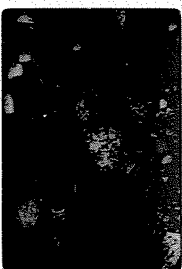


1, 16
73255, 7 2.7



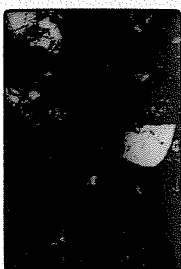
Polymet bre. One clast by
inverted P3. Variety of
D3

3, 16
73255, 7 2.2



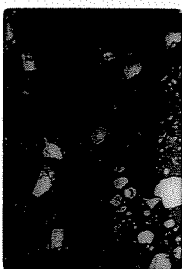
LXN

1, 16
73255, 7 2.7



LXN

7, 16
73255, 7 2.2



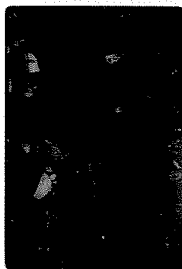
"Basiloid" part of bre.
Thin slightly coarser

3, 16
73255, 7 3.4



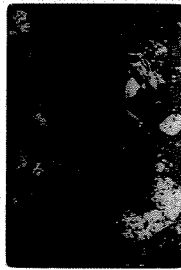
Gen. Shelled "gabbroic
frag."

3, 16
73255, 7 2.2



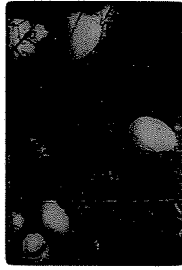
LXN

4, 16
73255, 7 3.4



LXN

3, 16
73255, 7 0.9



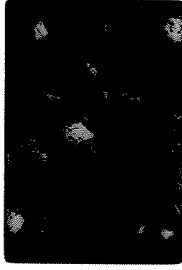
Viscous and visc.
4 monocr. parts

5, 16
73255, 7 2.2



"Opit. bre" clast of P3

3, 16
73255, 7 0.9



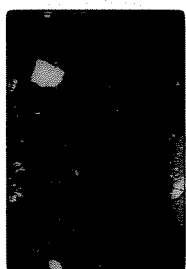
LXN

11, 16
73255, 7 0.9



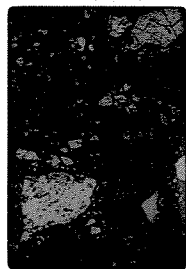
Security deployed over
clast

12, 16
73255, 7 0.9



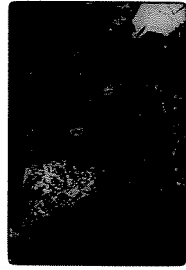
LXN

13, 16
73255, 7 2.2



Brownish, glassy (sl. dark)
Polymet bre - slightly
coarser part to L. side

14, 16
73255, 7 2.2



LXN

15, 16
73255, 7 3.4



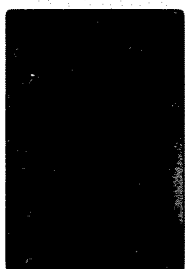
Gen. view, Cl, P, met-
clastic - med-fine grained
blastitic

3, 16
73255, 7 3.4



LXN

7, 16
73255, 7 3.4



Another view. Several
small lithic clasts

3, 16
73255, 7 3.4



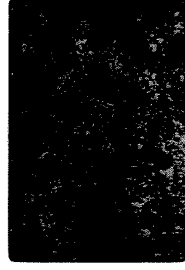
LXN

3, 16
73255, 7 2.2



Gen. view. "Feldspathic
Pc clast"

3, 16
73255, 7 2.2



LXN

316
74215,11 2.2



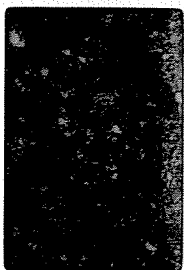
Gram. Weiss

316
74215,11 0.9



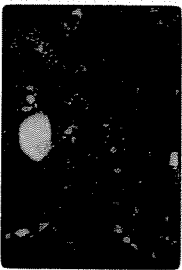
LEXN

316
74215,11 2.2



LEXN

316
72275,11 6.4



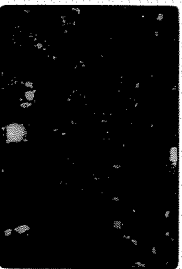
Gram. Disk, partly the way
to group on underside of
one

316
74215,11 0.9



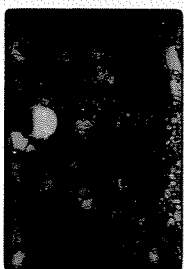
Gram. No. 1000000
class

316
72275,11 6.4



LEXN

316
74215,11 0.9



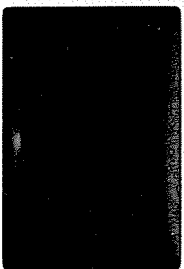
LEXN

316
72275,12 6.4



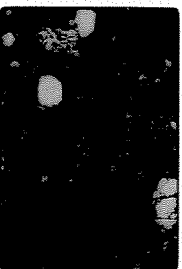
Gram. Big white clast
from 0000000

316
74215,11 0.9



"Foliated" p. clast

316
72275,12 6.4



LEXN

316
72275,12 2.2



White clast 20/1000000
Note: 00000000 p. 00000000
00000000

316
72275,12 3.4



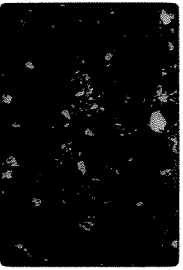
LEXN

316
72275,12 2.2



LEXN

316
72275,11 3.4



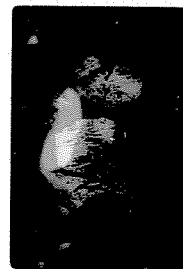
Pellet texture

316
72275,12 2.2



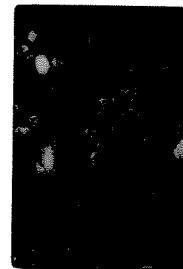
Gram. 20 31, 4 change

316
72275,12 8.2



LEXN

316
72275,12 3.4



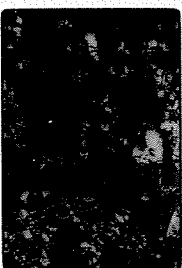
Pellet texture

1,17 FEB 1967
72275,11 3.4



Gran. Puffet texture, lots of D2's and occasional P1's from spinel grains.

