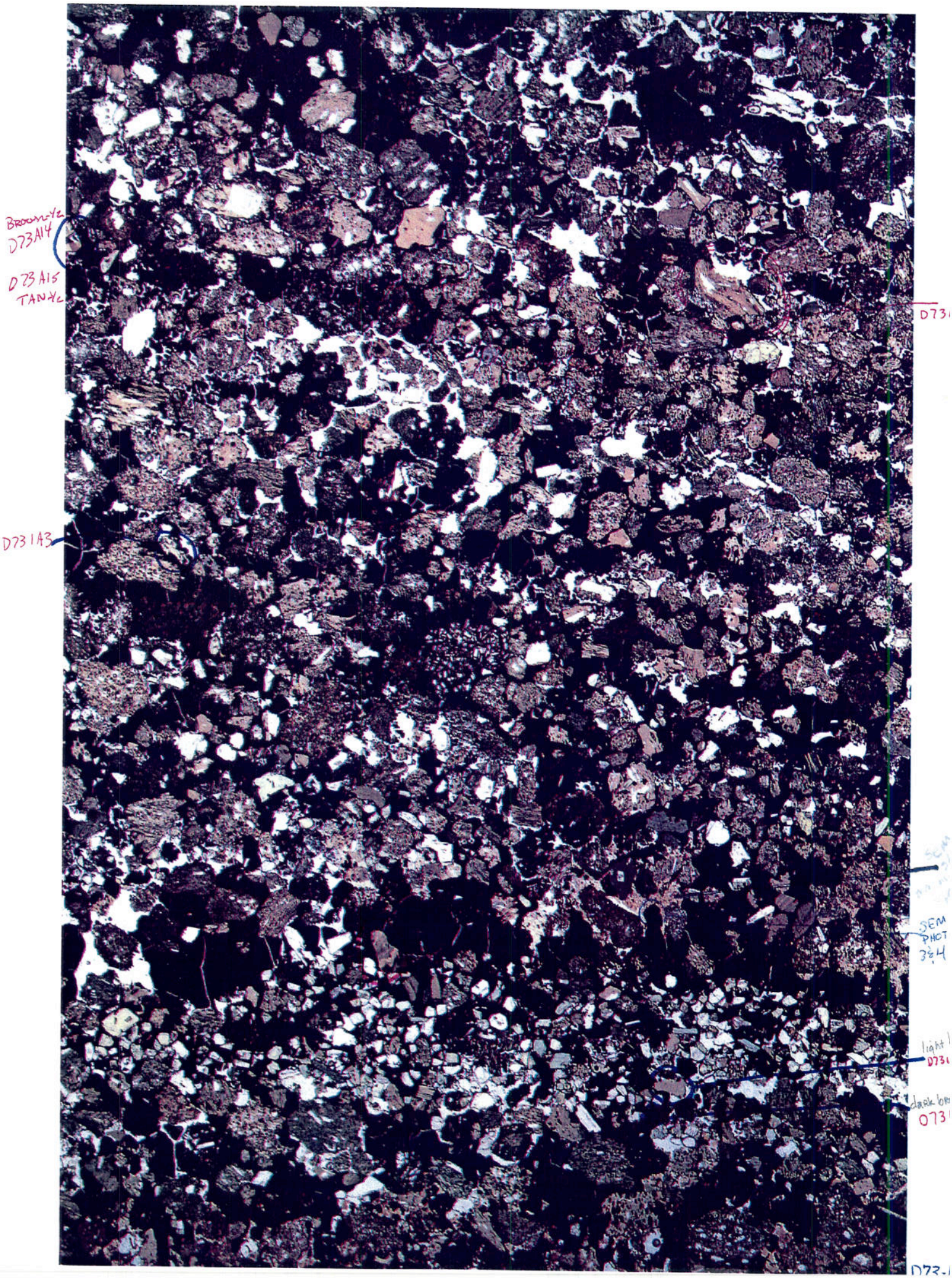
