

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 10 / 2019
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

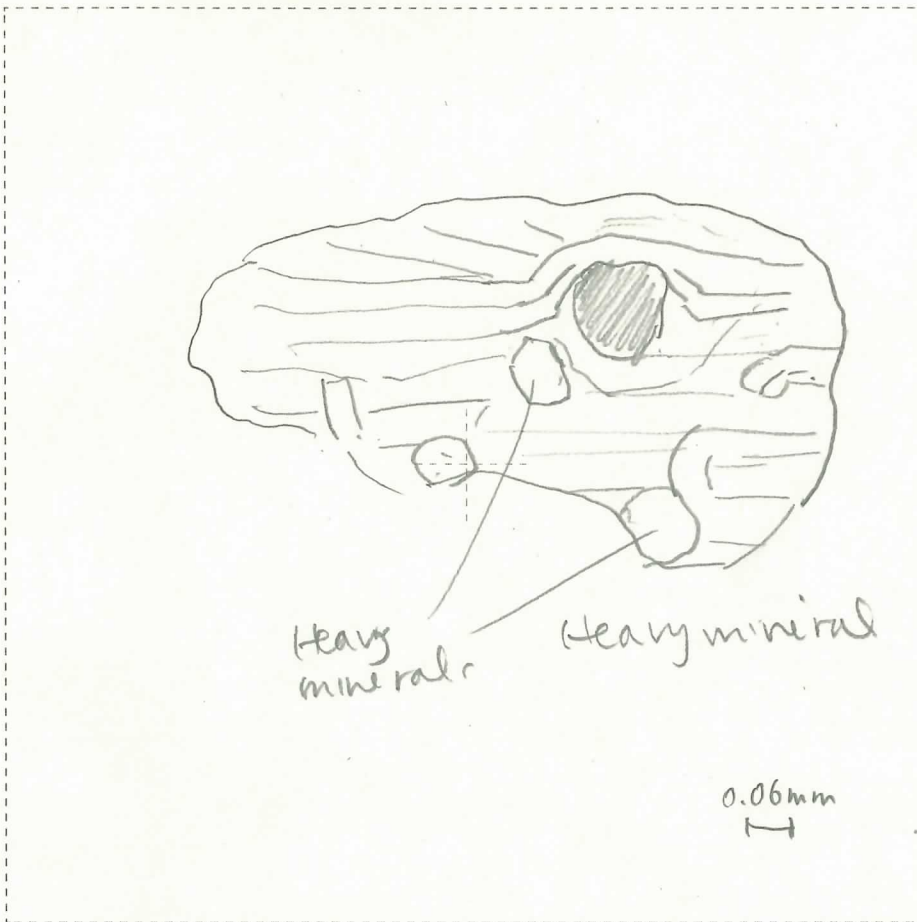


Image file name: _____

~~Rock~~ Sediment type: Clast of Dense mineral.

Comments: _____

Granules in sand
Object: _____

?

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 / 07 / 2019
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: SW

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

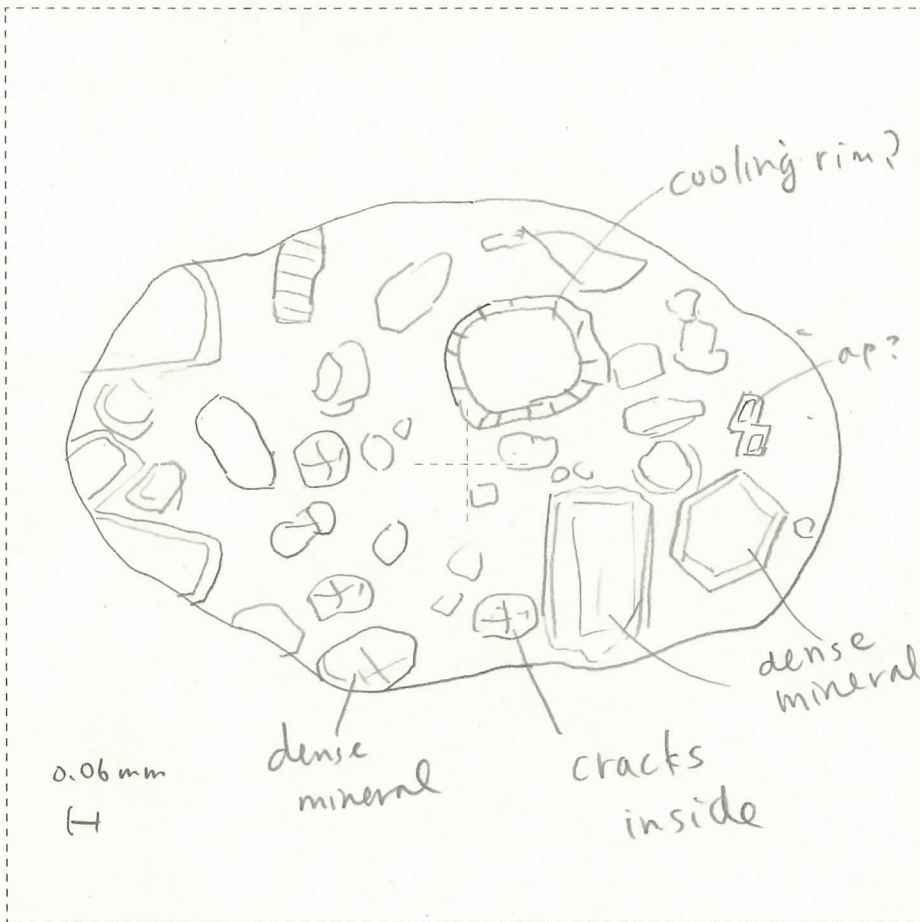


Image file name: _____

Rock
Sediment type: Basalt (volcanic rock)

Granules in sand
Object: _____

Comments:

- composed of heavy minerals, opaque grains
- Black-brown matrix
- Crystals are fractured inside
- Some have outer rims (rounded)

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 / 07 / 20 19
(d/m/y)

Expedition Number: 358

Site: COU24

Hole: 6

Core: 18x

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____



Image file name: _____

~~Sediment~~ type: Basalt

Comments:

Composed of feldspar, pyrite (opaque grain)
heavy mineral (fractured inside due to cooling?)
(pyroxene?)
black-brown matrix

Granules in sand

Object: _____

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 / 07 / 20 19
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18 X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

