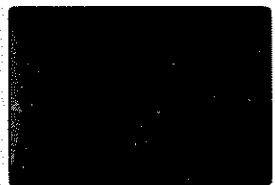


APOLLO 15

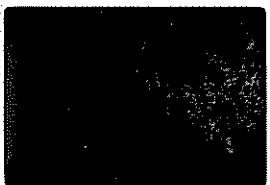
Station 6A:
15405

3,7 NOV 71P8
15405,3 0.6



Repl.?, intergr.? fields
in "amorphite" clast

4,7 NOV 71P8
15405,3 0.6



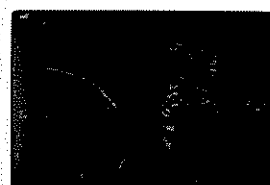
Same as 3 UXR

5,7 NOV 71P8
15405,3 0.9



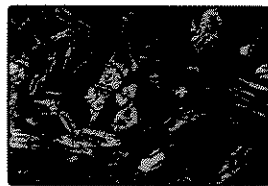
Partly melted colorless
vesic. fields of qtz-felds
intergr.

6,7 NOV 71P8
15405,3 0.9



Same as 5 UXR

5,14 NOV 71P8
15405,10 0.9



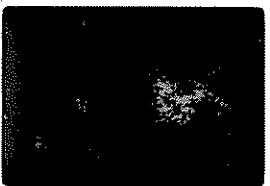
Vesic. clast - skeletal of
in vesic. of pc - etc

6,14 NOV 71P8
15405,10 0.9



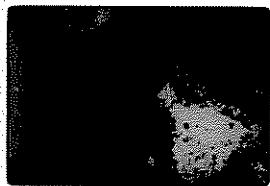
Same as 5 UXR

35,6 NOV 71P8
15405,11 8.2



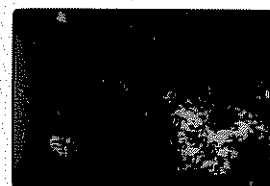
Same as 34 UXR

36,6 NOV 71P8
15405,11 6.6



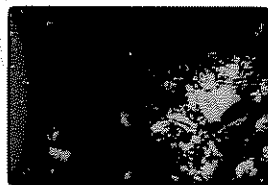
Crushed gabbro strongly
out

37,6 NOV 71P8
15405,11 6.6



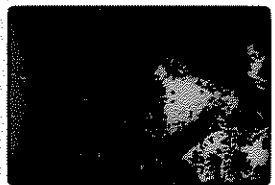
Same as 36 UXR

38,6 NOV 71P8
15405,11 3.4



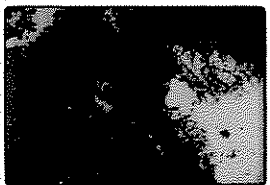
Crushed gabbro, strongly
out UXR

34,6 NOV 71P8
15405,11 8.2



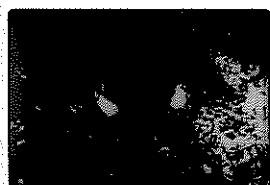
Crushed gabbro, strongly
out

1,7 NOV 71P8
15405,11 3.4



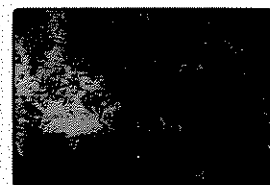
Crushed, stretched gabbro
as in 6-35 to 37

2,7 NOV 71P8
15405,11 3.4



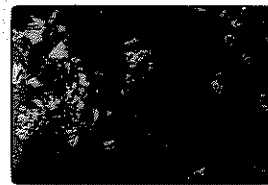
Same as 1 UXR

32,6 NOV 71P8
15405,12 3.4



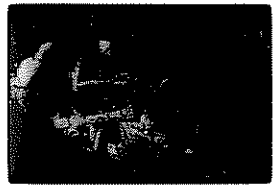
Shocked gabbro - inorganic
+ int. in pc, lam. in pc
can't tell what brown is

33,6 NOV 71P8
15405,12 3.4



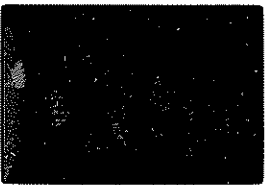
Same as 32 UXR

8,7 NOV 71P8
15405,13 3.4



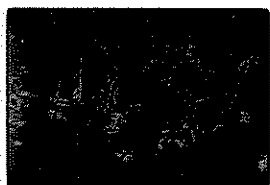
Same as 7, UXR

7,7 NOV 71P8
15405,13 3.4



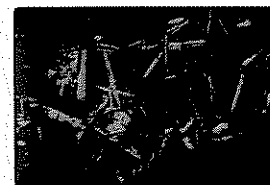
Suboph. bas. w. opx cores
in cpx jackets. Inters. to
vesic. brown glass

9,7 NOV 71P8
15405,13 3.4



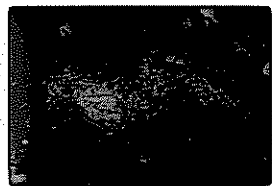
Ophit. - intersert. basalt
opx cores, cpx jacket

10,7 NOV 71P8
15405,13 3.4



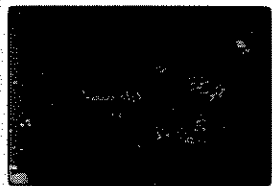
Same as 9, UXR

11,7 NOV 71 P8
15405,13 2.7



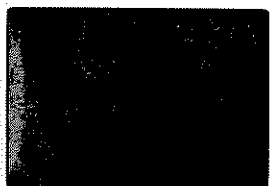
Crushed cpx fields etc -
odd fields intergrs.

