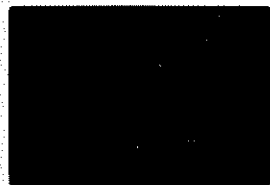


APOLLO 15  
Station 8:  
15015-15059

15015



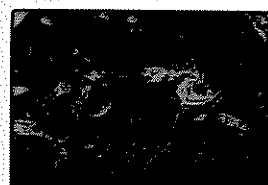
SEP 71 P6

29,4 SEP 71 P6  
15028,2 3.3



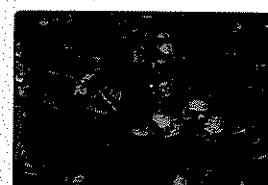
Aligned clasts in glassy  
brecc. One foliated?

30,4 SEP 71 P6  
15028,2 3.3



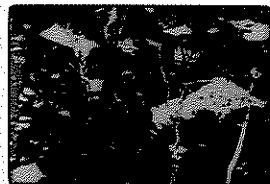
Aligned clasts in glassy  
brecc. - one foliated?

1,15 DEC 71 P6  
15028,3 2.2



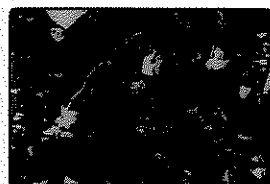
multil. mobilized brecc. - foliated

2,15 DEC 71 P6  
15028,3 2.2



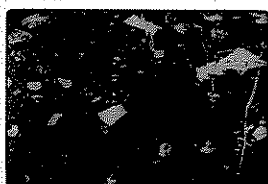
Rootless  
vein of multil.  
brecc.

3,15 DEC 71 P6  
15028,3 2.2



Rootless vein & mobilized  
brecc. Foliated, horiz.

4,15 DEC 71 P6  
15028,3 3.4



Rootless vein + mobilized  
brecc.

28,5 SEP 71 P6  
15058,14 3.3



Suboph. zoned pig. brecc.

29,5 SEP 71 P6  
15058,14 3.3



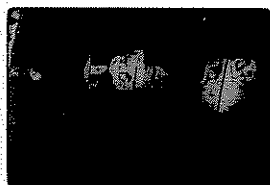
Same as 28 L&N

32,5 SEP 71 P6  
15058,14 0.9



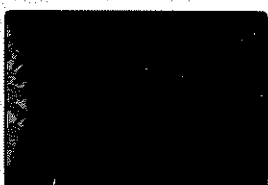
Simult. coverage of pyx &  
xlliz of pl

33,5 SEP 71 P6  
15058,14 0.9



Same as 32 L&N

(31), RS-1=14,15 DEC 71 P6  
15058,21 6.6



zoned pyx. brecc.  
further than 33

(32), RS-1=14,16 DEC 71 P6  
15058,21 6.6



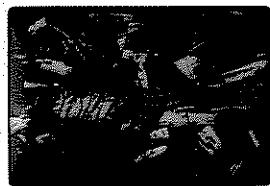
Same as 31 L&N  
further than 33

(33), RS-1=14,15 DEC 71 P6  
15058,21 5.3



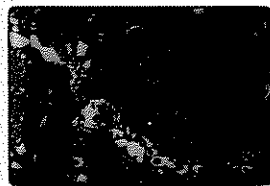
Zoned pyx. brecc.

(34), RS-1=14,16 DEC 71 P6  
15058,21 5.3



Same as 33 L&N

17,23 JAN 75 P6  
15059,49 3.4



glass veins in soil brecc.

18,23 JAN 75 P6  
15059,49 3.4



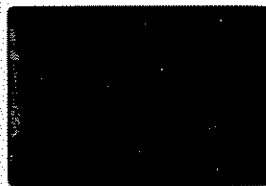
L&N

APOLLO 15

Station 1:

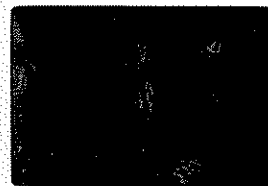
15065-15085

1,23 JAN 75P3  
15065,87 8.2



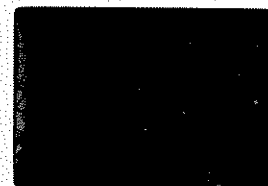
Px-rich, coarse breccia

2,23 JAN 75P3  
15065,87 8.2



LiXN

3,23 JAN 75P3  
15065,83 3.4



Coarse breccia

4,23 JAN 75P3  
15065,87 3.4



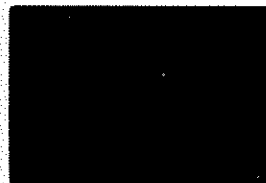
LiXN

15065



8.2

15065



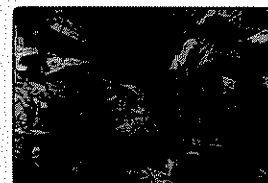
8.2

35 RS-1 DEC 71P3  
15076,15 8.2



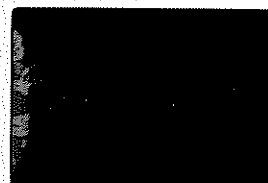
Zoned pyg. bas.

35 RS-1 DEC 71P3  
15076,15 8.2



Same as 35 LKN

1, RS-2 DEC 71P3  
15076,15 5.3



Zoned pyg. bas.

2, RS-2 DEC 71P3  
15076,15 5.3



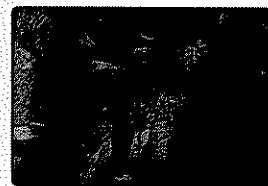
Same as 1 LKN

2,5 SEP 71P6  
15076,12 3.3



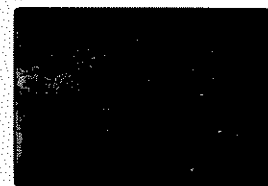
Stellate pc-pr intergr.