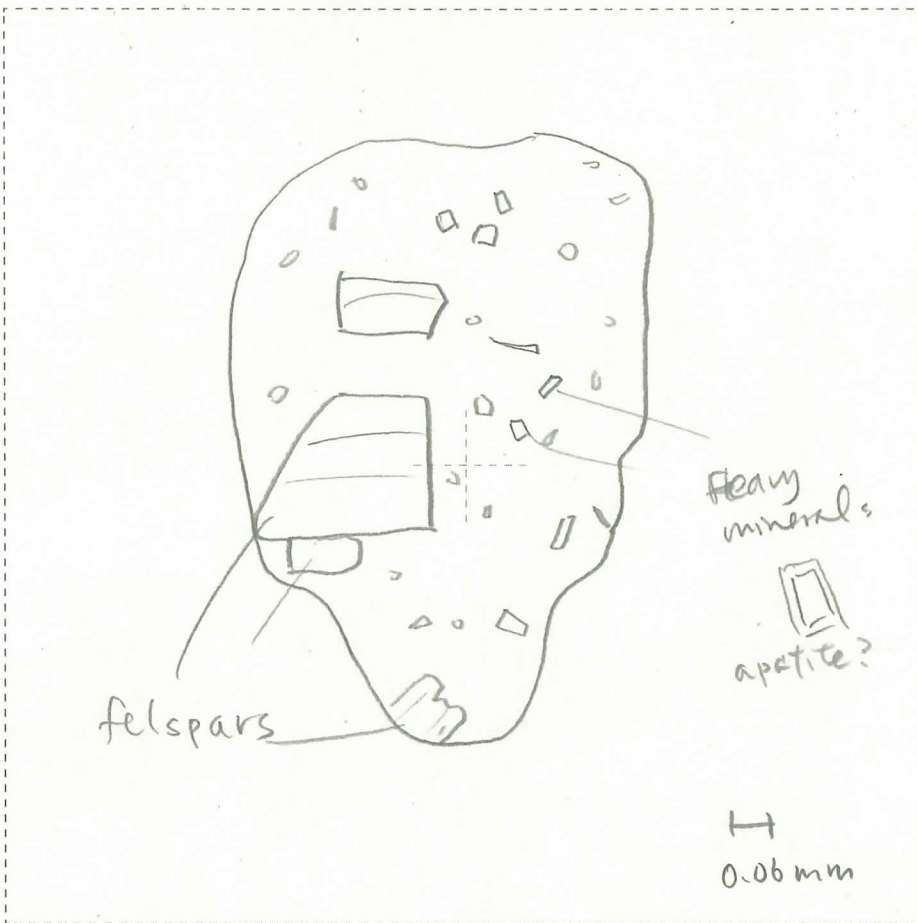


Image file name: _____

Rock
Sediment-type: Basalt

Granules in sand
Object: _____

Comments:

Composed of felspars, ^{some} heavy minerals
(randomly oriented crystals)

dark black matrix

needle shaped minerals are also feldspar / zeolite.

Observation Sheet (SEM / Microscope)

Observer: MT

Date: 17 / 7 / 2019
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: 6

Core: 18x

Section: SW

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

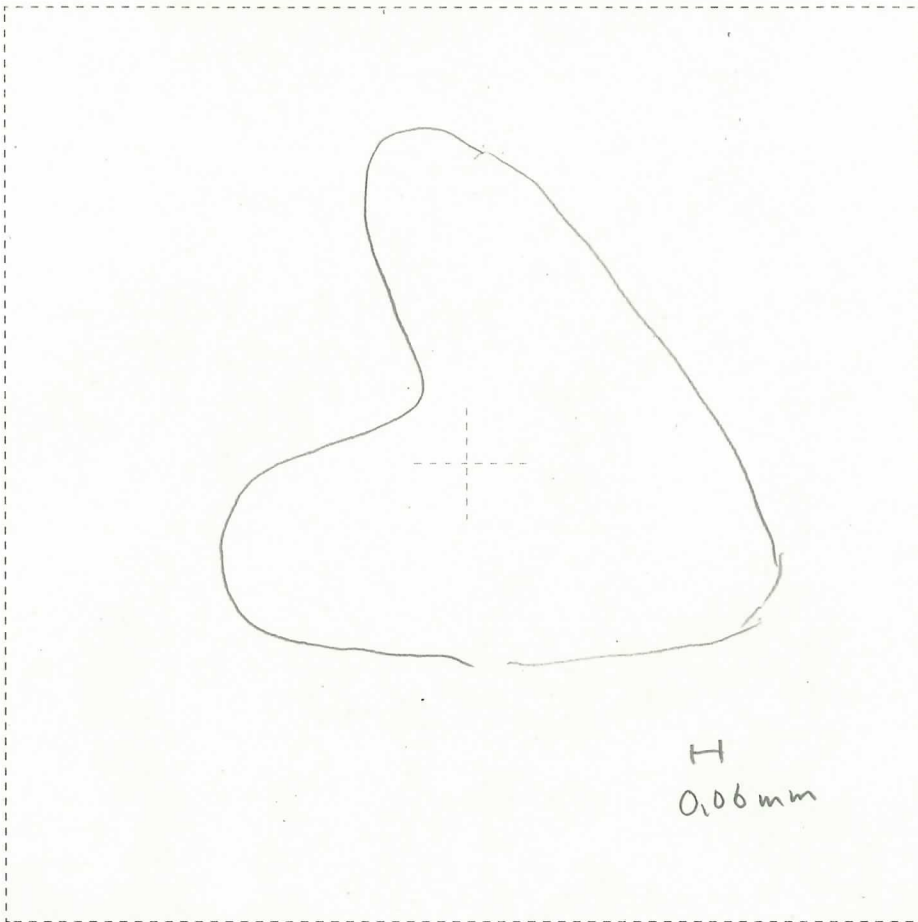


Image file name: _____

rock
Sediment type: Siltstone

Comments:

Composed of quartz, clay minerals, pyrite, organic material, mudstone lithics, few mica.

Granules in sand

Object: _____

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 10 20 19
(d/m/y)