12,7 NOV 71 P8
15405,13 2.7



Same as 11, UCN

13,7 NOV 71 P8
15405,13 0.9



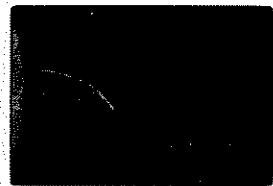
Same as 11, clones

14,7 NOV 71 P8
15405,13 0.9



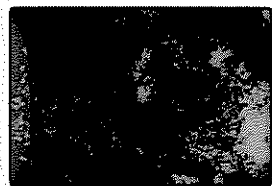
Same as 13 UCN

15,7 NOV 71 P8
15405,13 0.9



Repl? - intergr? 2 fields

17,7 NOV 71 P8
15405,13 3.4



Crushed gabbro - don't
know what clastic breccia
clasts

16,7 NOV 71 P8
15405,13 0.9



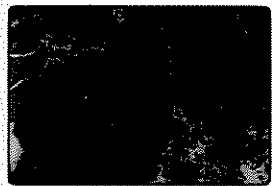
Same as 15, UCN

18,7 NOV 71 P8
15405,13 3.4



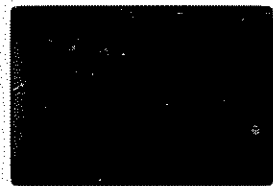
Same as 17 UCN

6,6 NOV 71 P8
15405,14 2.7



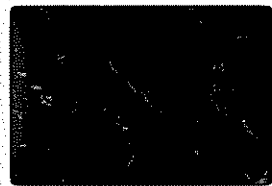
'Vennid' variolite clast.
Relic pl or porphyroclastic
pl in variolite

7,6 NOV 71 P8
15405,14 2.7



Same as 6 UCN

8,6 NOV 71 P8
15405,14 2.7



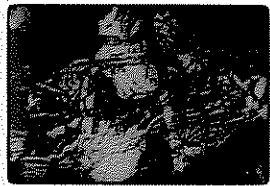
Variolite clast

9,6 NOV 71 P8
15405,14 2.7



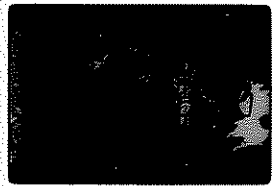
Same as 8 UCN

10,6 NOV 71 P8
15405,14 2.2



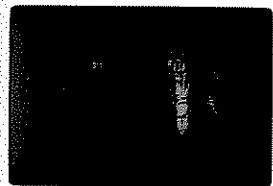
C4 clast - cpx cores in
cpx, amphibole

16,6 NOV 71 P8
15405,14 0.9



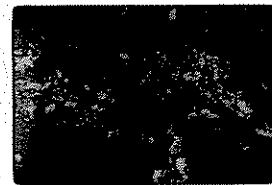
Coarse Variolite

17,6 NOV 71 P8
15405,14 0.9



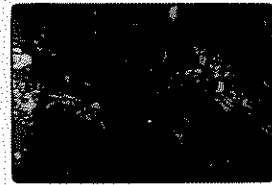
Same as 16, UCN
Relic cpx??

18,6 NOV 71 P8
15405,14 3.4



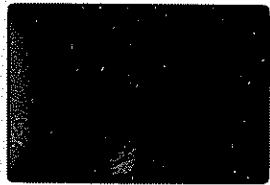
Cataclastic basalt - squashed
in matrix

19,6 NOV 71 P8
15405,14 3.4



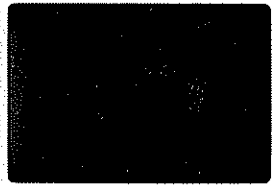
Same as 15 UCN

11,6 NOV 71 P8
15405,14 2.2



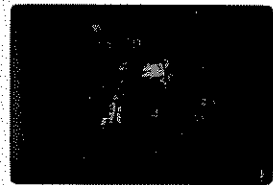
Same as 10 UCN

12,6 NOV 71 P8
15405,14 0.7



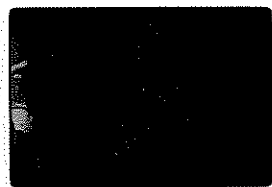
Metabasalt - Oliv?

13,6 NOV 71 P8
15405,14 0.7



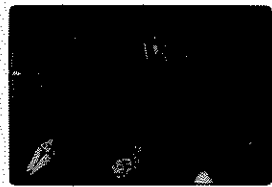
Same as 12 UCN

14,6 NOV 71 P3
15405,14 0.7



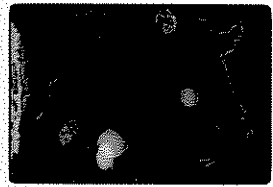
Interstitial basalt w/
vesic brown glass