3,5 SEP 71P6  
15076,12 3.3



Same as 2 LKN

4,5 SEP 71P6  
15076,12 3.3



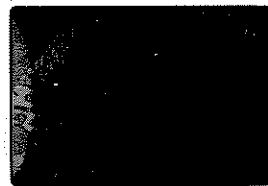
Subophitic texture,  
long prisms & tridymite  
px in pc

5,5 SEP 71P6  
15076,12 3.3



Same as 4 LKN

3 RS, 2=14,20 DEC 71P3  
15085,19 8.2



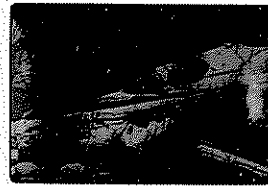
Zoned pyg. bas., Diabasic

5 RS, 2=14,20 DEC 71P3  
15085,19 5.3



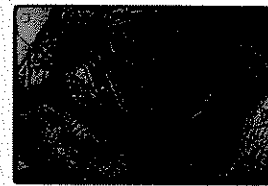
Diabasic zoned pyg. bas.

6 RS, 2=14,20 DEC 71P3  
15085,19 5.3



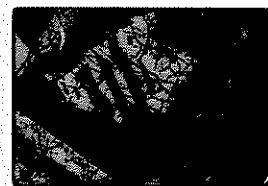
Same as 5 LKN

1,4 SEP 71P6  
15085,2 3.3



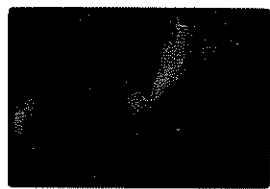
Pyroxenite with  
tridymite

2,4 SEP 71P6  
15085,2 3.3



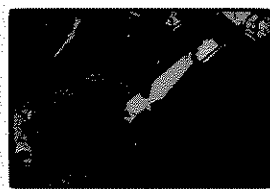
Same as 1 LKN

3,4 SEP 71P6  
15085,2 3.3



*Zoned pyroxene pig.*

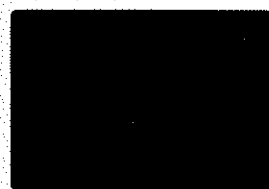
4,4 SEP 71P6  
15085,2 3.3



*Same as 3 4x*

APOLLO 15:  
Station 2:  
15105-15206

27,22 MAY 72P3  
15105,6 3.4



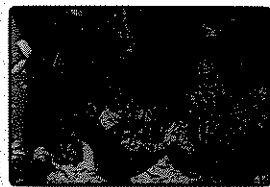
*Oliv. basalt*

28,22 MAY 72P3  
15105,6 3.4



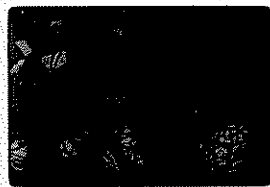
*Same as 27 4x*

5,23 JAN 75P3  
15146,4 3.4



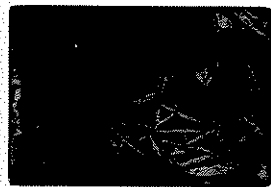
*Coarse basalt breccia*

6,23 JAN 75P3  
15146,6 3.4



*4x*

2,3 SEP 71P6  
15205,3 2.7



*Interstitial augite basalt  
& dark microcline clasts*

2,3 SEP 71P6  
15205,3 2.7



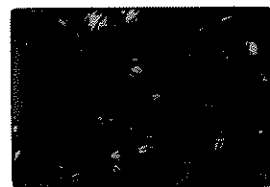
*Same as 2 4x*

2,3 SEP 71P6  
15205,3 2.7



*Variolitic basalt & oliv  
ophitic bas clasts*

27,3 SEP 71P6  
15205,3 2.2



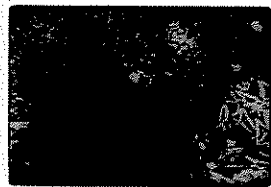
*Same as 27 4x*

25,7 NOV 71P6  
15205,3 5.3



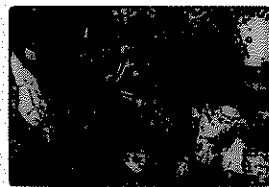
*Clast of brown glass spherule  
in brown glass; interst.  
bas, ophitic bas*

26,7 NOV 71P6  
15205,3 5.3



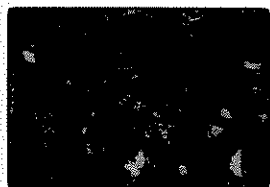
*Same as 25 4x*

35,7 NOV 71P6  
15205,3 3.4



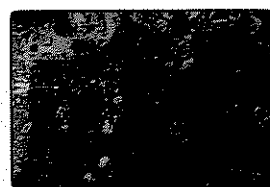
*Gen. view, 2 brown glass  
fraggs & vitrophysa in  
glassy matrix*

36,7 NOV 71P6  
15205,3 3.4



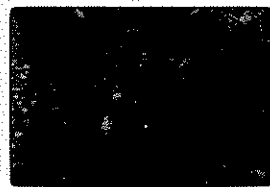
*Same as 35 4x*

11,23 JAN 75P3  
15205,70 8.2



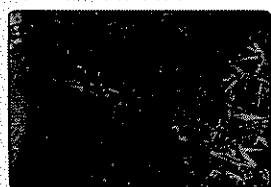
*Another view & piece of  
a glass vein*