Expedition Number: 358

Site: 0024

Hole: 6

Core: 18x

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

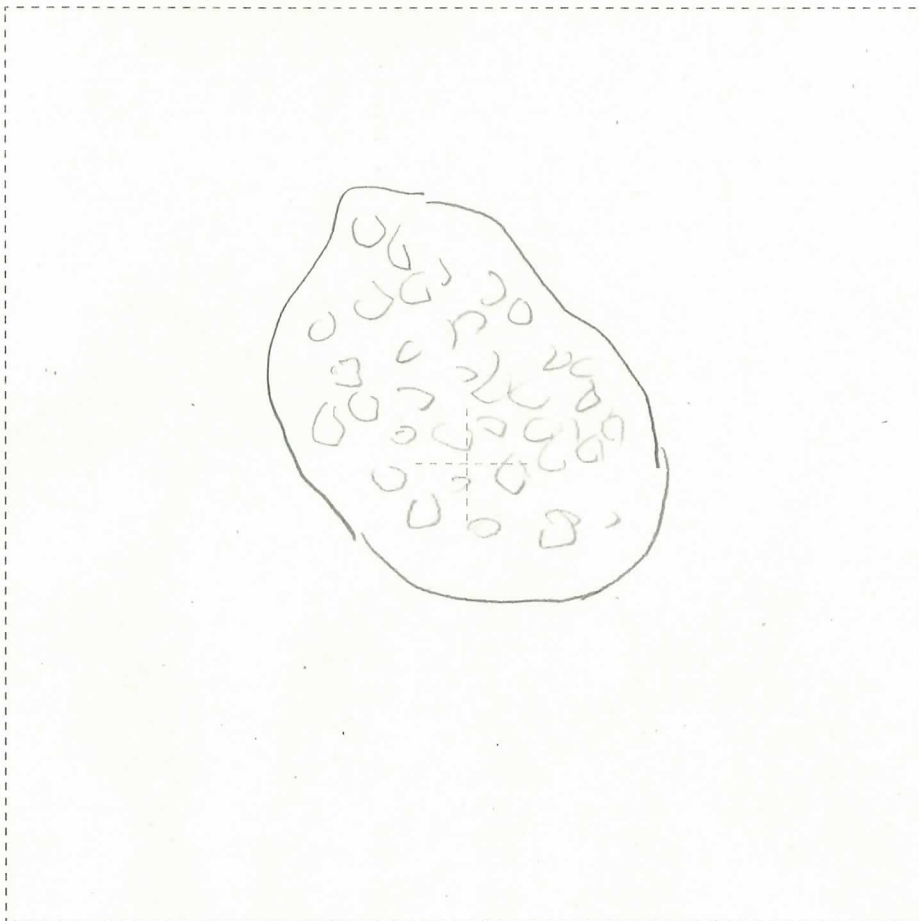


Image file name: _____

~~rock~~
Sediment type: Sandstone

Granules in sand
Object: _____

Comments:

Composed of grains of quartz, opaque grain (pyrite)
feldspar, mica, clay mineral

Observation Sheet (SEM / Microscope)

Observer: MH

Date: 17 / 07 / 20 19
(d/m/y)

Expedition Number: 358

Site: 0024

Hole: 9

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

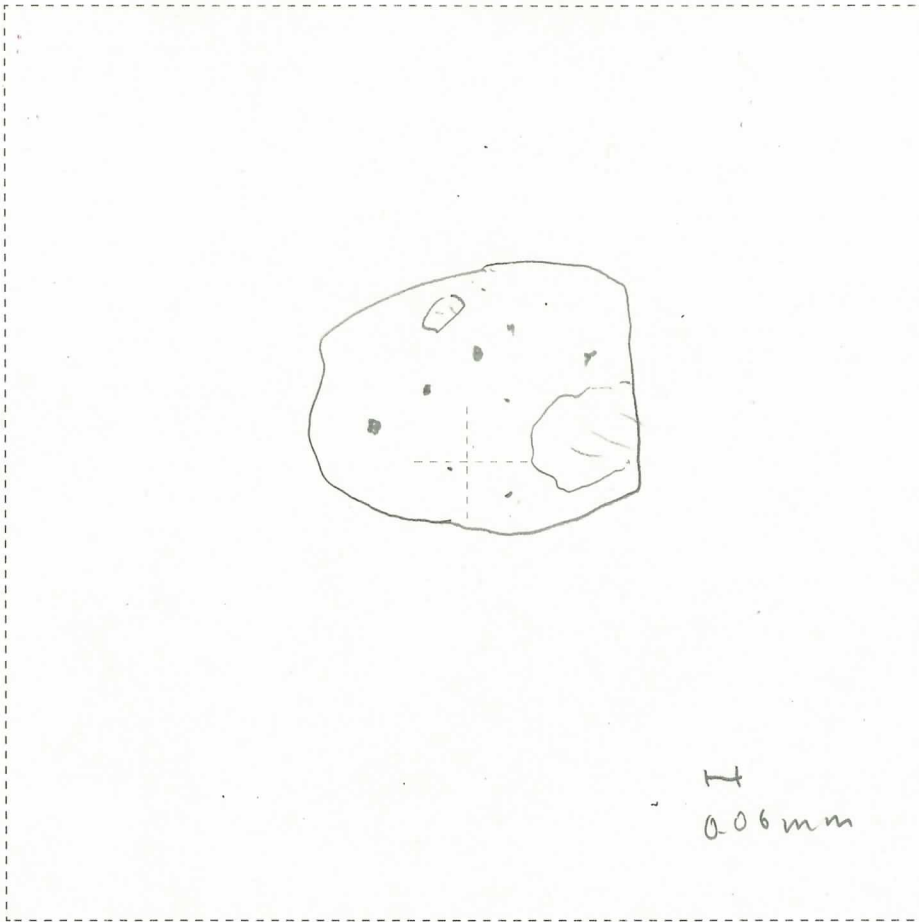


Image file name: _____

~~rock~~
Sediment type: Mudstone

Comments:

Composed of clay minerals, mudstone lithics
opaque grains (pyrite)

Granules in sand
Object:

Observation Sheet (SEM / Microscope)