1,17 FEB 1967
72017,11 3.4



LXN

2,17 FEB 1967
72275,11 3.4



Angular group isolated by well-sorted material.

2,17 FEB 1967
72017,11 3.4



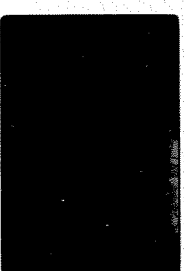
Closer of ground. Horizontally-banded cross-banding.

2,17 FEB 1967
72017,11 3.4



LXN

2,17 FEB 1967
72017,11 2.2



3,17 FEB 1967
72275,11 3.4



Bigger, closer veins, rounded patches.

3,17 FEB 1967
72017,11 3.4



LXN

3,17 FEB 1967
72017,11 2.2



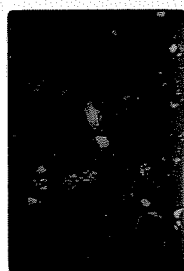
Isolated opt. P2 in contact with P200, unaltered.

3,17 FEB 1967
72017,11 2.2



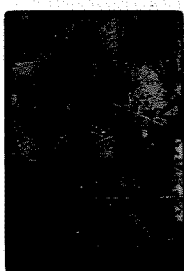
LXN

4,17 FEB 1967
72275,11 3.4



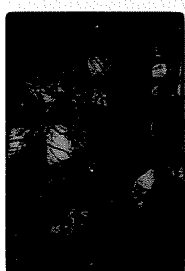
LXN

4,17 FEB 1967
72017,11 3.4



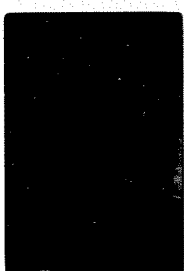
Bigger, closer veins, rounded patches.

4,17 FEB 1967
72017,11 2.2



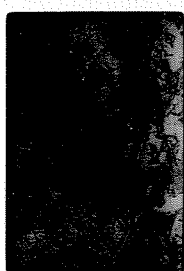
LXN

4,17 FEB 1967
72017,11 2.2



Isolated opt. P2, P200, rounded patches.

5,17 FEB 1967
72017,11 3.4



Closer of ground, horizontally-banded cross-banding.

5,17 FEB 1967
72017,11 3.4



LXN

5,17 FEB 1967
72017,11 3.4



Isolated opt. P2, P200, rounded patches.

5,17 FEB 1967
72017,11 2.2



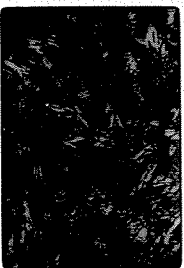
LXN

21, 17 FEB 1971
76017, 11 2.2



Cpx olivine in plagioclase-
shock-metamorphic breccia
matrix, 10110

17
76136, 7 2.7



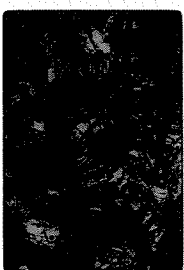
LEXN

17 FEB 1971
76017, 11 2.2



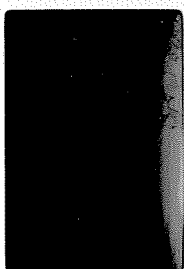
LEXN

17
76136, 7 2.2



Venidite

22, 17 FEB 1971
76017, 11 3.4



Entire clast of #21 - 4
olivine cpxs, largest 1.75mm

17
76136, 7 2.2



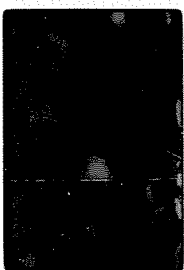
LEXN

24, 17 FEB 1971
76017, 11 3.4



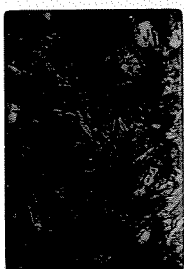
LEXN

17
76015, 11 3.4



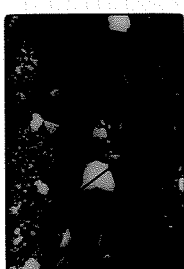
Thin blue (=white clast?)
of spinel-rich old rock
cut by blue spray. Clast of
blue 4/2 in
blue 1/1