15,6 NOV 71 P3
15405,14 0.7



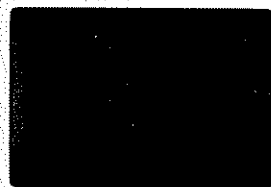
Same as 14 UxN

25,6 NOV 71 P3
15405,14 0.9



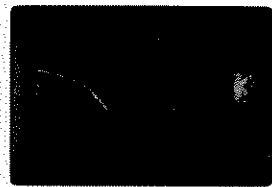
Repeat 24

26,6 NOV 71 P3
15405,14 0.6



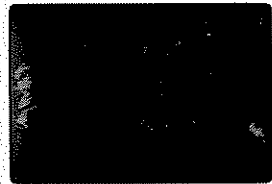
Qtz-K spar?? partly?
melted?? Feldspar interst

27,6 NOV 71 P3
15405,14 0.6



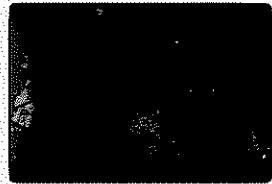
Same as 26 UxN

28,6 NOV 71 P3
15405,14 0.7



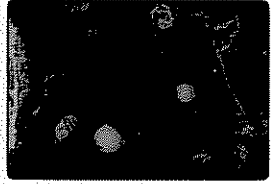
Old Feldspar interstices? in
gabbro? stripes brown
brown RE. Px broken down

29,6 NOV 71 P3
15405,14 0.7



Same as 28 UxN

24,6 NOV 71 P3
15405,14 0.9



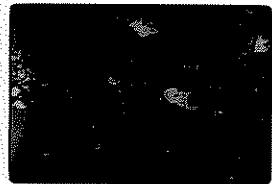
Same as 23 UxN - matrix
vesicles in thin plates only

28,6 NOV 71 P3
15405,14 0.9



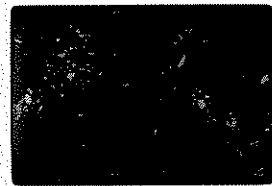
Vermicular clast + spherulitic
patches in matrix - note
similarity

22,6 NOV 71 P3
15405,14 0.9



Same as 20 showing vesic
glass band // crushed
basalt band

21,6 NOV 71 P3
15405,14 3.4



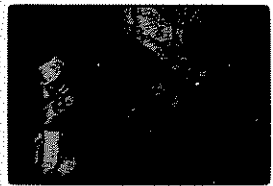
Same as 20 UxN

20,6 NOV 71 P3
15405,14 3.4



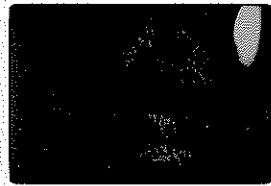
Crushed - stretched
Basalt

7,14 NOV 71 P3
15405,15 0.9



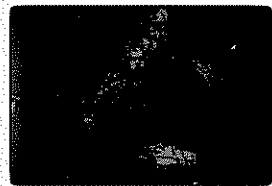
Px aggs, shock laminae? + pc
gabbro

30,6 NOV 71 P3
15405,15 2.2



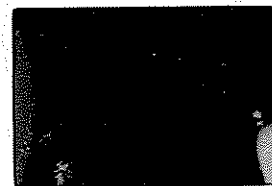
Gabbro or basalt clast,
Px gone, shock fract.
in pc

31,6 NOV 71 P3
15405,15 2.2



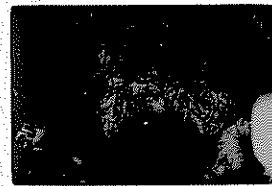
Same as 30 UxN

24,7 NOV 71 P3
15405,16 0.6



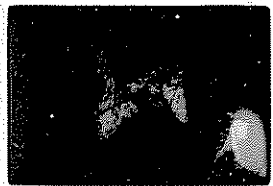
Same as 23 UxN

19,7 NOV 71 P3
15405,16 2.7



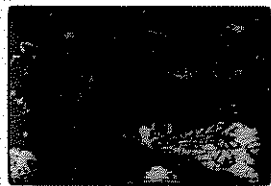
Gabbro w. pig + aug?

21,7 NOV 71 P3
15405,16 2.7



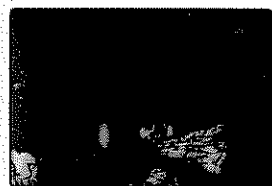
Same as 19 UxN

21,7 NOV 71 P3
15405,16 2.2



Broken down Gabbro w.
fields - interstices. Px gone

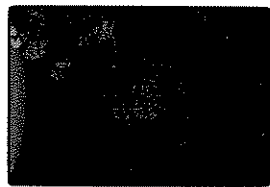
22,7 NOV 71 P3
15405,16 2.2



Same as 21 UxN, Note
3 phases - wormy fields
w. broken RE. Pdx gone
w. clear rods (Qtz?)

23, 7
15405, 16

NO 71P6
D.6

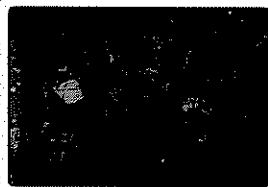


Felds - Felds or Felds - Qtz
intergrowths - Same
as 21

APOLLO 15
Station 7:
15318-15418

4, 20
15318, 6

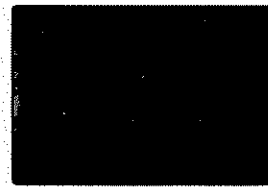
MAY 72P8
3.4



Same as 3 U&W

3, 20
15318, 6

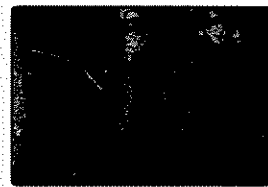
MAY 72P8
3.4



Lt. metaclastic

5, 20
15327, 8

MAY 72P8
3.4



Same as 5 U&W

5, 20
15327, 8

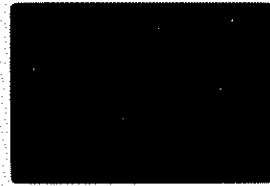
3.4



Anorthos - white clasts in
soil box

19, 19
15364, 7

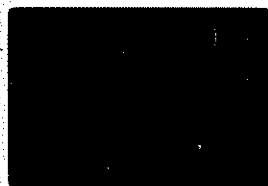
Spur Rock
APR 72P2
3.4



Contact, Norite - Anorthos.

