins  
 top poor matrix.  
 1/2" mainly barren Type I @ some coarse ppt.

moderately homogeneous med. gr. med. colored granitic granod  
 ~ 1% garnet alt.

1/2" mainly barren Type II @ some coarse biot. type & matrix  
 1/2-3/4" mainly barren Type II? @ biot.

~ 1% garnet alt.

RK-67-174 fairly typical of granod. Moderately heterogeneous granitic granod. - mainly med. to mafic colored. Some pseudo. - med. mafic veins in matrix. - a few small mafic block.

some 1/4" veinlets not mapped

1/2-2" poorly matrix Type I

1-2' poorly to med. matrix, poorly banded, branching  
 TYPE I  
 3" qtz. - mag. qtz. vein - 50% "

mafic veins w med. colored pseudo

1" - poorly matrix Type I? - minor coarse

1/2-1" lensy Type I?? @ some med. granitic & coarse ppt.

1/2-1" branching

1" lensy poorly matrix Type

poorly matrix Type I

pink alt. mafic veins

1/2-1" mainly barren

minor mafic pseudo-br. & mafic veins

granod. is pink around brot. & chl. clots

Start of more intensive veining  
 several "stockwork" type?  
 1/4" veinlets not mapped - mainly barren

leuco. alt. granitic granod.

many lensy 1/4" veinlets (mainly barren) that were not mapped

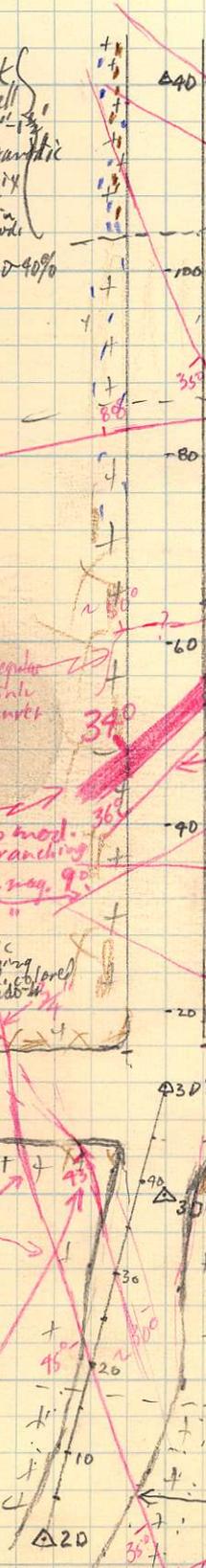
incr. in veining & alt. - granitic texture is not as well preserved