25, 17 FEB 1971
76136, 7 2.7



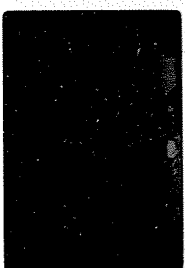
Venidite breccia in honey-
comb texture

17
76015, 11 3.4



LEXN

3, 17 FEB 1971
76015, 11 1.7



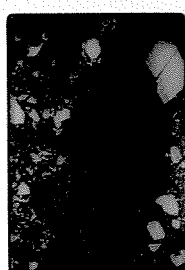
Clay, much oliv +
spinel

17
76015, 11 1.7



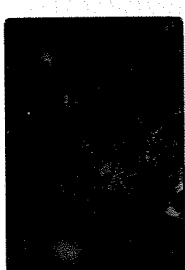
LEXN

17 FEB 1971
76015, 11 1.7



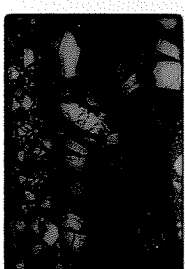
LEXN

17
76015, 11 1.7



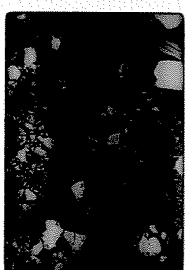
Spinel and 35

23, 17 FEB 1971
76015, 11 1.7



Molten of 1/2 c. 1/2
- blue of 1/2 c. 1/2

3, 17 FEB 1971
76015, 11 1.7



LEXN

35, 17 FEB 1971
76015, 11 1.7



17 Breccia clast in blue
sp. - has pink spray -
no 1/2 thin p. 0.5 mm

1, 18 FEB 1971
76315, 11 0.9



11 Band + 11 20/3000, 0.11
Not clear, banding visible
of clast

18
76315, 11 0.6



LXN

2, 18 FEB 1971
76315, 11 0.9



LXN

18
76315, 11 0.7



Edge of dark clast. Patchy
concentric areas may be
true textures

3, 18 FEB 1971
76315, 11 0.2



Pc clast + 01 fangs, 0.04
fmg, etc

18
76315, 11 0.7



LXN

4, 18 FEB 1971
76315, 11 0.2



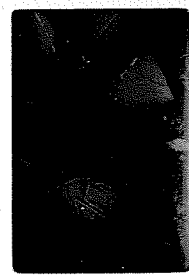
LXN

18
76315, 11 0.7



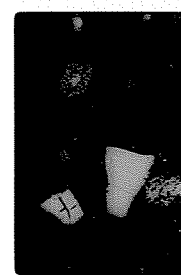
Wavy sec. with 200
01 on 0.5x ?

5, 18 FEB 1971
76315, 11 0.6



Bilite grain 20/px sec.
1.1m - in clast + in
bleb + may

1, 18
76315, 11 0.7



LXN

1, 18 FEB 1971
76315, 11 0.9



lt. clast (?) w/ pink & in
cut w/ blue ss.

18
76315, 11 0.2



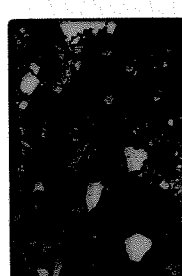
LXN

2, 18 FEB 1971
76315, 11 0.9



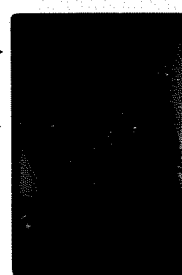
LXN

18
76315, 11 0.6



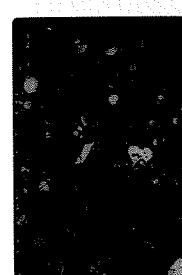
Bandings prominent w/
concentric - can see blue
at edge may

3, 18 FEB 1971
76315, 11 0.6



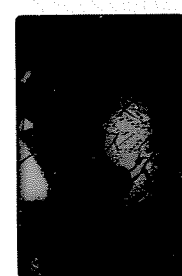
Oliv. hornfels (ols have "thick
inclusions" of sec. rims -
overgrowth of new oliv. ?

18
76315, 11 0.6



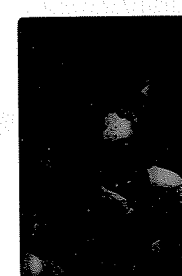
LXN

4, 18 FEB 1971
76315, 11 0.6



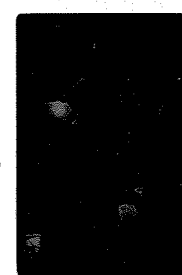
LXN

18
76315, 11 0.6



Note tiny, size 3000
some as 1000000

5, 18 FEB 1971
76315, 11 0.2



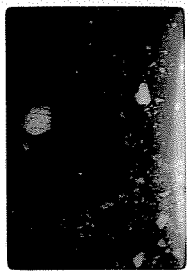
Small crystal in center of
sect - dark clast in blue ss
in zone of sec. Particles are
irregular

18
76315, 11 0.6



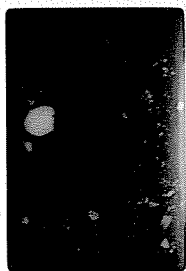
LXN

18
77075,11 8.2



Dike of well-defined catenolite
Note dike clasts at cut

18
77075,11 8.2



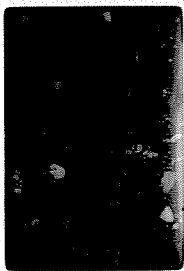
LXN

18
77075,11 6.6



High dike containing
high Opx lenses in contact
with catenolite

18
77075,11 6.6



LXN

18
77075,11 6.6



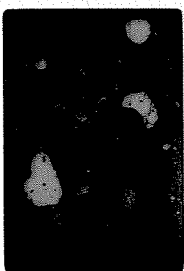
Another of cuts - darker
crystal.

18
77075,11 6.6



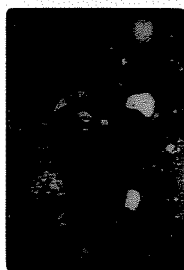
LXN

18
77075,11 3.4



Dike has many pebbles of
interstitial texture - glass
on dike glass + debris

18
77075,11 3.4



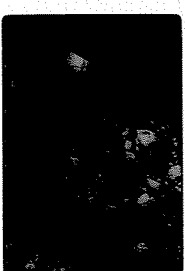
LXN

18
77075,11 3.4



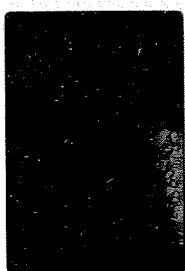
Dike - catenolite, cont. Cl - 17-18
dike, Opx - 17-18. Strong - some
to 20-25

18
77075,11 3.4



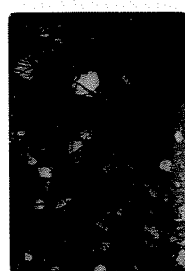
LXN

18
77075,11 8.2



Abundant clast of interstitial
Opx, some Opx of fine
granular & X textures

18
77075,11 8.2



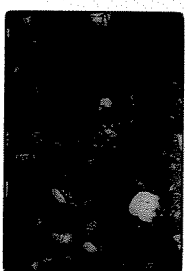
LXN

18
77075,11 0.9



Old "fluid" inclusions
Opx, interstitial Opx.