23, 19
15364, 7

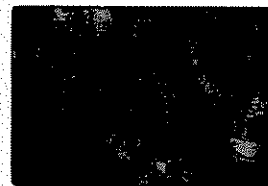
APR 72P2
2.2



Clear of 21 showing
partly relict px & felds!

23, 19
15364, 7

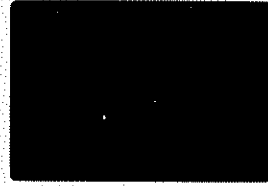
APR 72P2
3.4



Same as 21 U&W

21, 19
15364, 7

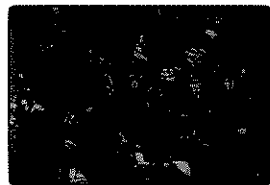
APR 72P2
3.4



Appearance of 19 -
20. cpx? Relict corundum.

20, 19
15364, 7

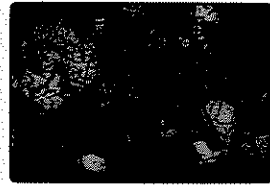
APR 72P2
3.4



Same as 19 U&W

24, 19
15364, 7

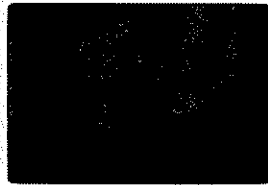
APR 72P2
2.2



Same as 23 U&W

25, 19
15366, 6

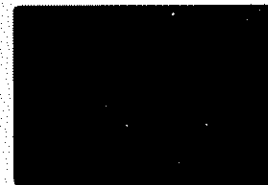
APR 72P2
3.4



Crystals brecc.

5, 22
15369, 8

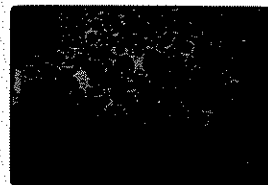
MAY 72P8
3.4



Green glass brecc.

26, 19
15371, 13

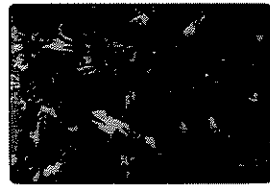
APR 72P2
3.4



Crystals present, green
glass brecc.

30, 19
15380, 6

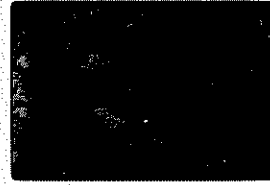
APR 72P2
3.4



Same as 29 U&W

28, 19
15380, 6

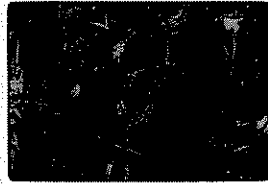
APR 72P2
3.4



Sl. brecc. Contact, hi
magnesian

28, 19
15382, 6

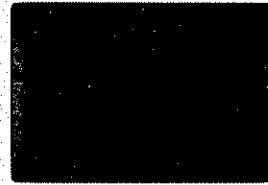
APR 72P2
3.4



Same as 27 U&W

21, 19
15383, 6

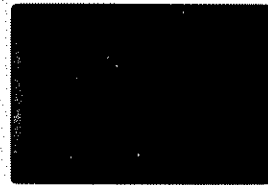
APR 72P2
3.4



Basalt, hi perthite; cpx
cores, augite rims

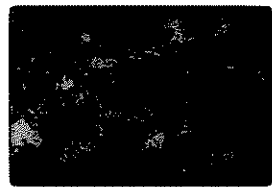
31, 19
15383, 7

APR 72P2
3.4



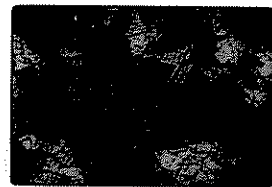
Basalt brecc. invaded
by glass

32, 19 APR 72P2
15383,7 3.4



Same as 31 UXLN

34, 19 APR 72P2
15384,8 3.4



Same as 33 UXLN

35, 19 APR 72P2
15384,8 3.4



Med. gr. ophit. bas, in
matrix

35, 19 APR 72P2
15386,8 3.4



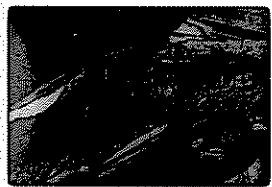
Coarse interstitial
bas, in p. matrix. CPX
cores

37, 19 APR 72P2
15386 7.4



Same as 35 UXLN

2, 20 MAR 72P2
15388, 11 3.4



Same as 1 UXLN

1, 20 MAR 72P2
15388, 11 3.4



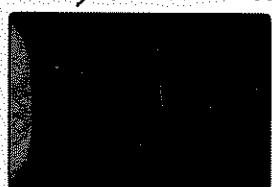
Very coarse zone of px bas

3, 24 JAN 75P3
15415, 9.4 6.6



Polygonal px

11, 1 SEP 71P1
15415, 14 2.2



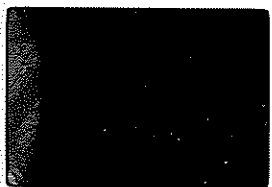
Same as 9, clearer

11, 2 SEP 71P5
15415, 30 2.2



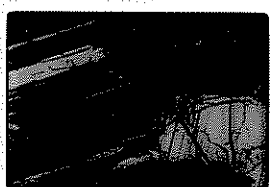
Crystalline zone, mg. pc + minor
colorless glass, px darkened

9, 2 SEP 71P5
15415, 19 2.2



Large pc's - sawtooth
boundary

5, 2 SEP 71P5
15415, 19 2.2



Same as 3, rotated a little
to show line.