Observer: MH

Date: (7 10) / 20 (9
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: 6

Core: 18 x

Section: 5 W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

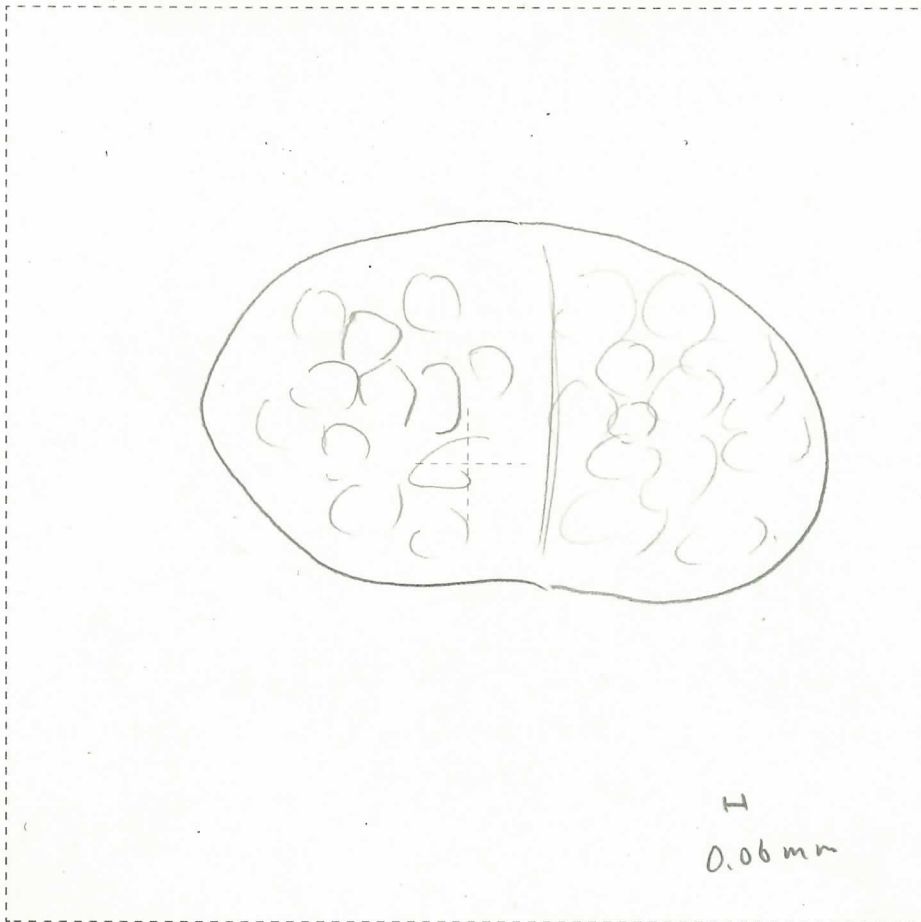


Image file name: _____

~~Rock~~
Sediment type: Sedimentary rock

Comments: _____

Granules in sand
Object: _____

Composed of mudstone lithics. (shape is rounded)
↳ biogenic?

Observation Sheet (Visual Cuttings Description)

Observer: MH

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(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

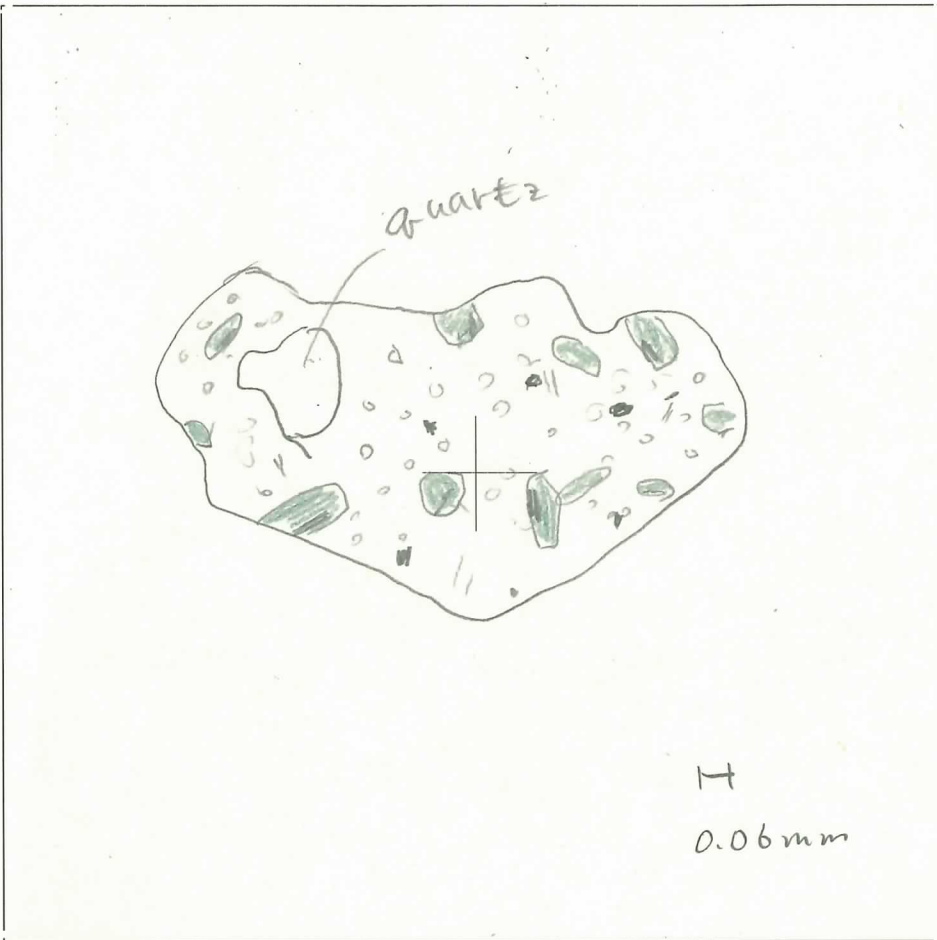


Image file name: _____

Rock
Sediment type: Mudstone

Comments: (poorly sorted)

Composed of grains of chlorite, pyrite (opaque grains)
quartz, feldspar, lithics (mudstone etc), clay minerals

Granules in sand
Object: _____

Observation Sheet (Visual Cuttings Description)

Observer: MH

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(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: SW

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

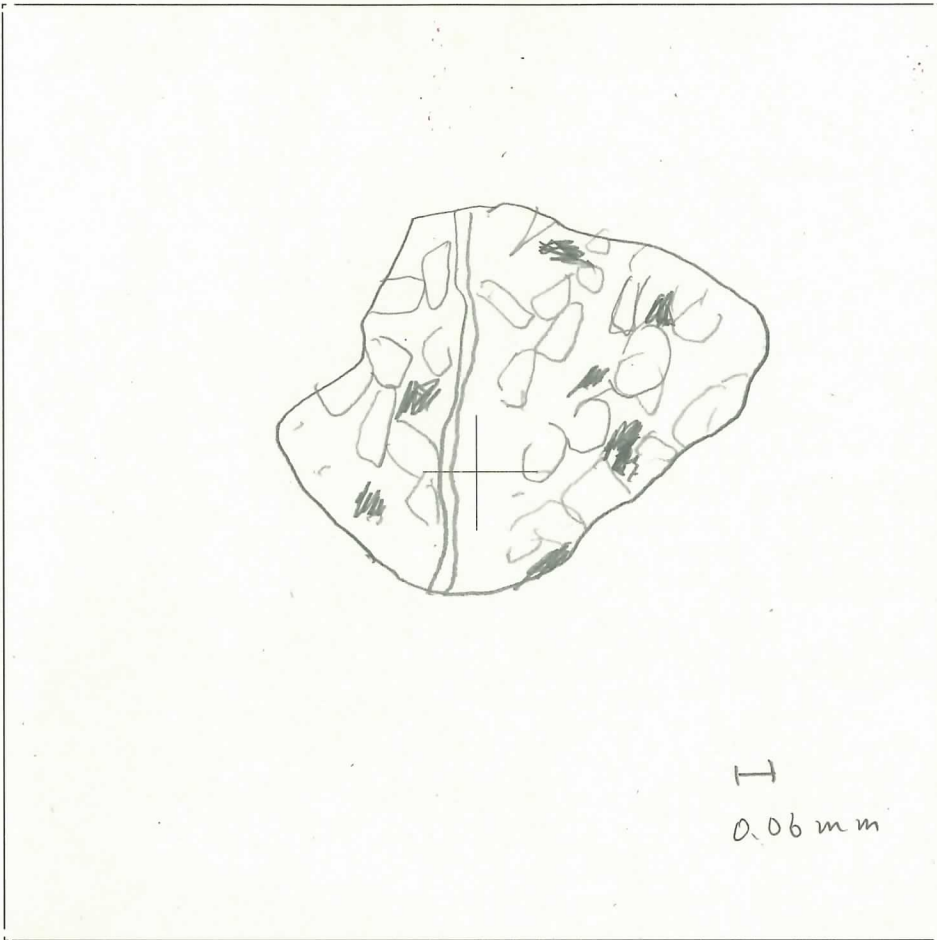


Image file name: _____

rock
Sediment type: Sandstone

Granules in sand
Object: _____

Comments:

Composed of grains of quartz, feldspar, polycrystalline quartz, mica (pyrite coated), organic material + pyrite.
mudstone lithics, cut by quartz vein.

Observation Sheet (Visual Cuttings Description)

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Date: 17 10 2019
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

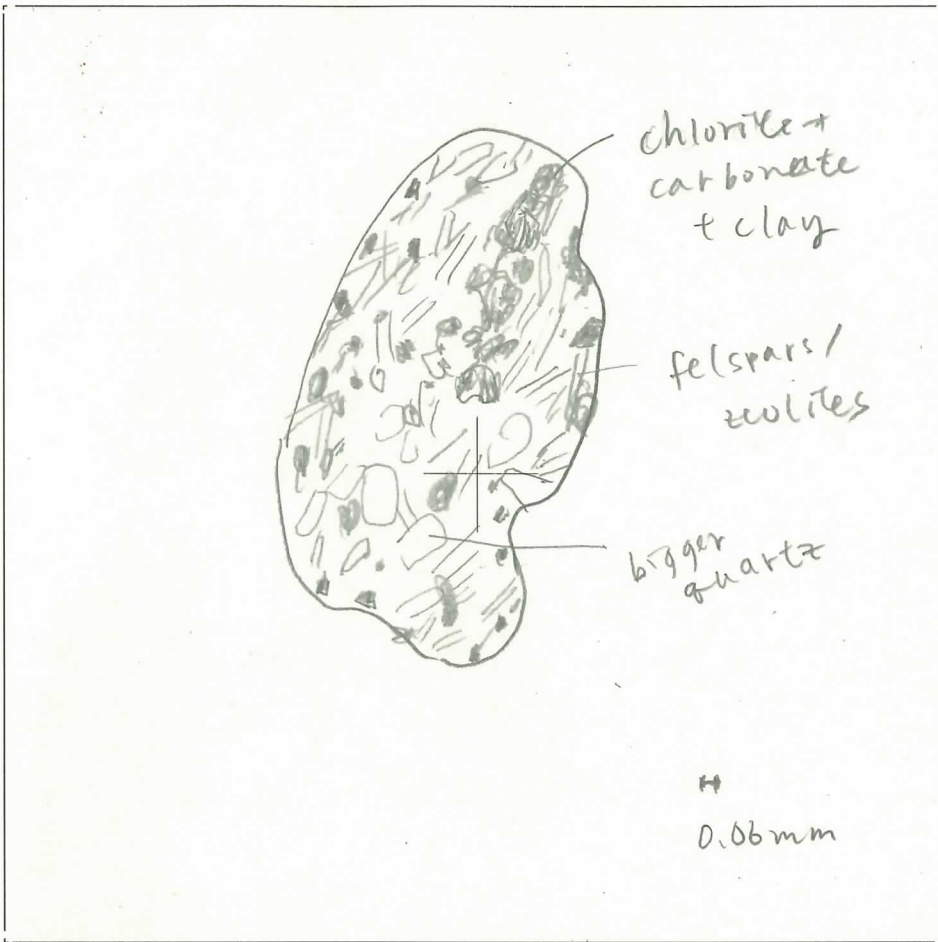


Image file name: _____

Rock
Sediment type: Volcanic rock

Granules in sand
Object: _____

Comments:

Composed of needle-shaped crystal (feldspar / zeolite), quartz, carbonates (polycrystalline), clay minerals
(larger crystals)

Observation Sheet (Visual Cuttings Description)

Observer: MH

Date: 19 / 07 / 20 19
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18x

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

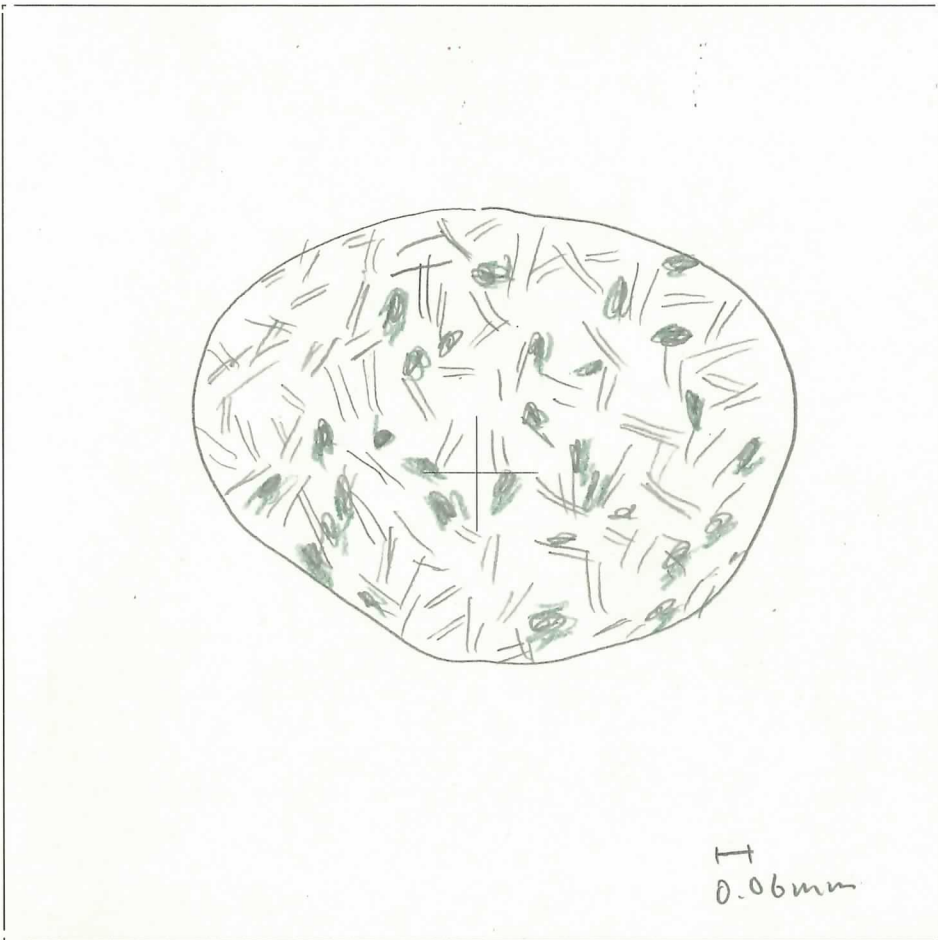


Image file name: _____

~~Rock~~
Sediment type: Volcanic rock

Granules in sand

Object: _____

Comments:

Composed of randomly oriented needle-shape
felspar / zeolites, polycrystalline minerals (carbonate?),
few quartz grains. + clay minerals.