18
77075,11 0.9



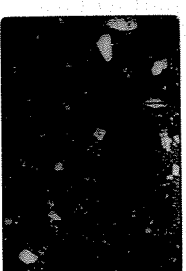
LXN

18
77075,11 8.2



Dike - clast contact

18
77075,11 8.2



LXN

18
77075,11 0.9



LXN. Spherulitic PC

1,19
74255,2 8.2



Green. Clots peridium

3,19
74255,2 3.4



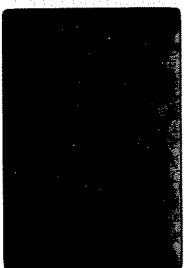
Clots w/ Offcenter cliv
mels

4,19
74255,2 3.4



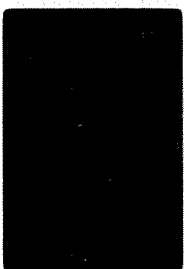
LN

5,19
74255,2 3.4



Odd intergrowth

7,19
74255,2 3.4



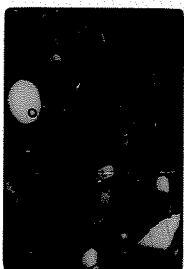
Amorphous clots

8,19
74255,2 3.4



LN

11,19
74255,2 3.4



Poor poikiloblastic texture +
oil droplets + acrotes in
blue grey

12,19
74255,2 3.4



LN

13,19
74255,2 1.4



Voile, looking for clots,
pink, mix w/ honey pe holes

14,19
74255,2 1.4



LN

15,19
74255,2 8.2



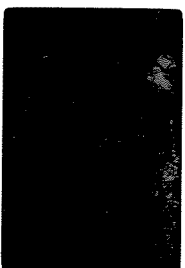
Green veins of calcite -
yellow to brown and pinkish
muds. Some numbered spots

16,19
74255,2 8.2



LN

17,19
74255,2 8.2



Amorphous clots

18,19
74255,2 8.2



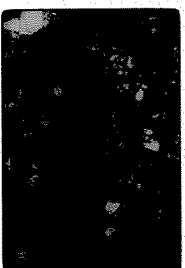
LN

19,19
74255,2 6.6



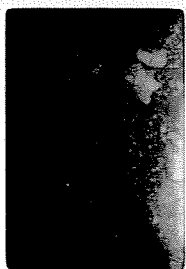
Clots

20,19
74255,2 6.6



LN

2,19 73PB
77215,11 C.C



Another

2,19 73PB
77215,11 3.4



LEKN

2,19 73PB
77215,11 C.C



LEKN

2,19 73PB
77215,11 3.4



Pc more resistant to cathe-
rized phase px, mX mostly
OPX some Cpx, Oliv?

2,19 73PB
77215,11 3.4



Spinel catcl. flow shue.
Note fine beam. in opax

2,19 73PB
77215,11 3.4



LEKN

2,19 73PB
77215,11 3.4



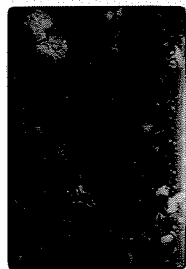
LEKN

2,19 73PB
77215,11 3.4



Spinel catcl. flow
shue.

2,19 73PB
77215,11 3.4



Fringed core of spinels
intergrown w/ surrounding
catcl. shue

2,19 73PB
77215,11 3.4



LEKN

3,19 73PB
77215,11 0.9



Negative x15 in Pc

3,19 73PB
77215,11 0.6



Exsolved in Cpx

3,19 73PB
77215,11 0.9



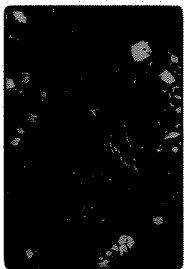
LEKN

3,19 73PB
77215,11 1.7



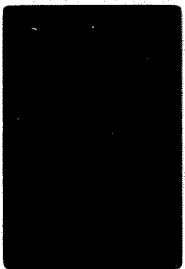
Only pc/px boundaries
+ opx + opx

3,19 73PB
77215,11 0.9



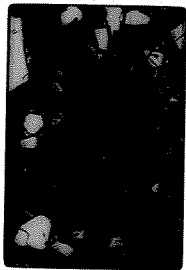
LEKN. Exsolved in opx

3,19 73PB
77215,11 1.7



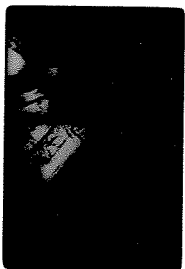
Same as 3? LCL

3,19 73PB
77215,11 0.7



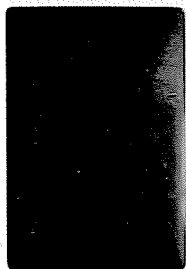
Blebs exsolved in Cpx

3,19 73PB
77215,11 0.2



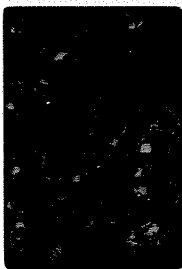
Irregular in Cpx

1,20 MAR 1971
72315,7 0.7



Origo pc-pe boundaries
topx, cpx

0,20 MAR 1971
72315,7 3.4



LXN

2,20 MAR 1971
72315,11 0.7



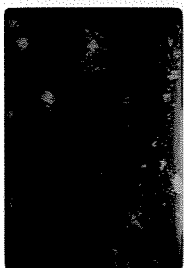
LXN

7,20 MAR 1971
72315,7 3.4



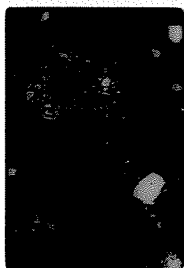
Electrolytic corrosion possible
text & pyrogonoid PCs