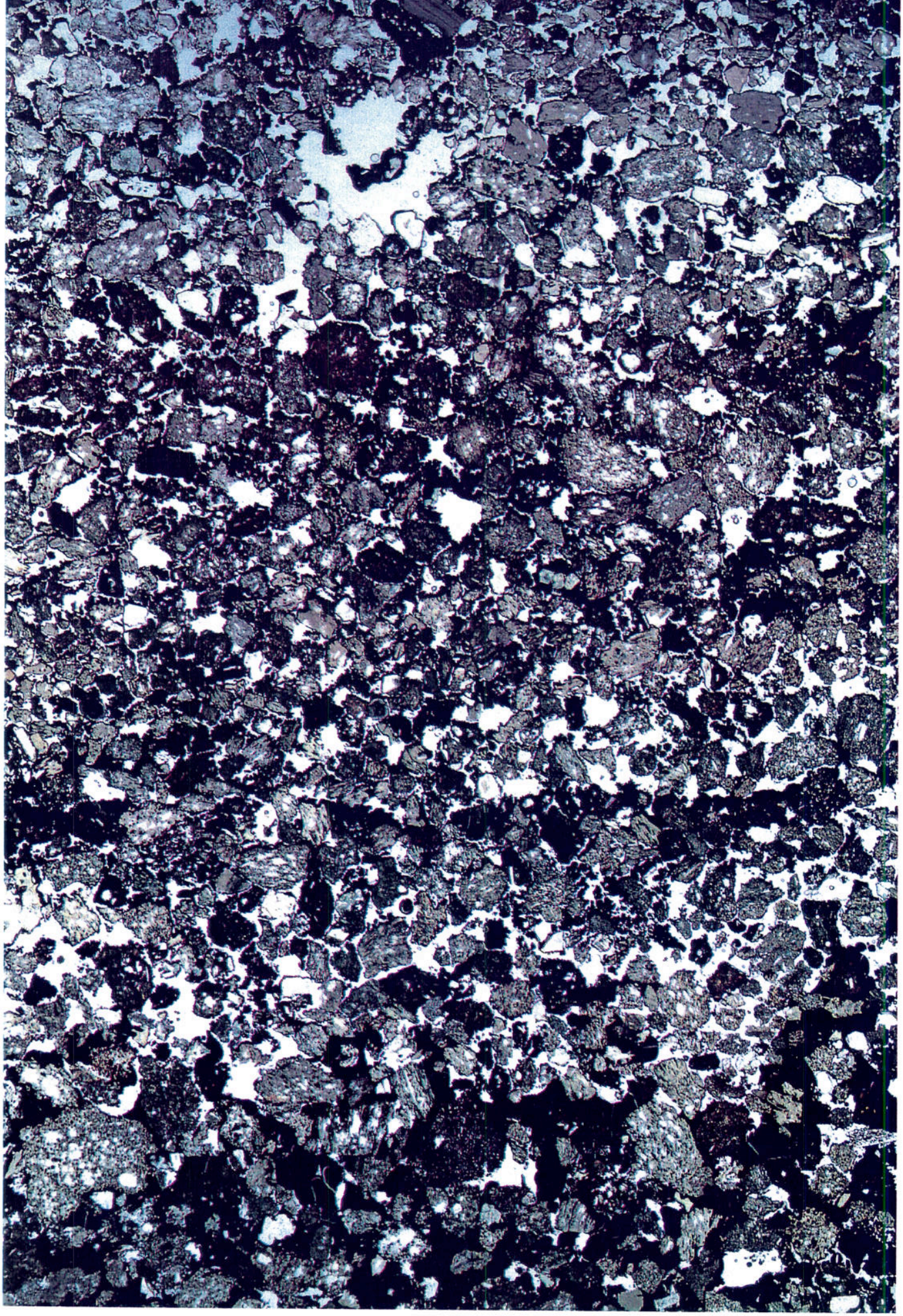
D73-14