7, 2 SEP 71P5
15415, 19 0.9



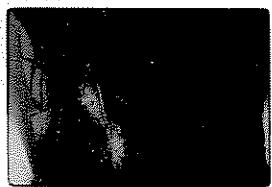
"Polyg." band, in single
pc - slight rot. across

11, 2 SEP 71P5
15415, 19 3.3



Coarse polyg. pc

16, 2 SEP 71P5
15415, 19 0.6



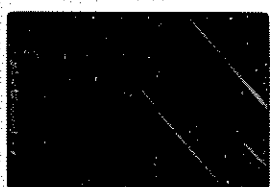
px at pc triple pt

2, 2 SEP 71P5
15415, 17 0.4



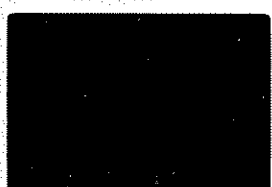
Opx, opx lamellar &
jacket

2, 2 SEP 71P5
15415, 17 0.9



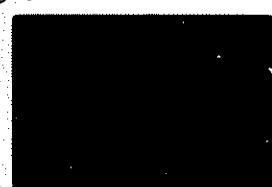
Changes in twin abund.
among microcrs.

5, 2 SEP 71P5
15415, 21 0.6



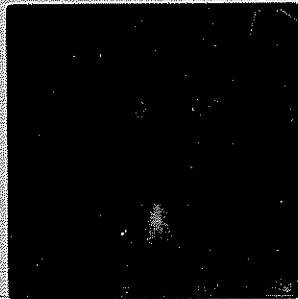
Turning augite wholly
encl. in polyg. pc

18, 2 SEP 71P5
15415, 30 2.9



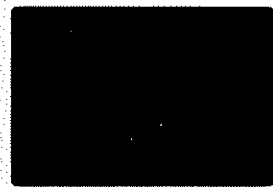
Same as 17 clearer and
px darkening, all these
extn.

15415 MADE IN U.S.A. 15435



AS 15-86-11671

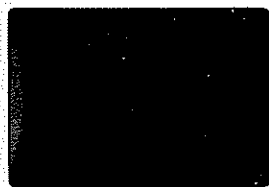
15415



8612 100 12

7,1 SEP 71PI

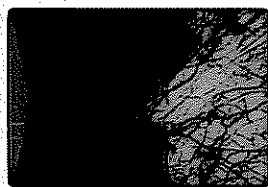
15415,14 2.2



Ductile, pale green
cpx.

8,1 SEP 71PI

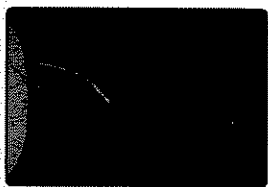
15415,14 2.2



Ductile, pale green
cpx.

9,1 SEP 71PI

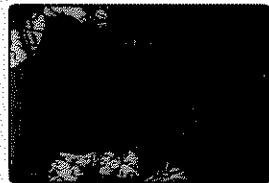
15415,14 3.4



Crushed pc. Px as small
blebs in pc & along bands.

7,1 SEP 71PI

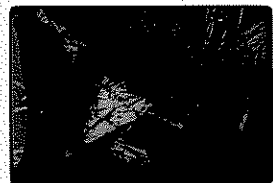
15415,16 2.7



Triplexics & curved
grain bounds, big pc's

10,1 SEP 71PI

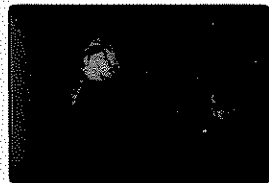
15415,14 3.1



Same as 9 UAN

21,1 SEP 71PI

15415,15 0.9



Polyg. kexlliz near bound
of 2 big pc's

23,1 SEP 71PI

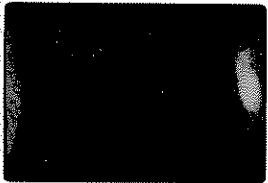
15415,15 0.9



Crush zones (spine avoid) cross
polyg. pc bands. Bright spot
in kexlliz px?

24,1 SEP 71PI

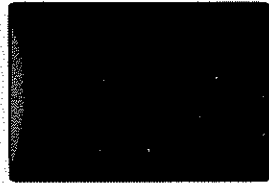
15415,15 2.2



Course polyg. zone Xing
single pc has px 20 kexlliz
pc

15,1 SEP 71PI

15415,16 3.4



Microfracturing &
granulation - (spine
Event?)

16,1 SEP 71PI

15415,15 3.4



Microfractured big pc
grain bound.