2,23 JAN 75P3  
15205,70 8.2



*4x*

7,23 JAN 75P3  
15205,4 3.4



*Bx w/ basalt frags and  
pieces of "green glass  
sphere rock"*

8,23 JAN 75P3  
15205,4 3.4



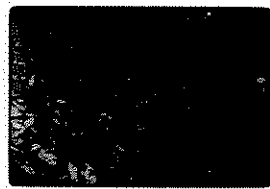
*4x*

9,23 JAN 75P3  
15205,70 8.2



*Sw. varicose basalt clasts,  
flow banding, glass,  
vitrobas*

10,23 JAN 75PS  
15205,70 3.2

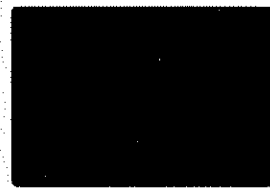


10XN

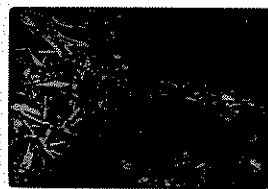
15205

9d 100

38

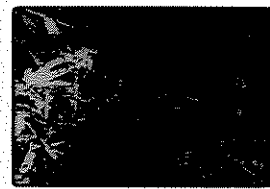


1,8 NOV 75PS  
15205,14 3.4



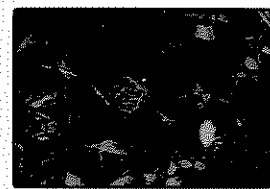
A3 & C2 clasts

2,8 NOV 75PS  
15205,14 3.4



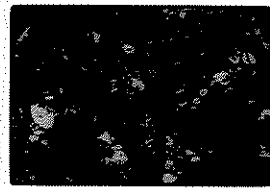
Same as 1, 10XN

3,8 NOV 75PS  
15205,16 3.4



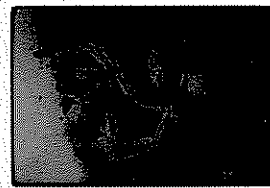
Roundish relicts of ophi. bas. in crushed bas. matrix

4,8 NOV 75PS  
15205,6 3.4



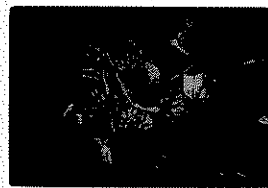
Same as 3 4XN

5,11 NOV 75PS  
15205,5 2.2



Superficial bas. w. ophi. clasts, cpx jackets

7,11 NOV 75PS  
15205,5 2.2



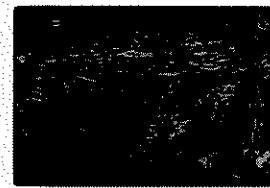
Same as 6 4XN

8,11 NOV 75PS  
15205,7 2.2



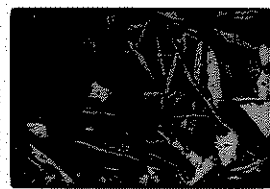
Coarse variety of pc, cpx, opx

9,11 NOV 75PS  
15205,7 2.2



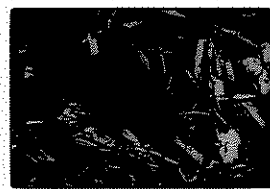
Same as 8 10XN

4,11 NOV 75PS  
15205,3 2.2



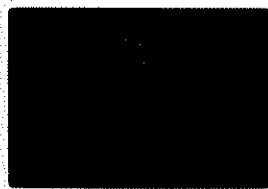
Intersected basalt - zones of cpx, pc, (opx + meso.)

5,11 NOV 75PS  
15205,3 2.2



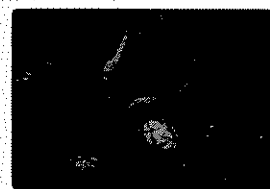
Same as 4 10XN

10,11 NOV 75PS  
15205,7 0.9



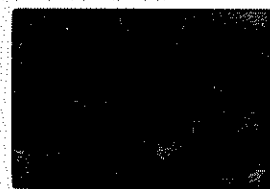
Intersected - in ophi. bas. clast cpx, pc, opx, a little brown glass, cristobalite

11,11 NOV 75PS  
15205,7 0.9



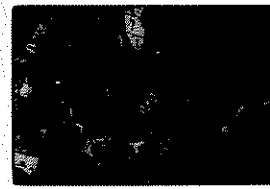
Same as 10 10XN

12,11 NOV 75PS  
15205,7 0.9



Intersected - Vitrophyre bas., early pc, late pc

13,11 NOV 75PS  
15205,7 0.9

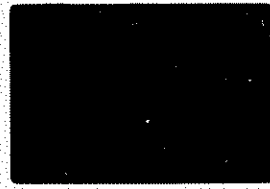


Same as 12 10XN

15205

9d 100

38



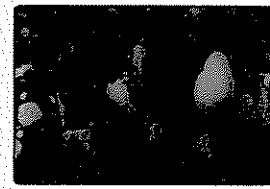
15205

9d 100

7

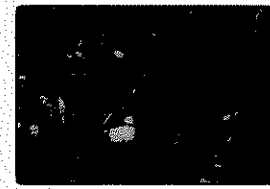


15,3 NOV 75PS  
15206,3 3.3



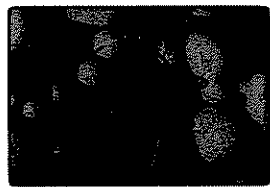
Fine flow banded & coarse basalt clasts in vitrophyre dev. of glass

15,3 NOV 75PS  
15206,3 3.3



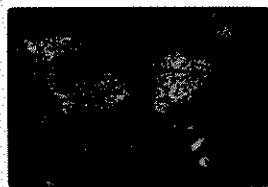
Same as 15 10XN

2, 3 SEP 71PS  
15206,3 0.9



Devit. vesic. glass matrix

18, 4 SEP 71PS  
15206,3



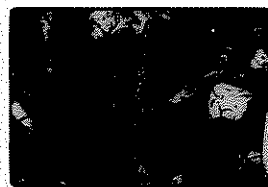
Shocked, broken down gangue px

18, 13 NOV 71PS  
15206,5 0.7



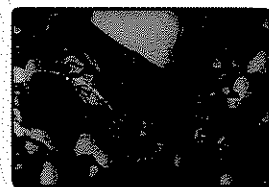
"Foliate" relict potholes in bas. clast - "folia" // c axis? - 418 not terminal?