Chlorite and pyrites (opaque grains) are
also abundant.

Observation Sheet (Visual Cuttings Description)

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Date: 17 107/2019
(d/m/y)

Expedition Number: 358

Site: 0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

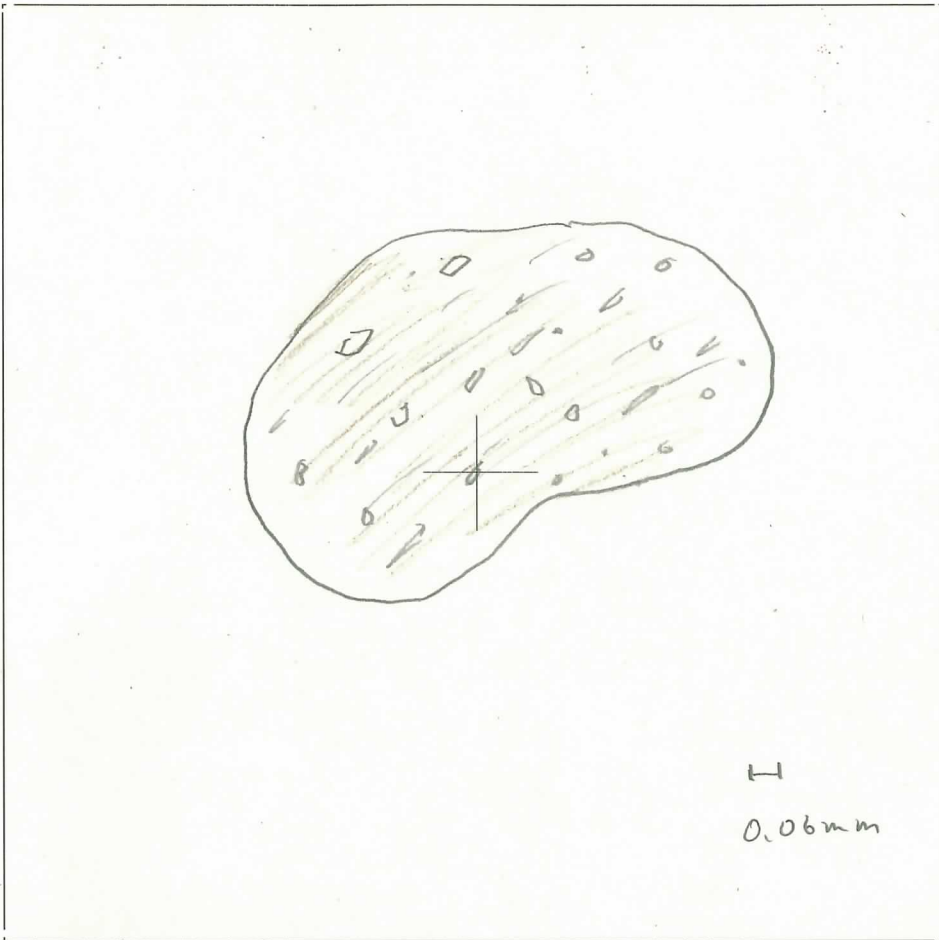


Image file name: _____

Rock
Sediment type: Mudstone

Granules in sand
Object: _____

Comments:

Composed of aligned clay minerals, quartz, polycrystalline quartz, microfossil (few) forams, mudstone clasts, opaque grains (organics?)

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(d/m/y)

Expedition Number: 358

Site: C0024

Hole: 6

Core: 18X

Section: SW

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____



Image file name: _____

Rock

Sediment type: Basalt

Granules in sand

Object: _____

Comments:

(rectangular + needle-shaped)
Composed of feldspar crystals, opaque minerals,
chlorite granules, fine-grained minerals (~clay).

Observation Sheet (Visual Cuttings Description)

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Date: 17 / 10 / 2019
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

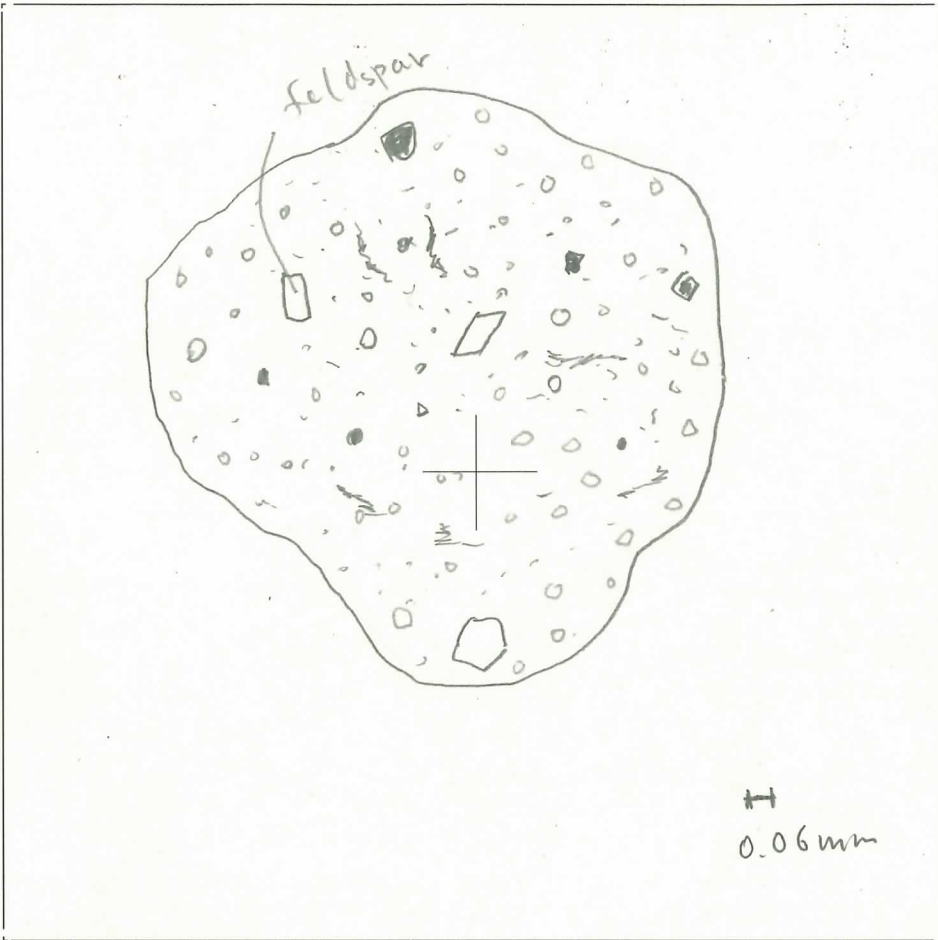


Image file name: _____

~~Rock~~
Sediment type: Mudstone (clay-silt)