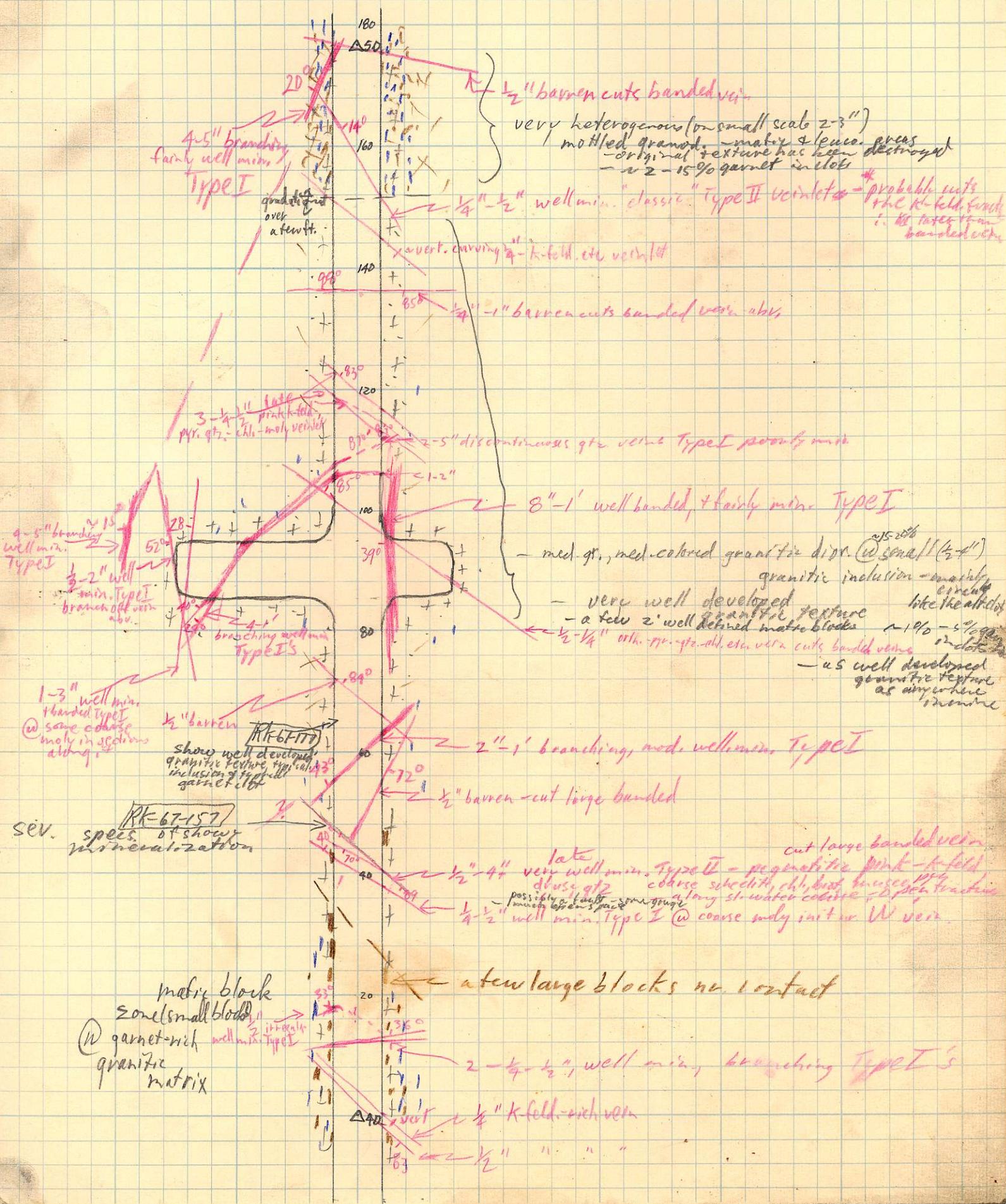
med. gr. light to med. granitic granod @ ~ 30% of grey clots.

RK-67-173 - shows typical granod. & has 1" veinlet

1/4"-1" mainly barren Type II? - coarse qtz. pyr. & K-feld. - narrows to south

43" 1/2" mainly barren qtz., pyr., cpx, chl. - ser. - mag. veinlet





4-5" branching family well min. TYPE I

1/2" barren cuts banded vein  
 very heterogeneous (on small scale 2-3")  
 mottled granod. - matrix & leuc. areas  
 - original texture has been destroyed  
 - ~ 2-15% garnet in leuc.

1/4" - 1/2" well min. "classic" Type II veinlets - # probable cuts the K-feld. matrix in the matrix is banded vein

avert. curving 1/4" - K-feld. etc veinlet

1/4" - 1" barren cuts banded vein above

3-4" late pink-tan pyr. qtz - alkali - moly. veinlet

2-5" discontinuous qtz veins Type I poorly min.

8"-1' well banded, fairly min. TYPE I

med. gr., med-colored granitic dipr. @ small (1/2-1") granitic inclusion - matrix like the alkali

very well developed granitic texture - a few 2" well defined matrix blocks - 1/2-1/4" orth. pyr. qtz. etc. vein cuts banded veins - as well developed granitic texture as anywhere in mine

4-5" branching well min. TYPE I  
 1/2-2" well min. TYPE I branch off vein above

4"-1' branching well min. TYPE I's

1-3" well min. banded TYPE I @ same course moly in sections along

1/2" barren  
 RK-67-177  
 show well developed granitic texture typical inclusion of feldspar garnet etc

2"-1' branching, mod. well min. TYPE I

1/2" barren - cut large banded

sev. specs. of showy mineralization  
 RK-67-157

1/2"-4" late very well min. Type II - pegmatitic pink - K-feld coarse schistite, chl, biot, muscov. etc. along st. water course - a few branching possibly a fault - some gouge mainly barren space  
 1/4"-1/2" well min. TYPE I @ coarse only in it or W vein

cut large banded vein

a few large blocks no contact

matrix block  
 some small blocks  
 @ garnet-rich granitic matrix

2-4-1/2", well min., branching TYPE I's

1/4" K-feld-rich vein

1/2" " " "



heterogeneous mafic + light granod. block zone at least in part  
 - med. gr. granitic granod. matrix  
 - mottled on large scale  
 - mafic veining

block zone

moderately homog. med. light colored, highly fractured med. gr. granitic granod.