19, 13 NOV 71PS  
15206,5 0.7



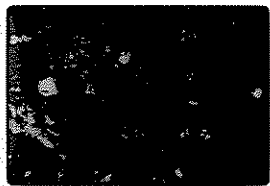
Same as 18 6xN

13, 23 JAN 75PS  
15206,4 3.4



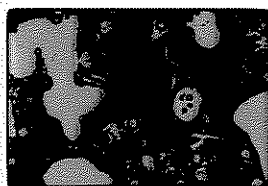
Vesiculated bx w/ shocked basalt frags

14, 23 JAN 75PS  
15206,4 3.4



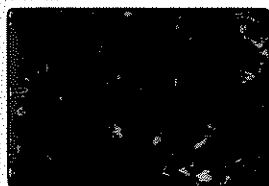
21xN

5, 23 JAN 75PS  
15206,4 3.4



Vesiculated bx

16, 23 JAN 75PS  
15206,4 3.4



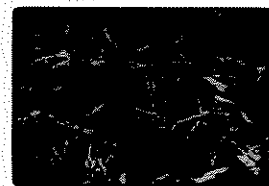
11xN

14, 13 NOV 71PS  
15206,5 2.2



Interstitial bas. clast. P's relict, ppx fractured & rot. sl.

15, 13 NOV 71PS  
15206,5 2.2



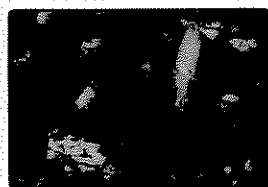
Same as 14 6xN

12, 13 NOV 71PS  
15206,4 2.2



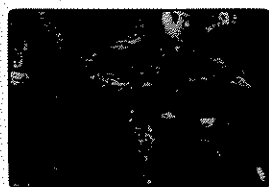
2 gabbro clasts, 1 extens. relict

13, 13 NOV 71PS  
15206,4 2.2



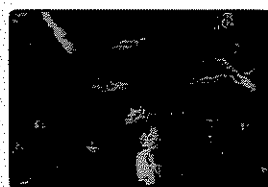
Same as 12 11xN

17, 13 NOV 71PS  
15206,5 0.9



Same as 16 closer

16, 13 NOV 71PS  
15206,5 0.9



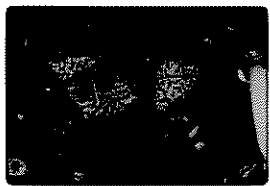
Same as 14 closer

4, 13 NOV 71PS  
15206,3 0.9



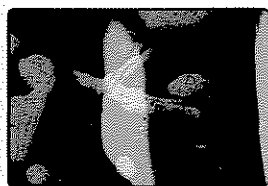
Cpx partly relict fine agg. Part of c. gabbro clast. P's partially relict

5, 13 NOV 71PS  
15206,3 0.9



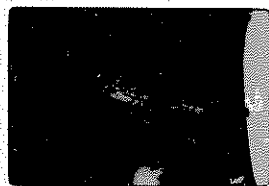
Same as 4 11xN

6, 13 NOV 71PS  
15206,3 0.9



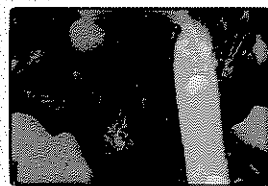
Ophitic bas. clast, P's relict

7, 13 NOV 71PS  
15206,3 0.9



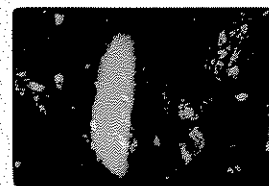
Same as 6 11xN

8, 13 NOV 71PS  
15206,3 2.2



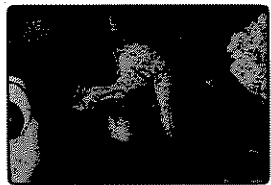
Gabbro clast of 10.4-0.8 + ophitic mare-like basalt clasts in devit glass matrix

9, 13 NOV 71PS  
15206,3 2.2



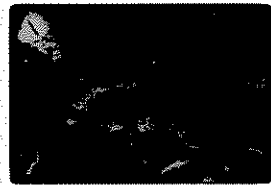
Same as 5 11xN

20, 13 NOV 71 P3  
15206, 5 0.7



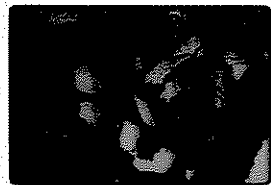
Ophit. bas clast, both  
py pr ex ilm

21, 13 NOV 71 P3  
15206, 5 0.7



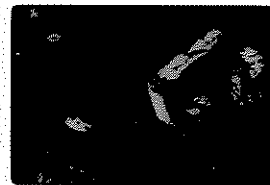
Same as 20 6XN

22, 13 NOV 71 P3  
15206, 5 2.2

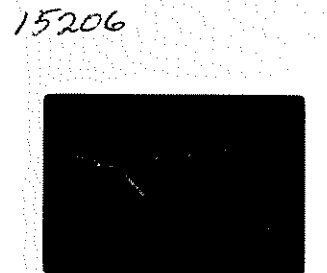


Largely melted, vesicular  
basalt clast, partly crystallized

23, 13 NOV 71 P3  
15206, 5 2.2

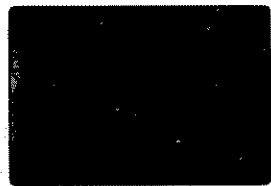


Same as 22 6XN



Same as 21 6XN

10, 13 NOV 71 P3  
15206, 3 0.7



Crystalline rim in partly  
melted basalt clast

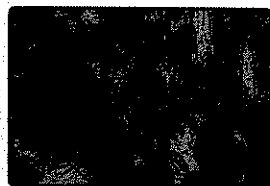
11, 13 NOV 71 P3  
15206, 3 0.7



Same as 10 6XN

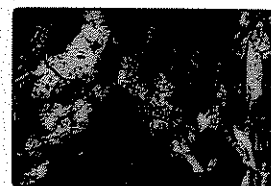
APOLLO 15  
Station 3:  
15016

20, 5 SEP 71 P6  
15016, 5 2.7



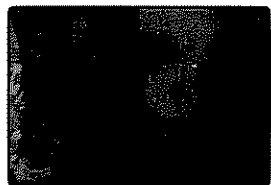
Dark Basalt

21, 5 SEP 71 P6  
15016, 5 2.7



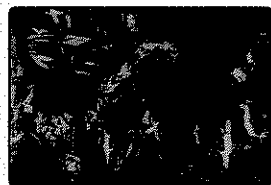
Same as 20 6XN

(29) RS-1 = 14, 13 DEC 71 P3  
15016, 6 5.3



Ol bas.

(30) RS-1 = 14, 14 DEC 71 P3  
15016, 6 5.3



Same as 29.6XN

APOLLO 15  
Station 4:  
15475-15499

(21) RS-1 = 12, 32 DEC 71 P3  
15475, 13 5.2



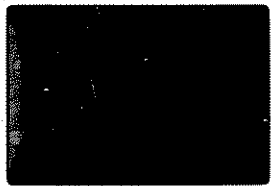
Zoned py-pr. basalt

(22) RS-1 = 12, 33 DEC 71 P3  
15475, 13 5.2



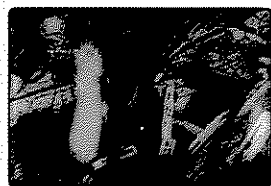
Same as 21 6XN

(23) RS-1 = 15, 13 DEC 71 P3  
15475, 13 5.3



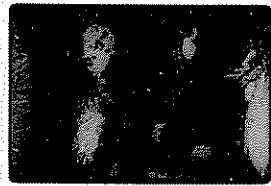
Same as 21 closer

(24) RS-1 = 15, 14 DEC 71 P3  
15475, 13 5.3



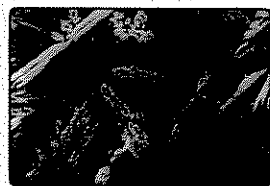
Same as 23 6XN

34, 12 NOV 71 P3  
15485, 5 6.6



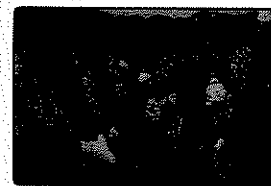
Pyx. Vitrophyre

35, 12 NOV 71 P3  
15485, 5 6.6



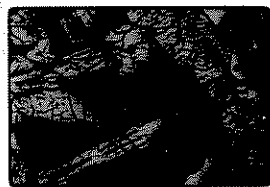
Same as 34 6XN

3, 13 NOV 71 P3  
15485, 5 3.4



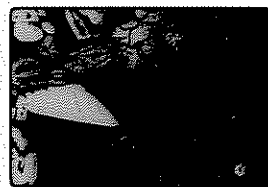
Brown glass vein end  
of vitrophyre

15,22  
15486,22 2.2



Ol (blue) & cpx

15,22  
15486,22 2.2



Same as 18 uen

16,22  
15486,22 3.4



Vitrophyre, mostly cpx  
some ol (red) uen

17,22  
15486,22 3.4



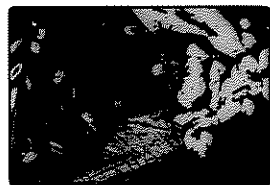
Same as 16 uen

20,22  
15486,22 2.2



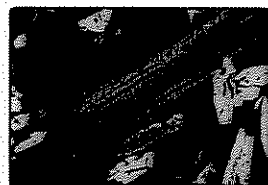
Skeletal Oliv (blue) uen  
in ground mass

21,22  
15486,22 2.2



Same as 20 uen

22,22  
15486 3.4



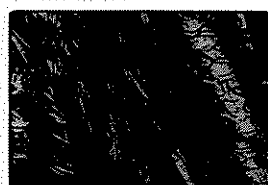
Vitrophyre, uen

31,22  
15495,93 3.4



Plume texture,  
diabase

32,22  
15495,93 3.4



Same as 35 uen

33,22  
15495,93 3.4



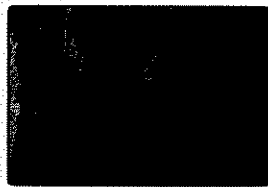
Diabase, uen

30,22  
15495,93 3.4



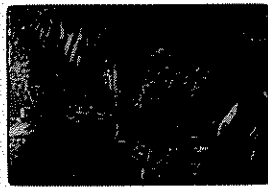
Diabase, uen

(25) RS-1=12,36 DEC 71 P3  
15495,11 3.2



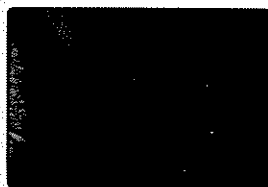
Zoned pyx. basalt

(26) RS-1=12,37 DEC 71 P3  
15495,11 3.2



Same as 25 uen

(27) RS-1=13,1 DEC 71 P3  
15495,11 5.3



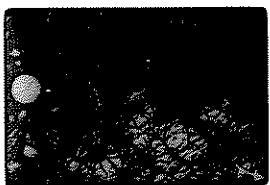
Zoned pyx. bas

(28) RS-1=13,2 DEC 71 P3  
15495,11 5.3



Same as 27 uen

10,24 JAN 75 P3  
15498,100 3.4



Soil box w/ coarse & fine  
basalts

11,24 JAN 75 P3  
15498,100 3.4



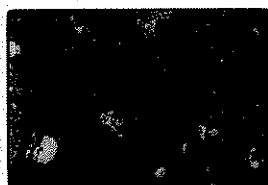
24 uen

36,17 DEC 71 P3  
15498,9 0.9



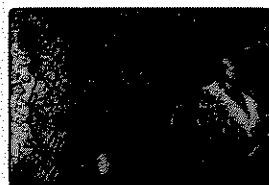
General view; plag "vit",  
D2, A1

37,17 DEC 71 P3  
15498,9 0.9



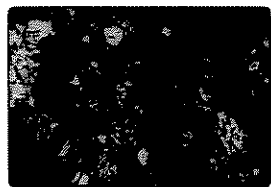
Same as 36 uen

34,17 DEC 71 P3  
15498,9 3.4



Coarse diabase basalt,  
fine intergran. basalt, etc  
Glassy matrix

35, 17 DEC 71P3  
15498, 9 3.4



Same as 34 LKN

19, 4 SEP 71P6  
15498, 4 3.3



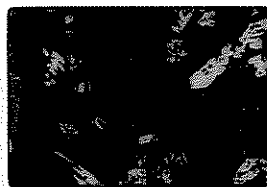
Breccia, Dune. Aligned  
clasts, big one masked by rite

⑨ RS, 2 = 14, 26 DEC 71P3  
15499, 7 3.2



Pig. Vitroplage

⑩ RS, 2 = 14, 27 DEC 71P3  
15499, 7 3.2



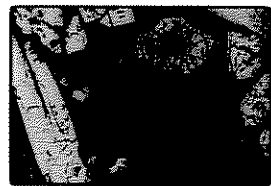
Same as 9 LKN

20, 4 SEP 71P6  
15499, 4 3.3



Skeletal, hollow zoned px  
in granule groundmass

21, 4 SEP 71P6  
15499, 4 3.3



Same as 20 LKN

15499



OCT 71P6

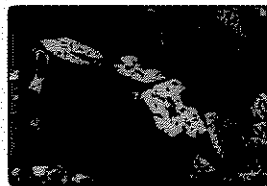
9

⑪ RS, 2 DEC 71P3  
15499, 7 3.3



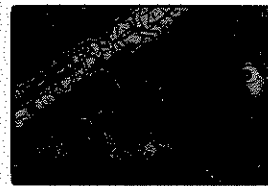
Pig. Vitroplage

⑫ RS, 2 DEC 71P3  
15499, 7 3.3



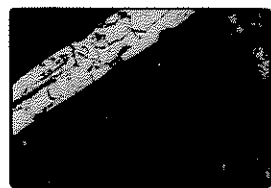
Same as 11 LKN

23, 4 SEP 71P6  
15499, 4 3.3



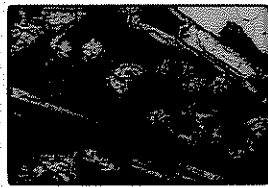
Skeletal hollow zoned px  
in granule groundmass

24, 4 SEP 71P6  
15499, 4 3.3



Same as 23 LKN

25, 4 SEP 71P6  
15499, 4 3.3



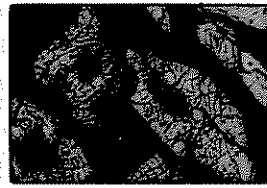
Hollow zoned px + skeletal  
Oliv - Blue LKN

26, 4 SEP 71P6  
15499, 4 3.3



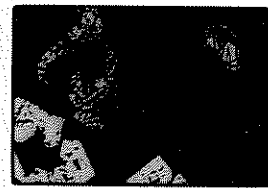
Same as 25 LKN

27, 4 SEP 71P6  
15499, 4 2.2



Hollow zoned px

28, 4 SEP 71P6  
15499, 4 2.2

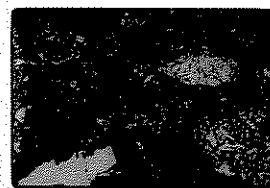


Same as 27 LKN

APOLLO 15

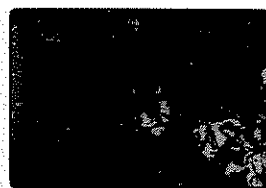
Station 6:  
15255-15299

19,23 JAN 75PS  
15255,76 3.4



Soil bx w/ basalt, D<sub>1</sub>, D<sub>2</sub>,  
glass, muscovite

20,23 JAN 75PS  
15255,76 3.4



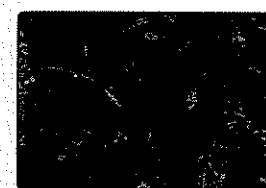
ULXN

21,23 JAN 75PS  
15256,16 3.4



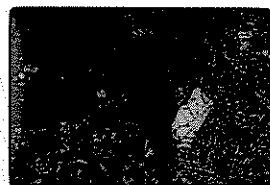
Bxiated, remelted basalt

24,23 JAN 75PS  
15256,16 8.7



ULXN

23,23 JAN 75PS  
15256,16 2.7



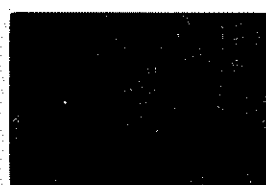
Block melted basalt

22,23 JAN 75PS  
15256,16 3.21



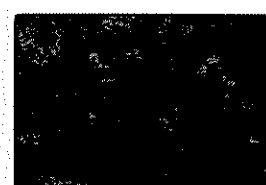
ULXN

9,14 NOV 71  
15256,23 0.9



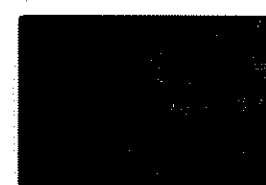
Close of Relict? pc in D<sub>2</sub> -  
Prisms of low Bt cpx poikils  
and pc

10,14 NOV 71  
15256,23 0.9



Same as 9 ULXN

11,14 NOV 71  
15256,23 0.9



Another relict pc? w. v.  
Coarsely relict matrix

12,14 NOV 71  
15256,23 0.7



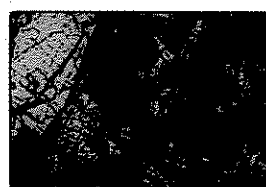
Same as 11 ULXN

32,14 NOV 71  
15256,16 0.9



Relict opx (all relict opx cl.  
where). Note ptx cores in dark  
matrix pc's

33,14 NOV 71  
15256,16 0.9



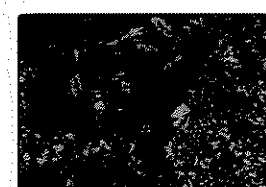
Same as 32 ULXN

34,14 NOV 71  
15256,16 2.7



Patting, clast-like charac.  
of Relict, relict opx rt.

35,14 NOV 71  
15256,16 2.7



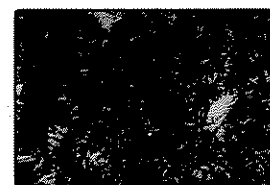
Same as 34 ULXN

36,14 NOV 71  
15256,16 3.4



Patting var. in grain size  
of opx cpx relicts

37,14 NOV 71  
15256,16 3.4



Same as 36 ULXN

(21) RS-2 DEC 71  
15256,23 2.2



Relict pc, in relief due  
to holes, bubbles?

(22) RS-21 DEC 71  
15256,23 2.2



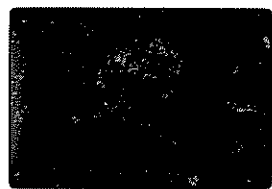
Same as 21  
Relict pc in extr.

(23) RS-2 DEC 71  
15256,23 2.2



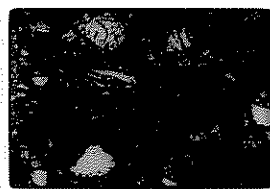
Another relict pc

24, 23 DEC 71P3  
15256,23 2.2



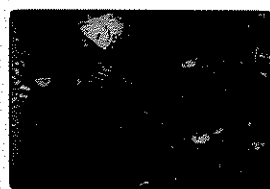
Same as 23 LKN

25, 23 JAN 75P3  
15257,4 3.4



Soil bx

26, 23 JAN 75P3  
15257,4 3.4



LKN

5, 15 DEC 71P3  
15265,7 3.4



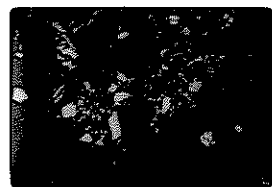
Rounded C1, C5, D1 with  
2 D2 incls, A3, glass, min.  
frags.

8, 15 DEC 71P3  
15265,9 2.2



Annular clast-rich D2  
+ C5 & D1

7, 15 DEC 71P3  
15265,9 2.2



Same as 6 LKN

8, 15 DEC 71P3  
15265,9 2.2



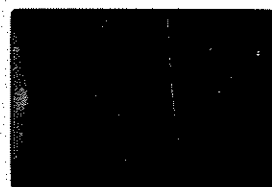
Pc rock (pc strongly zoned)  
w/ clust. interst. glass, A1,  
D1

9, 15 DEC 71P3  
15265,9 2.2



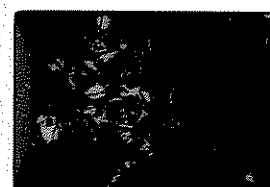
Same as 8 LKN

10, 15 DEC 71P3  
15265,9 2.2



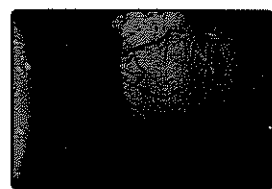
Same as 8

11, 15 DEC 71P3  
15265,9 2.2



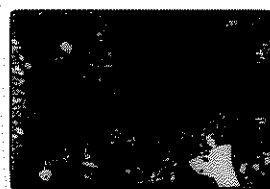
Same as 9 LKN

12, 15 DEC 71P3  
15265,9 2.2



A1, D1, C5 (oliv.) clasts

13, 15 DEC 71P3  
15265,9 2.2



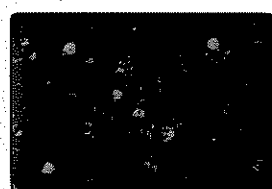
Same as 12 LKN

14, 15 DEC 71P3  
15265,9 2.2



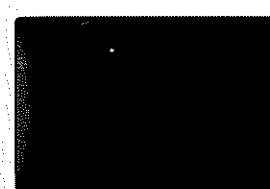
Metanorite = D2, relict  
Pc, opx

15, 15 DEC 71P3  
15265,9 2.2



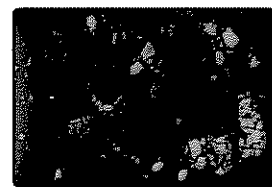
Same as 14 LKN

16, 15 DEC 71P3  
15265,9 0.9



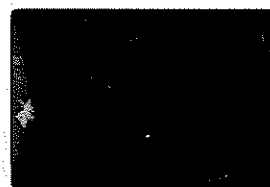
Annular crushed gabbro  
anorth. Relict pc, opx?  
Gpx

17, 15 DEC 71P3  
15265,9 0.9



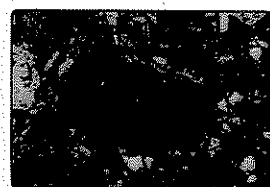
Same as 16 LKN

18, 15 DEC 71P3  
15265,10 0.4



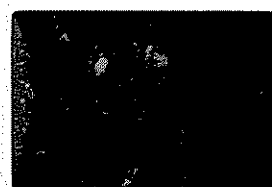
Relict matrix of D2 in  
photo #6

19, 15 SEP 71P3  
15265,7 2.2



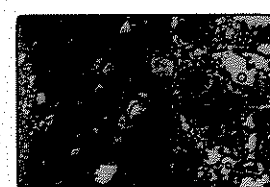
D1d with 2 D1b's (one on  
edge) in glassy breccia