16,1 SEP 71PI

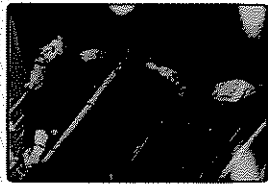
15415,16 3.4



Microfracturing &
granulation - (spine
Event)

19,1 SEP 71PI

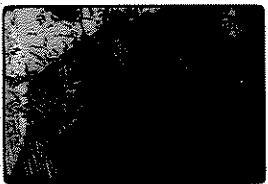
15415,15 3.4



Irreg. bands of polyg.
kexlliz. pc - along a ft

30,1 SEP 71PI

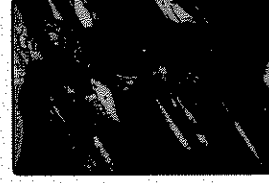
15415,15 2.2



Partly (rotated?) fine
patches in single pc

25,1 SEP 71PI

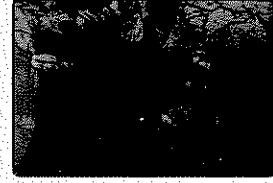
15415,15 2.2



Same as 24 UAN

25,1 SEP 71PI

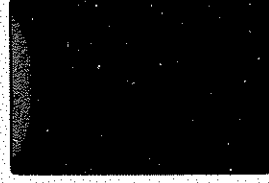
15415,15 2.2



Course polyg. pc zone
with cpx.

27,1 SEP 71PI

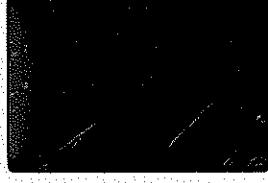
15415,15 0.9



Thin needles w. st. extn
along pc grain bounds

28,1 SEP 71PI

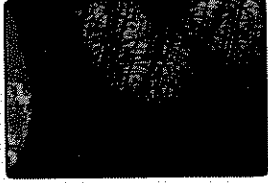
15415,15 0.9



Same as 27 UAN

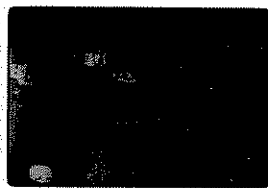
28,1 SEP 71PI

15415,14 3.4



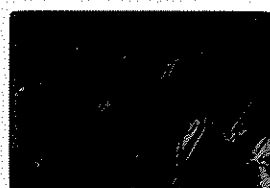
local coarse grain
bound. kexlliz.

3,6 NOV 71P3
15415,29 3.4



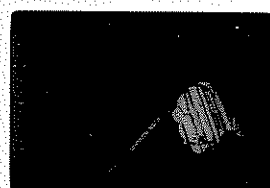
Extn. relict within
single pc - post polyg.
extending

2,6 NOV 71P3
15415,29 2.2



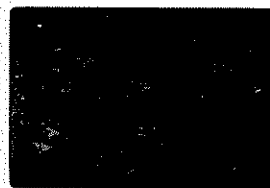
1 Band polyg. pc, px &
frac. w. old extn.

1,6 NOV 71P3
15415,29 3.4



3 bands polyg. pc + px
& frac. w. old extn

24,15 DEC 71P3
15418,10 5.3



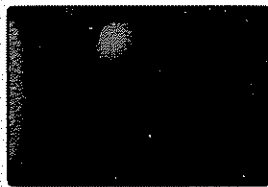
Same as 23 UxN

19,15 DEC 71P3
15418,8 3.4



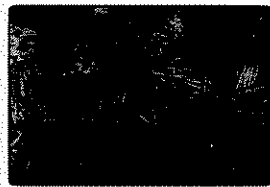
Folded, single relict. Calc.
chlorite + melt zone at edge
of vesicle

25,15 DEC 71P3
15418,10 2.7



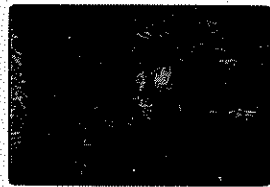
melt zone → spherulit.
zone

20,15 DEC 71P3
15418,8 3.4



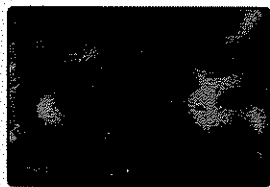
Same as 19 UxN

20,15 DEC 71P3
15418,10 2.7



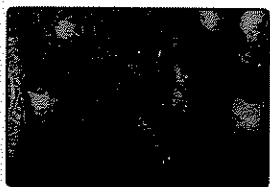
Same as 25 UxN

21,15 DEC 71P3
15418,8 0.9



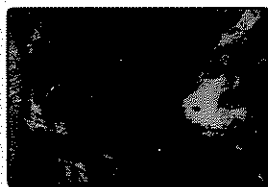
Closer of fold in A, spherul.
relict of pc prep. no attention
to fold

