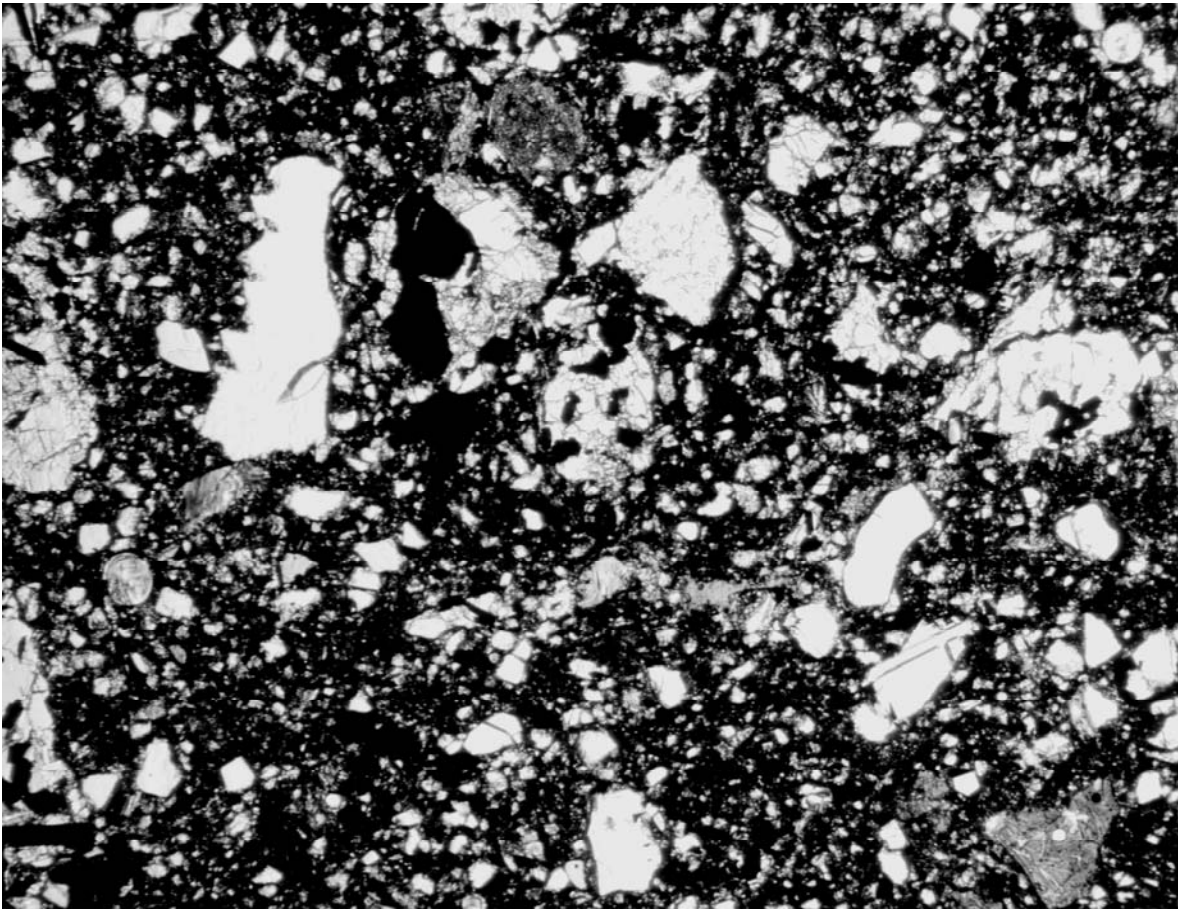




10093,0 S-76-25989



SECTION: 10093,5 Width of field 1.35 mm plane light S-76-28121

SECTION: 10093,5

SUMMARY: Partly devitrified typical breccia with abundant crystallites in the matrix. Over one half of the matrix is composed of small crystallites giving the overall appearance of the matrix a light brown coloration.

MATRIX 75% OF ROCK

<u>PHASE</u>	<u>% OF SECTION</u>	<u>SHAPE</u>	<u>SIZE (MM)</u>	<u>COMMENTS</u>
Lt to dk brn	100%	- -	<0.001	Moderate glass content; high crystallite content.

MINERAL CLASTS 12% OF ROCK

<u>PHASE</u>	<u>RELATIVE ABUNDANCE</u>	<u>SHAPE</u>	<u>SIZE(mm)</u>
Pyroxene ₁	Very abundant	Angular to irregular	0.001-0.4
Plagioclase ₂	Moderate	Blocky to irregular	0.001-0.4
Opagues ₃	Few	Skeletal to blocky	0.001-0.1

- 1) Many show poor optical characteristics; mainly smaller fragments.
- 2) A few large shards; most show good twin planes.
- 3) A few larger blocky crystals; numerous small fragments in matrix.

LITHIC CLASTS 9% OF ROCK

<u>TYPE</u>	<u>RELATIVE ABUNDANCE</u>	<u>SHAPE</u>	<u>SIZE(MM)</u>
Small	Very abundant	Round to irregular	0.001-1.0
Large ₄	One present	Irregular	>1.0

- 4) A fine-grained basalt consisting of pyroxene, plagioclase and ilmenite.

GLASS CLASTS 4 % OF ROCK

<u>TYPE</u>	<u>RELATIVE ABUNDANCE</u>	<u>SHAPE</u>	<u>SIZE(MM)</u>
Yellow-Orange ₅	Very abundant	Angular to spherical	0.001-0.6
White ₆	Few	Angular to spherical	0.001-0.3

- 5) Approximately half angular shards and half spheres or part spheres: some devitrification.
- 6) Mostly angular shards; a few part spheres.

HISTORY AND PRESENT STATUS OF SAMPLES 7/15/76

10093 was part of 10002,22 (Bulk Sample generic processed in the Bio-Prep Lab.) Upon re-examination in SSPL it was assigned its own generic number and allocations were made for thin sections and chemical analysis.

PRISTINE SAMPLES

0 24.17 gm Rock. Three pitted surfaces. VAC-SSPL

NO RETURNED SAMPLES