Comments:

Granules in sand
Object: _____

Composed of quartz, feldspar, and opaque grains
+ Needle shape grains (clay minerals?) (some organics also)

Observation Sheet (Visual Cuttings Description)

Observer: MH

Date: 17 / 07 / 20
(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18x

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

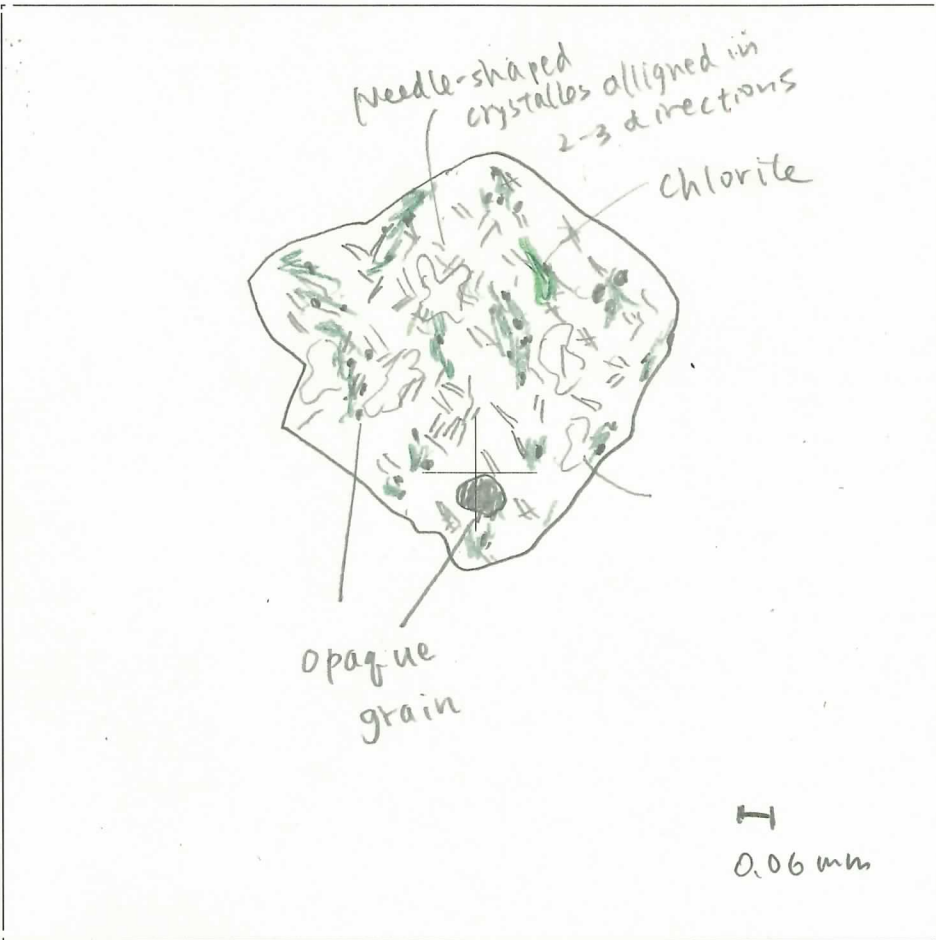


Image file name: _____

Rock
Sediment type: Volcanic rock

Granules in sand
Object: _____

Comments:

Composed of chlorite, needle-shaped crystals (zeolite? feldspar?) and surrounding smaller-grained Qtz and feldspar.

Observation Sheet (Visual Cuttings Description)

Observer: MH

Date: 17 / 07 / 20
(d/m/y)

Expedition Number: 358

Site: C0024G

Hole: G

Core: 18x

Section: 5W

Interval: 64 - 70

Misc # (SMW): _____

Sample comment: _____

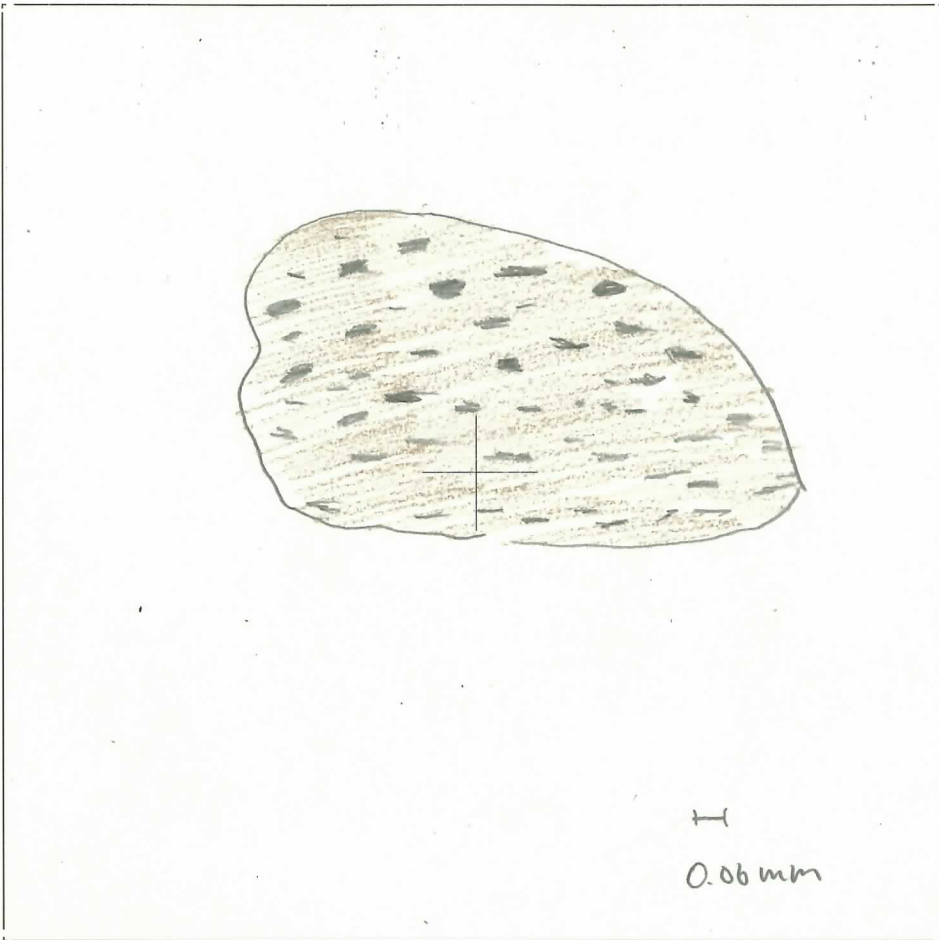


Image file name: _____

Rock
Sediment type: Mudstone (clay-silt)

Comments:

Mudstone clast composed of clay, elongated
opaque grains (organisms?), few quartz and mica
grains.

Granules in sand.
Object: _____

Observation Sheet (Visual Cuttings Description)

Observer: MH

Date: 16 107.12019
(d/m/y)

Expedition Number: 358

Site: C0024 G

Hole: G

Core: 18x

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

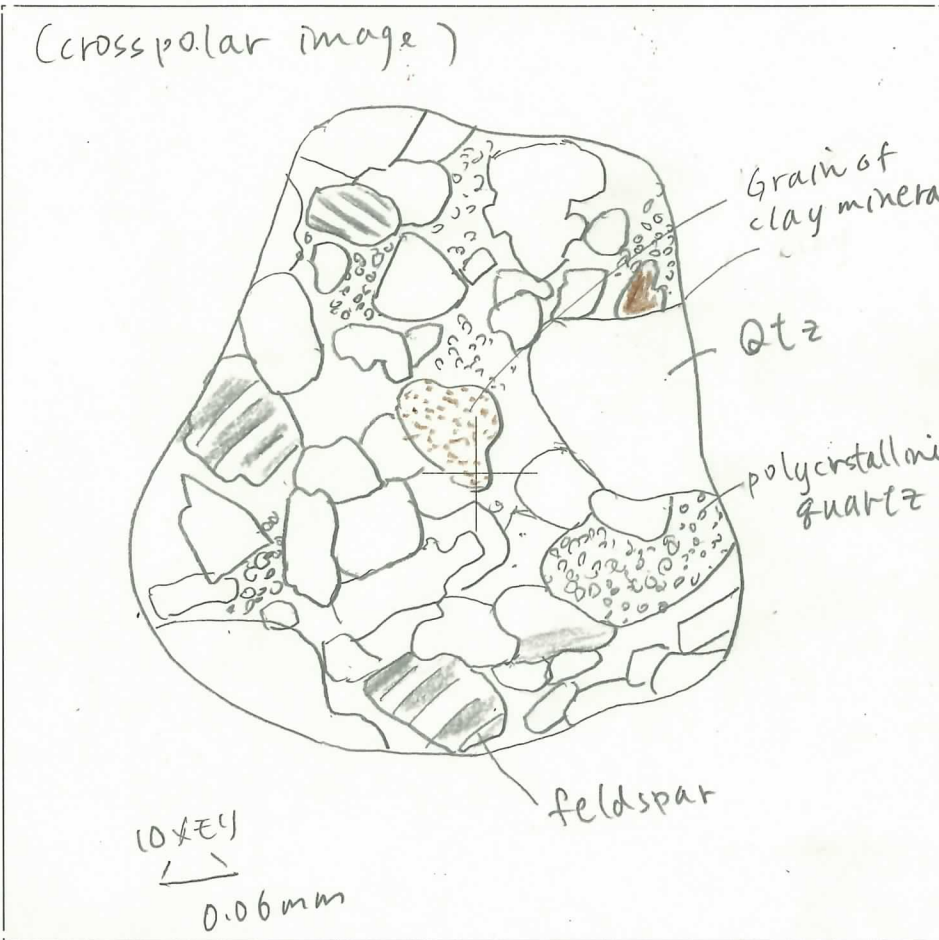


Image file name: _____

~~Sediment type:~~ Rock

Granite

Granule in sand
Object: _____

Comments:

Sandstone composed of quartz (mostly), feldspar, polycrystalline quartz, and clay mineral aggregates.

(No Color except for clay)

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(d/m/y)

Expedition Number: 358

Site: C0024

Hole: G

Core: 18X

Section: 5W

Interval: 64-70

Misc # (SMW): _____

Sample comment: _____

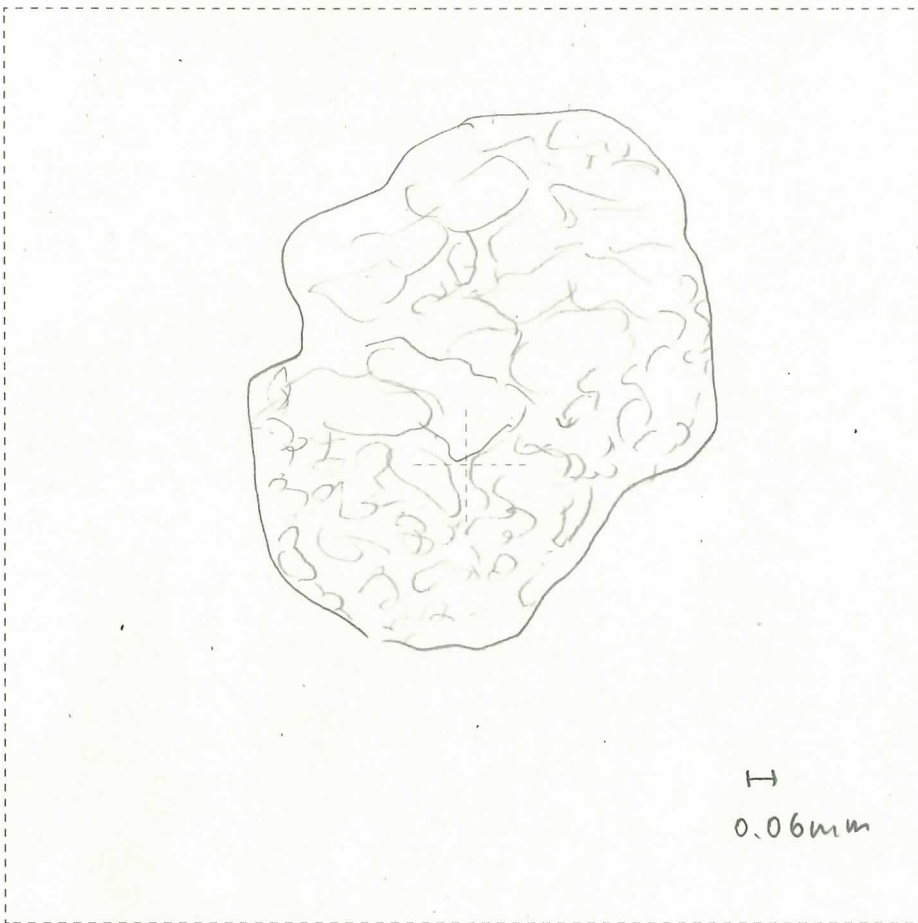


Image file name: _____

~~Rock~~

Sediment type: Quartzite.

Granules in sand

Object: _____

Comments:

Composed of completely quartz.

Crystals have wavy contacts due to
pressure solution / dissolution. (puzzle like)