27,15 DEC 71P3
15418,10 2.2



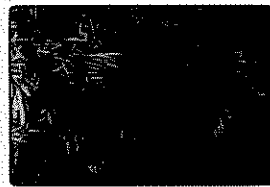
melt zone → spherul zone

22,15 DEC 71P3
15418,8 0.9



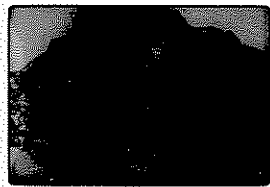
Same as 21 UxN

28,15 DEC 71P3
15418,10 2.2



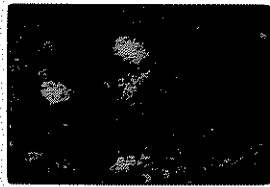
Same as 27 UxN

23,15 DEC 71P3
15418,80 5.3



Grad. from melt zone into
spherulitic zone

2,11 NOV 71P3
15418,17 3.4



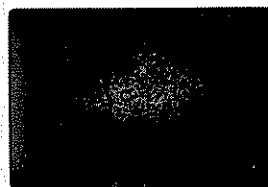
Same as 20 UxN

11,16 DEC 71P3
15418,21 0.7



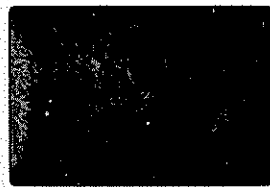
Probable relict cpx inside
spongy relict cpx

15,16 DEC 71P3
15418,21 0.9



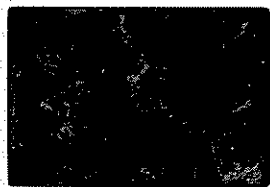
Same as 14

12,16 DEC 71P3
15418,21 0.7



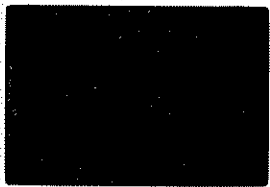
Same as 11 UxN

2,11 NOV 71P3
15418,17 0.9



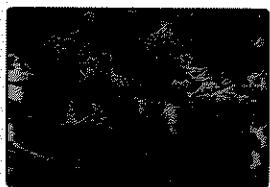
Same as 32 UxN

3,11 NOV 71P3
15418,18 2.2



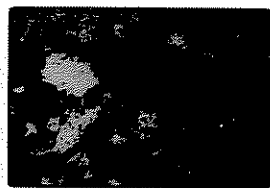
Single cleft w. different
than UxN. discs.

3,11 NOV 71P3
15418,17 2.2



Transition from foliate zone
to spherulitic zone

25, 11 NOV TIPS
15418, 17 2.2



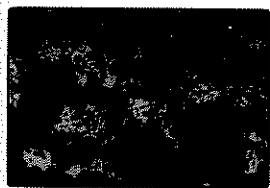
Same as 22 UXIV

25, 11 NOV TIPS
15418, 17 2.2



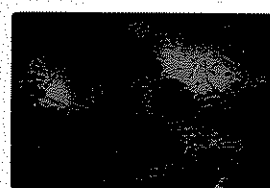
Same, closer

25, 11 NOV TIPS
15418, 17 2.2



Same as 21 UXIV

25, 11 NOV TIPS
15418, 17 3.4



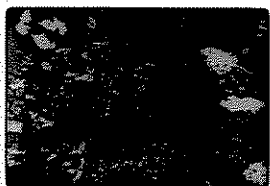
Well devel. spherulitic pt

25, 11 NOV TIPS
15418, 17 3.4



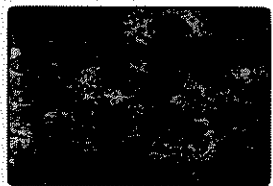
Same as 26 UXIV

⑫, RS-1=12, 9 DEC TIPS
15418, 22 6.6



Same as 11 UXIV

13, 12 NOV TIPS
15418, 23 3.4



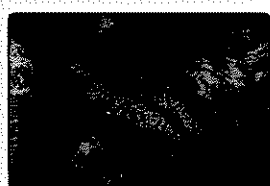
Same as 12 UXIV

12, 12 NOV TIPS
15418, 23 3.4



Overall banded look -
shaded, text 112.

11, 12 NOV TIPS
15418, 22 0.9



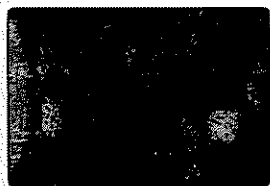
Text 112, relict chn.?

⑬ RS-1=12, 3 DEC TIPS
15418, 19 6.6



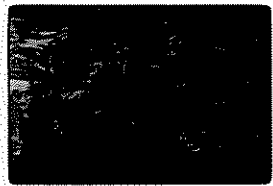
Gross folia.

4, 12 NOV TIPS
15418, 18 0.9



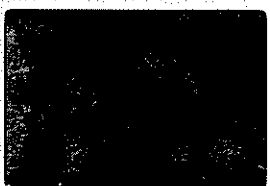
Rounded "clenites" of long
wormy matrix re. str
extn

3, 12 NOV TIPS
15418, 18 0.9



Wormy matrix setting
together in dark "clstn"

2, 12 NOV TIPS
15418, 18 0.9



Same as 1 UXIV

⑭ RS-1=12, 9 DEC TIPS
15418, 22 6.6



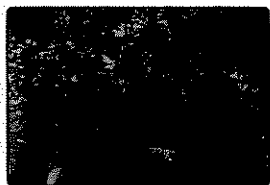
Gross folia.