20, 23 JAN 75P3  
15269,4 3.4



LKN

27, 23 JAN 75P3  
15269,4 3.4



Vesiculated soil bx

24, 13 NOV 71 P3  
15285, 12 0.9



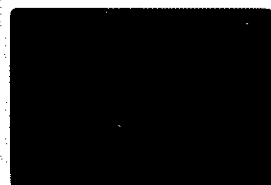
Ophit. basalt 20. brown  
Px, Px-pc rock 11/2

25, 13 NOV 71 P3  
15285, 12 0.9



Same as 24 10xV

26, 13 NOV 71 P3  
15285, 13 0.7



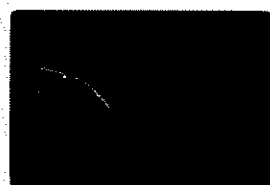
29  
Pc-rich, Notz found  
holes in same pgs. Poik. cpx

27, 13 NOV 71 P3  
15285, 12 0.9



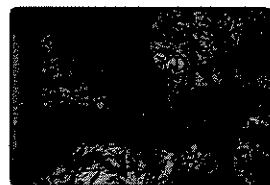
Same as 26 10xV

28, 13 NOV 71 P3  
15285, 13 0.9



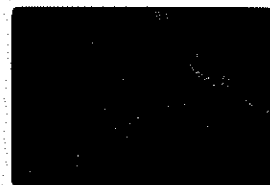
Px-rich norite, poik. pc

29, 13 NOV 71 P3  
15285, 13 0.9



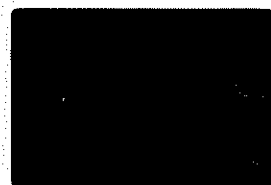
Same as 25 10xV

30, 13 NOV 71 P3  
15285, 13 2.7



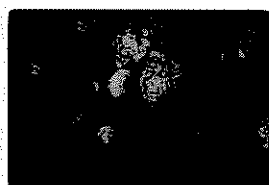
Same as 25 further

31, 13 NOV 71 P3  
15285, 13 2.2



Same as 25, further

32, 13 NOV 71 P3  
15285, 13 2.2



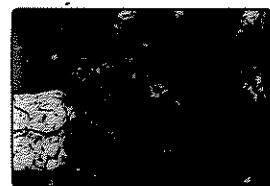
Same as 31 10xV

33, 13 NOV 71 P3  
15285, 13 0.7



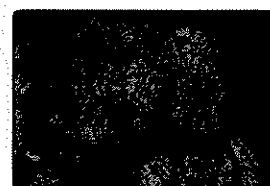
Df 20, poikilobl. ope. Px  
microclasts ope, cpx

34, 13 NOV 71 P3  
15285, 13 0.7



Same as 33 10xV

35, 13 NOV 71 P3  
15285, 15 0.9



Bunt ope w. cpx lamellae

36, 13 NOV 71 P3  
15285, 15 0.9



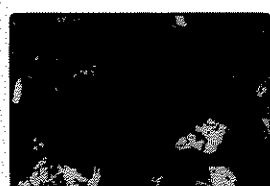
Same as 35 10xV

37, 13 NOV 71 P3  
15285, 12 0.6



small 445-like vitrophyre  
w. 3 skeletal zones  
pigs

38, 13 NOV 71 P3  
15285, 12 0.6



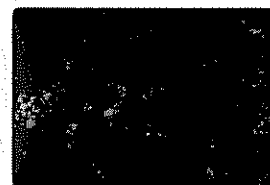
Same as 37 10xV

14, 12 NOV 71 P3  
15298, 7 0.9



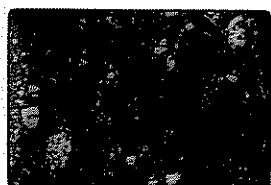
Clst of pc plagioclase  
cpx in cpx

15, 12 NOV 71 P3  
15298, 7 0.9



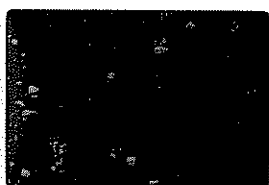
Same as 14 10xV

19, 23 JAN 75 P3  
15298, 6 3.4



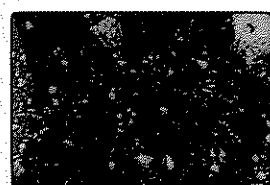
Gill bx, coarse hornfels

20, 23 JAN 75 P3  
15298, 6 3.4



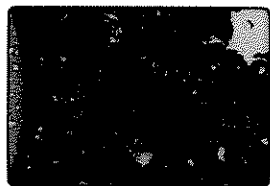
10xV

31, 23 JAN 75 P3  
15298, 108 3.4



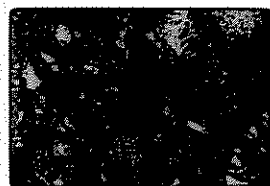
Gill bx

32,23 JAN 75P3  
15299,108 3.4



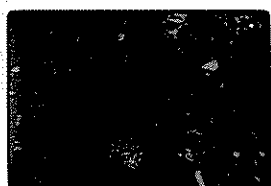
UXIV

33,23 JAN 75P3  
15299,109 3.4



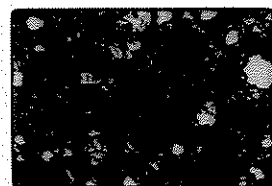
Soil bx w/ bracket

34,23 JAN 75P3  
15299,109 3.4



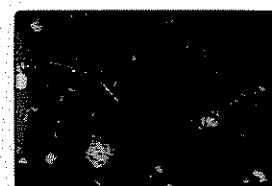
UXIV

35,23 JAN 75P3  
15299,107 3.4



Soil bx

36,23 JAN 75P3  
15299,107 3.4



UXIV