3,20 MAR 1971
72315,7 6.6



Very little, very banded
Veg. from Periclit. to
Grenob. facies

8,20 MAR 1971
72315,7 3.4



LXN

4,20 MAR 1971
72315,7 6.6



LXN

9,20 MAR 1971
72315,7 2.2



Veg (left side) banded w/pt
bryozoan (cpx), periclit. - bry
nucleus mds

5,20 MAR 1971
72315,7 3.4



2 "banded" periclit. & 2
of granatite

10,20 MAR 1971
72315,7 2.2



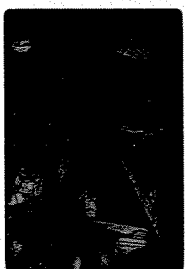
LXN

11,20 MAR 1971
72315,7 0.4



cleans of veg lining

12,20 MAR 1971
72315,7 0.4



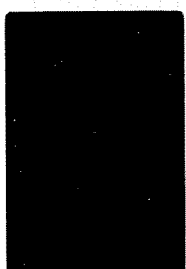
LXN

16,20 MAR 1971
72315,7 2.2



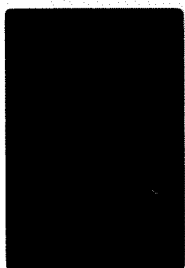
LXN

17,20 MAR 1971
72315,7 0.4



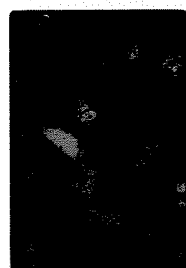
cleans of xl profiles in
vegg facies

13,20 MAR 1971
72315,7 0.4



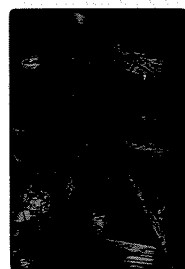
Veg lining

18,20 MAR 1971
72315,7 0.4



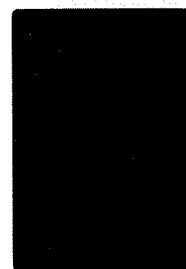
LXN

14,20 MAR 1971
72315,7 0.4



LXN

19,20 MAR 1971
72315,7 0.4



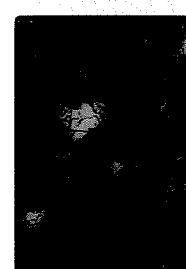
Another of vuggy zone
pc-pe-spruce & granatite

15,20 MAR 1971
72315,7 2.2



Interq. vuggy zone w/ small
xl periclitites

20,20 MAR 1971
72315,7 0.4



LXN

21, 20 MAR 1971
73235, 7 8.2



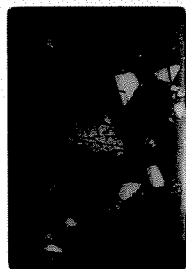
Disseminated but not
widely dispersed

26, 20 MAR 1971
73235, 7 8.2



LXN

22, 20 MAR 1971
73235, 7 8.2



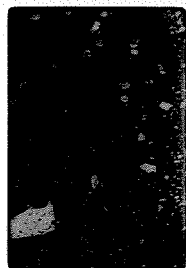
LXN

27, 20 MAR 1971
73235, 7 3.4



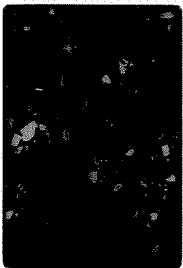
white mat injected
into bl. gr.

23, 20 MAR 1971
73235, 7 8.2



Gen. of "blue gr.", Note,
white disseminated mat
injects into blue gr.

28, 20 MAR 1971
73235, 7 3.4



LXN

24, 20 MAR 1971
73235, 7 8.2



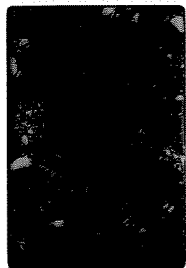
LXN

29, 20 MAR 1971
73235, 7 3.4



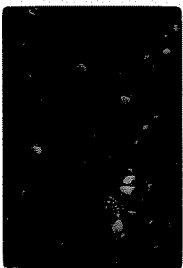
Fine-grained metachert frags,
underlying, un-
fractured spindly

25, 20 MAR 1971
73235, 7 8.2



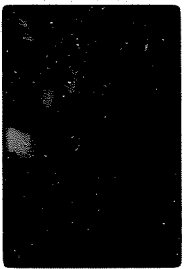
Gen.

30, 20 MAR 1971
73235, 7 3.4



LXN

31, 20 MAR 1971
73235, 7 3.4



metachert fragg

32, 20 MAR 1971
73235, 7 3.4



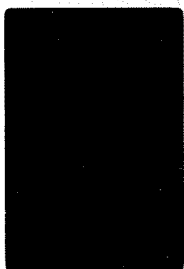
LXN

35, 20 MAR 1971
73235, 7 0.6



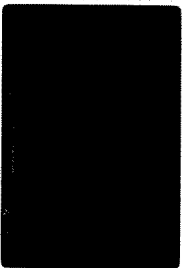
LXN

37, 20 MAR 1971
73235, 7 0.4



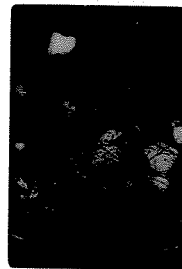
Fracture pink-spined
bracing cleav

33, 20 MAR 1971
73235, 7 0.4



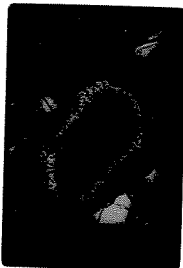
Pink spined in "foliated"
horizons

34, 20 MAR 1971
73235, 7 0.4



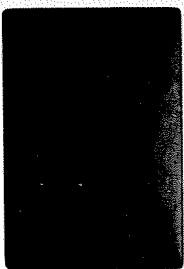
LXN

38, 20 MAR 1971
73235, 7 0.6



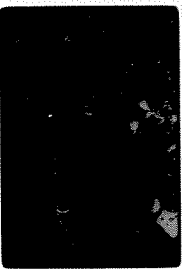
Fractured spindly in blue
gr.