BROWN-Y2
D73A14
D73A15
TAN Y2
D73
D73 1A3
SEM
PHOT
3&4
light
D73
dark br
D73
D73-



D73-11

Petrographic Descriptions

Cruise ID D73-1A

Sample # TT192

Two Overlapping [illegible]

Stratabound oxide Layer

Stratabound oxide-replaced Sandstone

Stratabound oxide-cemented Sandstone

Fe-Mn Crust

Mn Textures:

Dense
- Massive
- Laminated
  - Planar
  - Wavey

Colloform
- Columnar
- Laminated
- Aggregate Radial

Stockwork

Crystal Form: Radial-fibrous Spherulitic Aligned Tabular Euhedral Void Fill

[illegible] reflecting [illegible]

Grain Supported

Cement Supported

Fracture Orientation

Fracture Fill

Porosity

Alteration and replacement of grains [illegible]

[illegible] thick layers [illegible] Mn [illegible] Furred texture that [illegible]

[illegible] When in contact with colloform layers [illegible]

[illegible] Mn [illegible]

Colloform layers are thinner bands than other samples of this study

Photo(s) Taken of

SEM:

Microprobe Glasses

½ Brown ½ Tan glass in reflected light the contact is not obvious, it is marked by indentations on either side of fragment at the contact

Grain Counts

	Unaltered	Altered
16	Volcanic Rock Fragments 卌 卌 卌 |	卌 卌 卌 卌 卌 ||| 28
64	Volcanic Glass 卌 卌 卌 卌 卌 卌 卌 卌 卌 卌 卌 卌 |	卌 |||
	Mineral Grains	
3	Pyroxene ||| clinc	
	Olivine	
4	Plagioclase ||||	
	K-spar	
	Amphibole	
	Quartz	
	Others	
	Microfossils	
	Others	
	Matrix	
54	Pore Space 卌 卌 卌 卌 卌 ||||	
54	Mn Cement 卌 卌 卌 卌 卌 卌 卌 卌 卌 卌 |	
	Other Cements	

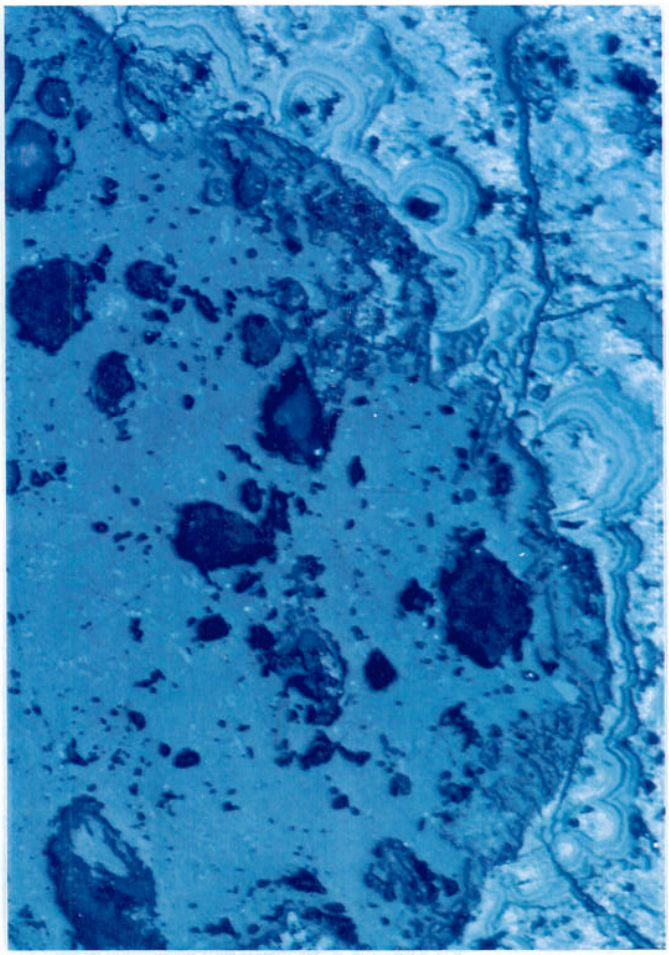
Transmitted Light Notes

Fresh Volcanic Glass Fragments, (are some altered too), pale brown to clear in plane transmitted light on the great part, [illegible] and porphyritic; V.R.F. also ion [illegible] of [illegible], a few forams,

There is a layer of mineral grains which is smaller grain size layer.

Coarse grained, Angular to sub-rounded, Grain supported, poorly [illegible]

photo of altered vesicular glass. & Flowbanded glass

Forams appear to be degraded, many shards of flowbanded glass, several pieces of glass with clusters of dark crystals. Opaques in glass Fragments.

Print File
ARCHIVAL PRESERVERS
PHOTO PLASTIC PRODUCTS, INC. P.O. BOX 17638 ORLANDO, FLORIDA 32860 • (305) 886-3100
STYLE NO. 45-4B
INSERT EMULSION SIDE DOWN
DATE
ASSIGNMENT
FILE NO: