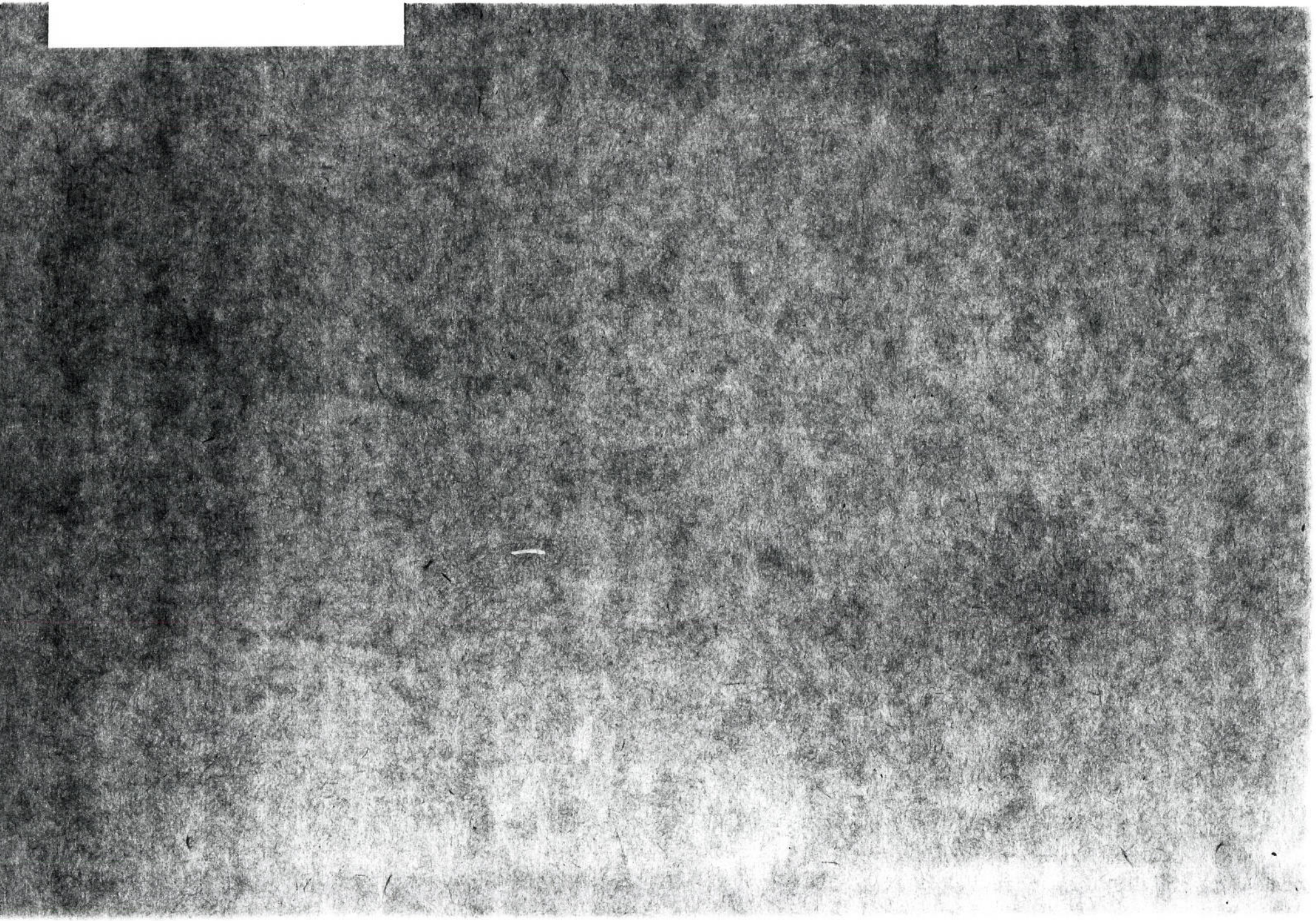
JOHNSTON IS.



Sample Description

Cruise I.D: L5-83-HW Sample I.D: Sta: 34 D 19-1 Location: Johnston I.

Size: 7cm x 9cm (amount) Weight: 102.9 gms (of sample)

Mn crust thickness:

Total: min: — max: — ave: <1 mm

Inner crust: min: max: ave:

Outer crust: min: max: ave:

Surface texture: mn coat, one surface only

Internal structure:

layered:
laminated:
massive:
porous:
dendritic:
other:

Mineralogy (XRD):
IV: Vernadite

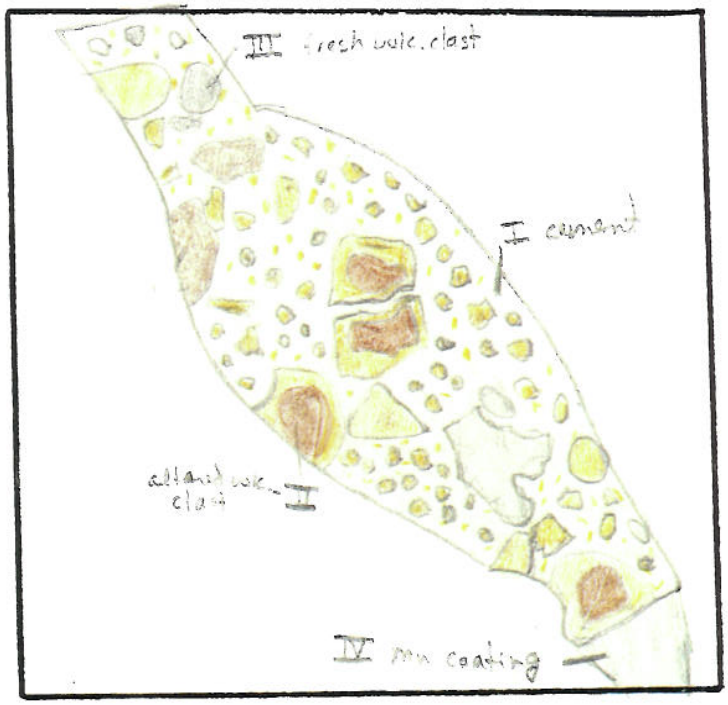
Associated alteration, phosphorite, or hydrothermal deposits:

Substratum:

Rock type:

Description:

Mineralogy (XRD):
I = major - Plag; mod - Smectite; minor - Pyroxene?
II = " " ; mod-maj - Pyrox; trace - Smectite
III = " " " " " ; mod-min - Smectite



Analyses and subsamples:

analysis:	analyst:
XRD: I cement	
II altered volc. clast	
III fresh " "	
IV mn coating	
V cement from outer surface	