1, 21 MAR 1961
73235, 7 0.9



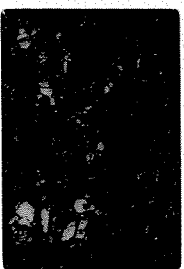
Pink-spined-bearing
claw

7, 21 MAR 1961
76015, 9 0.6



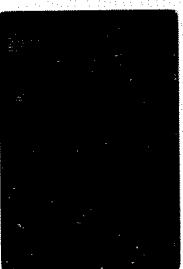
Pinkish-black claw in
pinkish-black max

12, 21 MAR 1961
76015, 9 3.4



LCXN

17, 21 MAR 1961
76015, 9 0.9



Close-up of cool toe -
cuticular scabiness

2, 21 MAR 1961
73235, 7 0.9



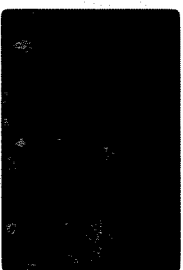
LCXN

8, 21 MAR 1961
76015, 9 0.6



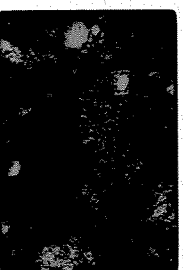
LCXN

13, 21 MAR 1961
76015, 9 3.4



Circumst. part of claw

18, 21 MAR 1961
76015, 9 0.9



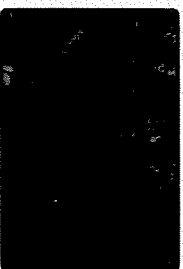
LCXN

3, 21 MAR 1961
73235, 7 0.6



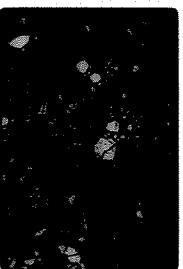
Recked spine in
blue of 3 & 7

9, 21 MAR 1961
76015, 9 0.6



Another view

14, 21 MAR 1961
76015, 9 3.4



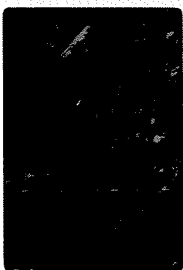
LCXN

5, 21 MAR 1961
73235, 7 3.4



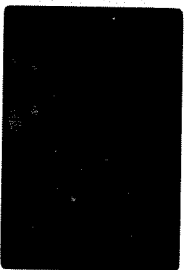
Broken blue-grey -
imposed by white
clastic mat

10, 21 MAR 1961
76015, 9 0.6



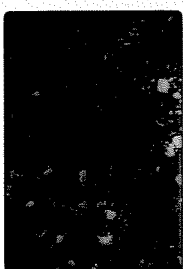
LCXN

15, 21 MAR 1961
76015, 9 2.2



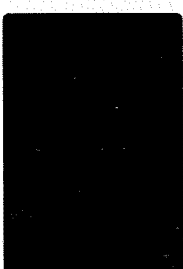
Claw of pink claw in
pink max - maxillary claw

6, 21 MAR 1961
73235, 7 3.4



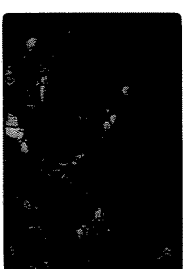
LCXN

11, 21 MAR 1961
76015, 9 3.4



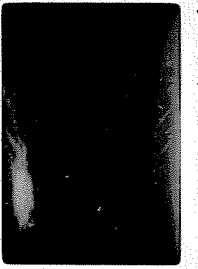
Pinkish. claw in pink
max

16, 21 MAR 1961
76015, 9 2.2



LCXN

19, 21 MAR 1981
24235, 11 8.2

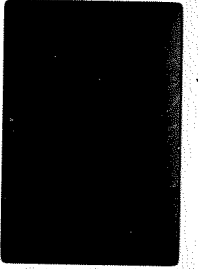


Reptiles

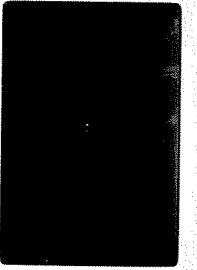
21, 21 MAR 1981
24235, 11 8.2



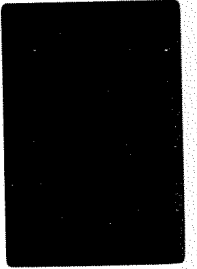
20, 21 MAR 1981
24235, 11 8.2



22, 21 MAR 1981
24235, 11 0.9



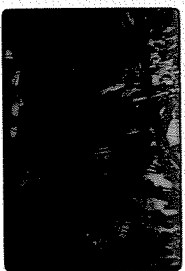
23, 21 MAR 1981
24235, 11 0.9



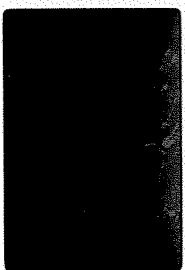
1,22
70017,116
8.2



2,22
70017,116
8.2

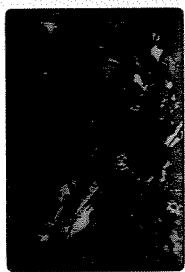


3,22
70017,127
8.2



Note different centers of
refraction in some droplets

4,22
70017,127
8.2

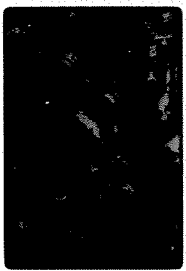


5,22
70017,118
6.6



Plumage texture

6,22
70017,118
6.6



7,22
70017,126
8.2



8,22
70017,126
8.2



9,22
70017,122
8.2



10,22
70017,122
8.2



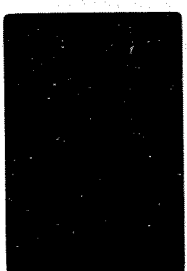
Weak plumage

Weak

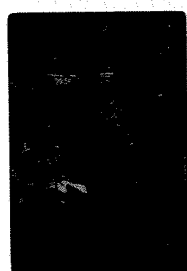
Gen.