8, 12 NOV TIPS
15418, 19 8.2



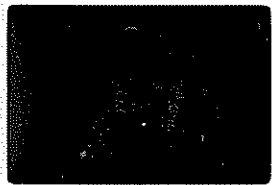
Same as 7 UXIV

⑩, RS-1=12, 6 DEC TIPS
15418, 19 6.6



Same as 9 UXIV

7, 12 NOV TIPS
15418, 19 8.2



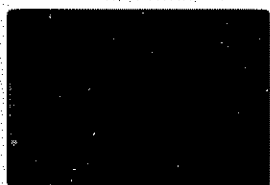
"clst" size vres

1, 12 NOV TIPS
15418, 18 0.9



Plots granular matrix

2, 3 SEP TIPS
15418, 5 3.3



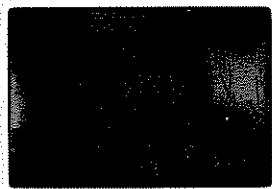
Brown matrix along one of
scarce vesicles. Note
cavities in px-pc zones

2, 3 SEP TIPS
15418, 3 3.3



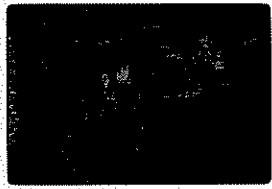
clst of devit. brown
glass spherules in same matrix

21, 11 NOV 1955
15418, 17 3.4



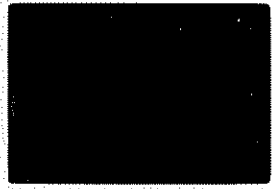
Same as 13, closer. Smaller
pc → spherulitic

32, 15 DEC 1955
15418, 10 3.4



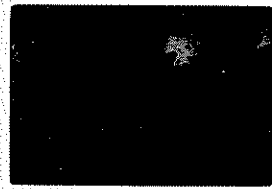
Same as 31 UxN

2, 11 NOV 1955
15418, 17 0.9



Foliate pc & granular
matrix

2, 11 NOV 1955
15418, 17 0.9



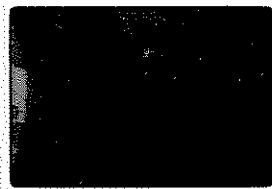
Same as 25 UxN

16, RS-1 DEC 1955
15418, 18 3.4



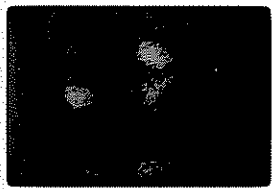
Same as 15 UxN

17, RS-1 = 11, 20 DEC 1955
15418, 17 3.4



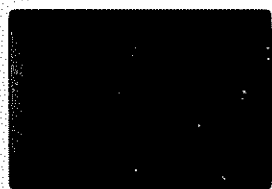
"Lenticle" relict pc

18, RS-1 = 11, 21 DEC 1955
15418, 17 3.4



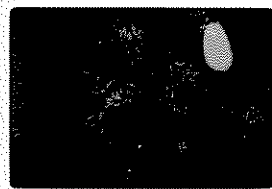
Same as 17 UxN

19, RS-1 DEC 1955
15418, 17 2.2



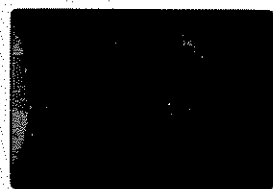
Spherulitic pc

20, RS-1 DEC 1955
15418, 17 2.2



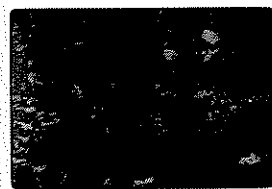
Same as 19 UxN

13, RS-1 DEC 1955
15418, 22 3.4



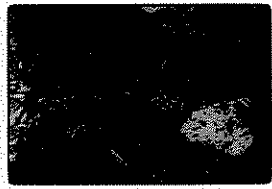
Closer of RS-1, 11 (= 12, 9)
"Relict" pc

8, RS-1 = 11, 17 DEC 1955
15418, 17 6.6



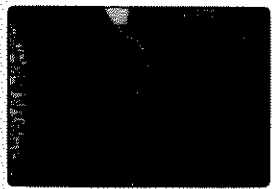
Same as 6 UxN

14, RS-1 DEC 1955
15418, 22 3.4



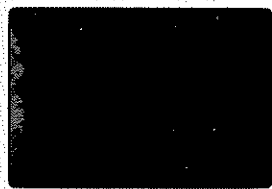
Same as 13 UxN

6, RS-1 = 11, 18 DEC 1955
15418, 17 6.6



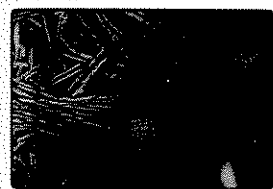
Cross folia, metagabbro

15, RS-1 DEC 1955
15418, 18 3.4



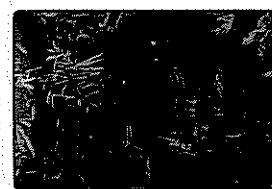
Sugary matrix along 11
folia

29, 15 DEC 1955
15418, 10 0.9



Same as 27 closer

34, 15 DEC 1955
15418, 10 2.2



Same as 33 UxN

30, 15 DEC 1955
15418, 10 0.9



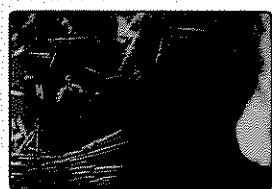
Same as 29 UxN

35, 15 DEC 1955
15418, 10 0.9



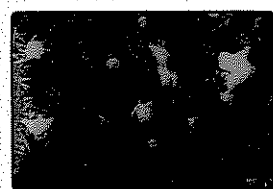
Closer transition, melt
zone to spherulitic zone

36, 15 DEC 1955
15418, 10 0.9



Same as 35 UxN

33, 15 DEC 1955
15418, 10 2.2



Gradation from "melt zone"
to "spherulitic zone"