1" poorly min. Type I probably epitaxial from large vein

PK-67-179

large piece of high grade vein material

1-2' very well min. Type I vein probably as good as any vein in the mine it is cut by some 1/2" high poorly min. veins @ W

2-4" branching, mod. min. Type I - branch of main vein

small branch veins of large vein above

mod. min. 2-4" highly branching Type I?

1-3" branching mod. min. Type I

1-3" carb. sh. along well-min. 1" Type I

1/2" poorly min. Type I - cuts low angle bedded vein

1/2" v. well-min. Type I

4-5" Type I - fairly well min.

1-3" well-min. branching Type I

heterog. quartz-rich granitic, all mafic thgt paths, mottled on small side - possibly a braccia

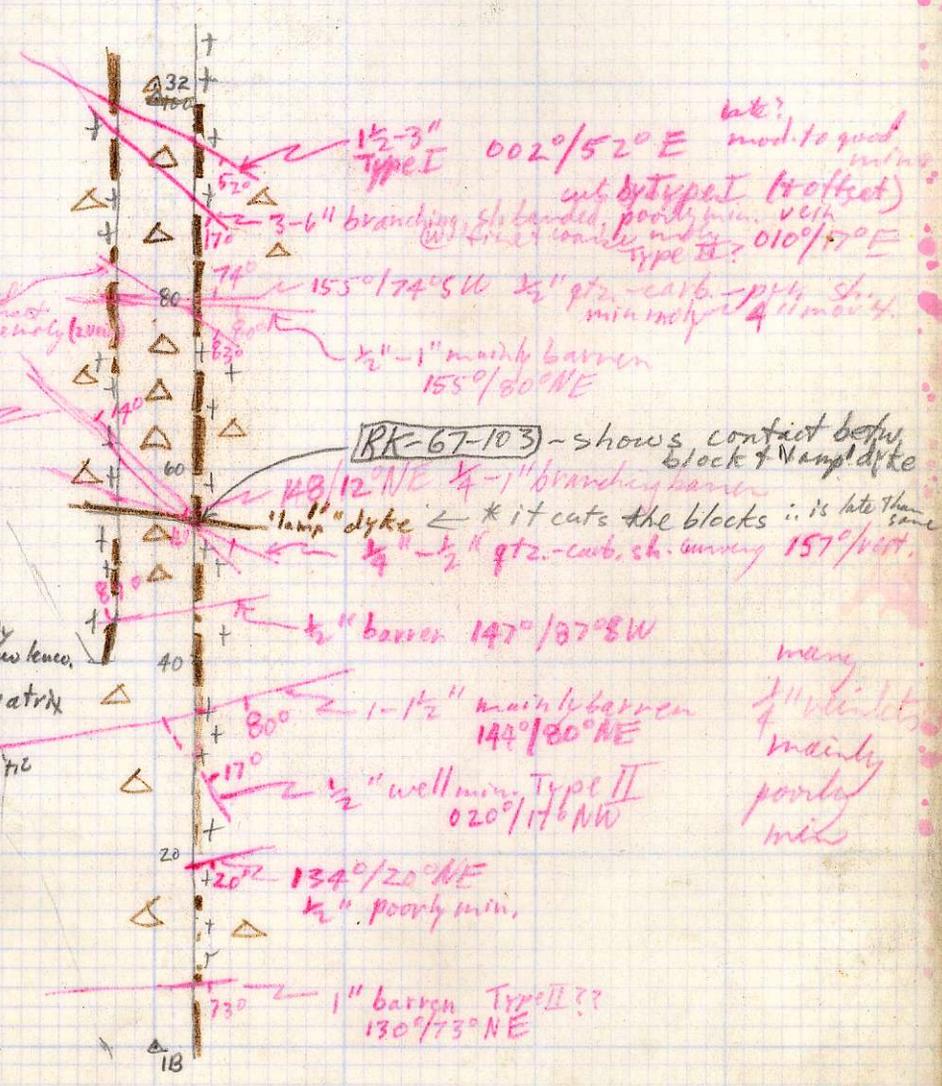
PK-67-178



**Block Zone**  
Mainly large blocks

~3-15'  
- most of blocks are matrix  
- granitic  
- probably horn. volc.

Good only medium (a few lens. areas) granitic matrix - probably sl. porphyritic



many 1/4" - 1/2" mainly poorly min.

Main Drift  
Δ10-232 ~100.1'  
Sept 9/67

~ anoxg'