Weak

11,22
70017,121
8.2



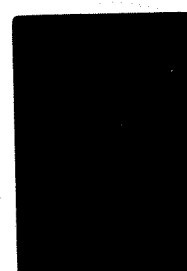
12,22
70017,121
8.2



13,22
70017,121
3.4



15,22
70017,121
3.4



Weak

Plumage + clots

Plumage + clots

16,22
70017,121
3.4



17,22
70017,121
3.4



18,22
70017,121
3.4



19,22
70017,121
2.6



20,22
70017,121
2.6



Weak

Plumage + clots

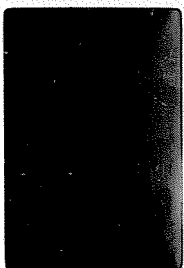
Weak

Clot

Weak

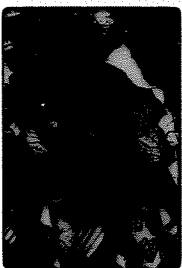
Weak

21, 22
70017, 127 3.4



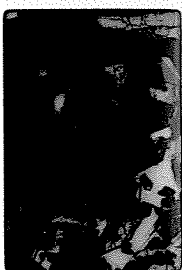
multiple clots

26, 22
70017, 127 2.2



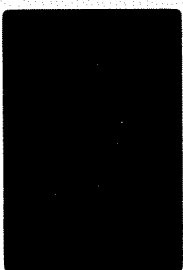
LCN

22, 22
70017, 127 3.4



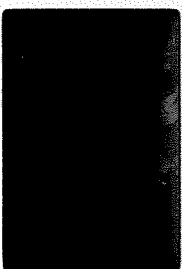
LCN

27, 22
70017, 118 3.4



clot

23, 22
70017, 127 3.4



Clot w/ effraction cliv

28, 22
70017, 118 3.4



LCN

24, 22
70017, 127 3.4



LCN

29, 22
70017, 118 2.6



clot

25, 22
70017, 127 2.2



Clot w/ effraction

30, 22
70017, 118 2.6



LCN

31, 22
70017, 124 3.4



clustered clots

36, 22
70017, 125 3.4



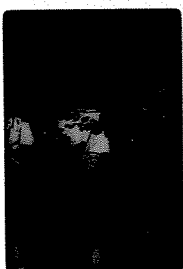
long rim extends well
beyond edge of clot

37, 22
70017, 108 2.6



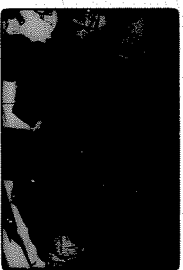
clots

33, 22
70017, 114 3.4



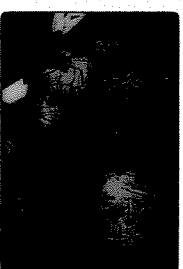
Thin areas between
latter parts of disintegrated

34, 22
70017, 129 2.2



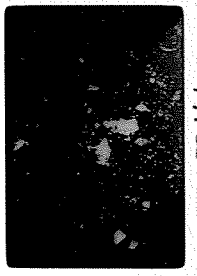
clot

35, 22
70017, 125 2.6

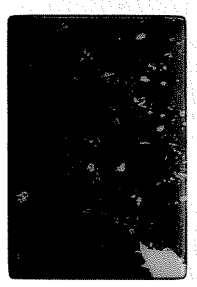


clustered clots, 2.2.6.2
center of these clots.

