Sample No: 5033 69 DK 2

Rock Type: more likely alkalic ~~Tholeiitic~~ (?) Basalt (Aa Flow breccia)

Color: Dark gray (N3)

Texture: Aphyric, hyalopilitic - intersertal?

Phenocrysts: Plagioclase <<1%, ± 2 mm
Clinopyroxene <<1%, ± 2 mm
(glomerophyric)

Groundmass: Plagioclase
Clinopyroxene
Olivine ?
Glass ?
Opaques
(not determined)

Vesicles: absent (main part of flow)
(incorporates fragments of vesicular to scoriaceous basalt)

Alteration: superficial (main part of flow) to moderate (incorporated pieces)
(oxidation, hydration, smectitization)

Remarks: large rounded, irregular, flattened piece - may have been shed by moving lava flow, probably subaerial eruption and flow; serves as substrate for deposition of very thick (± 5 cm) laminar ferromanganese oxide encrustation (knobby warty arborescent topography); basalt apparently served as "nucleus" for giant "manganese nodule", as the encrustation covered the entire piece before cutting; surface of the rock coated with thin layer (<<1 mm) of hematite(?)

5033 69 DK 2 | Pl. 55 [illegible]
~~Basaltic Hyaloclastite~~

— no description —

(No samples given!)