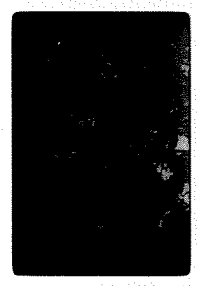
1-23 DEC 13P4
79135 3.5X



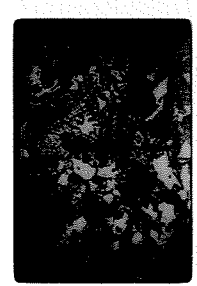
2-23 DEC 13P4
79135 3.5X



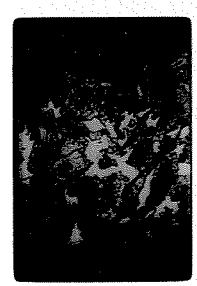
3-23 DEC 13P4
79155 3.5X



4-23 DEC 13P4
79155 3.5X



5-23 DEC 13P4
79155 3.5X



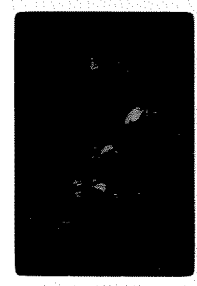
6-23 DEC 13P4
79155 3.5X



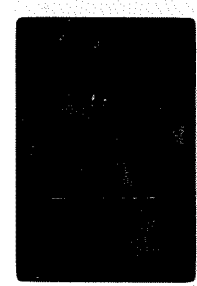
7-23 DEC 13P4
79155 3.5X



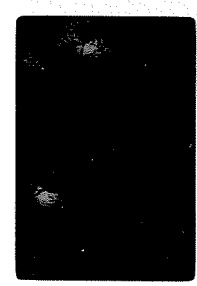
8-23 DEC 13P4
79155 3.5X



9-23 DEC 13P4
79155 13X



10-23 DEC 13P4
79155 13X



Remed 005

Remed 00 8

Remed 00 7
had rotated 90 degrees
clockwise

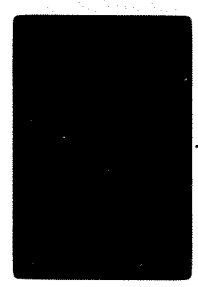
Remed 00 10

Remed 00 9

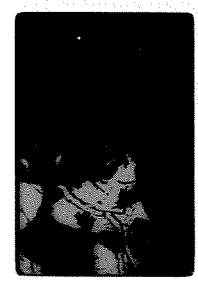
11-23 DEC 13P4
79155 17X



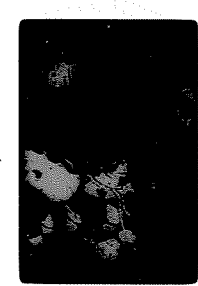
12-23 DEC 13P4
79155 17X



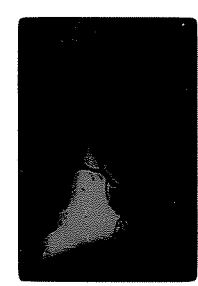
13-23 DEC 13P4
79155 20X



14-23 DEC 13P4
79155 10X



15-23 DEC 13P4
79155 20X



Same as 12

Remed 00 11

di mag of part of
14

13 is higher mag
of part of this

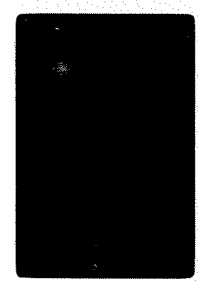
16-23 DEC 13P4
79155 20X



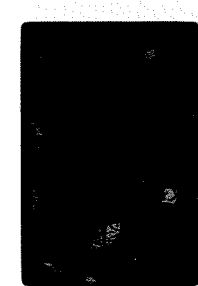
17-23 DEC 13P4
79155 50X



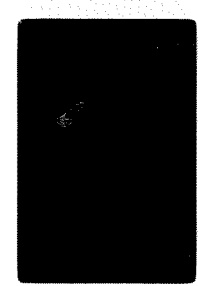
18-23 DEC 13P4
79135 50X



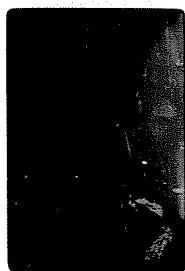
19-23 DEC 13P4
79135 50X



20-23 DEC 13P4
79135 50X



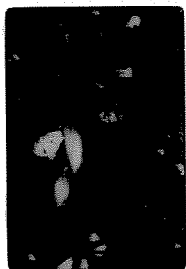
21-23
79135
DEC 1984
50X



22-23
79135
DEC 1984
50X



23-23
79135
DEC 1984
50X



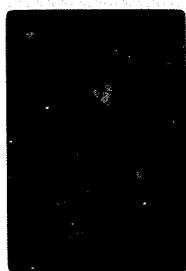
24-23
79135
DEC 1984
50X



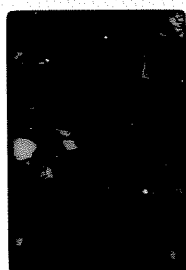
25-23
79135
DEC 1984
50X



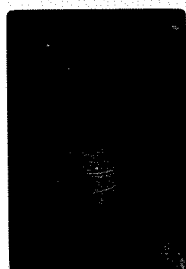
26-23
79135
DEC 1984
50X



27-23
79135
DEC 1984
50X



28-23
79135
DEC 1984
50X



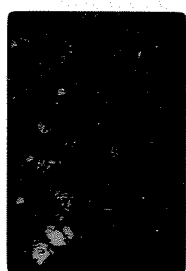
29-23
79135
DEC 1984
50X



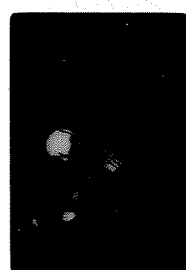
30-23
79135
DEC 1984
50X



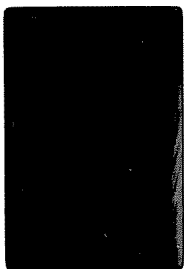
31-23
79135
DEC 1984
50X



32-23
79135
DEC 1984
50X

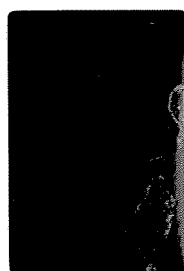


76535, 55 Synoptic. bet
ween cl-pe extends in



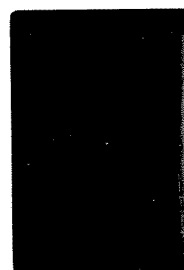
Along cl-opx boundary
Abund. mel. truss in pe
1724 1.8 mm

76535, 55 Same as 4
betw's opx in ext. int.



1724 1.2 mm

76535, 45 Synoptic.
betw. cl-opx; pe extending



1724 1.2 mm

76535, 45 Same as
84XIV



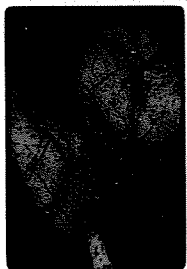
1724 1.2 mm

76535, 45 Same as
84XIV



1724 2.2 mm
15 JAN TAPE

76535, 45 Same as
134XIV



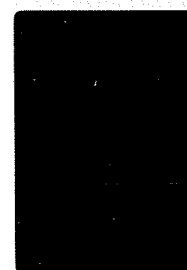
1724 2.2 mm
16 JAN TAPE

76535, 45 Synoptic
at same 2 obsd pe



1724 0.8 mm
17 JAN TAPE

76535, 45 Same as
124XIV



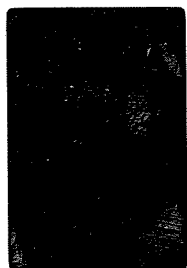
1724 0.8 mm
19 JAN TAPE

76535, 49 Synoptic.
betw cl-opx, not



betw same cl & pe
1724 1.8 mm
2 JAN TAPE

76535, 49 Same as
214XIV



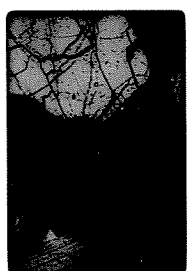
1724 1.8 mm
18 JAN TAPE

76535, 49 Monoclinic
mantling of cl by opx



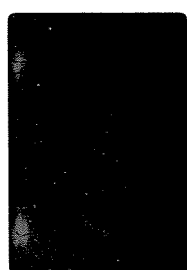
No Synoptic
1724 2.2 mm

76535, 49 Same as 25
4XIV



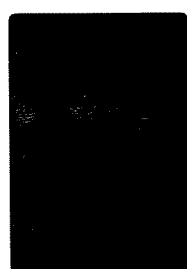
1724 2.2 mm

76535, 49 Coarse spinel
in opx mantling & cl's.
(at 1d top), Synoptic. betw



top cl & opx, prob com-
mon cl & pe. 0.12 mm
1724

Same as 29 4XIV
76535, 49



1724 1.2 mm
19 JAN TAPE

76535, 49 Well devel.
Synoptic. betw pe-cl



1724 3.4 mm
20 JAN TAPE