CROSS SEAMOUNT (age-dating) (courtesy W. Friesen + D. Clague)

SONNE 33 DREDGES 1-6 (BOX DREDGES)

Whole Rock

taken by MSP 17 DEC 84

S033 - 3DK - 1a Freshest Biotite - Feldspar Trachyte
trim, careful to avoid Mn-crust
return crust to W Friesen

S033 - 2DK - 1a Altered Bio - Feldspar Trachyte
slam + look for freshest part

S033 - 2DK - 2a Altered Bio - Feldspar Trachyte Breccia
slam + look for freshest particle

S033 - 2DK - 2b1, 2b2 } same
trim, careful to avoid Mn-crust, return crust to W. Friesen

S033 - 6DK - 1a Relatively unaltered, Massive, Feldspar-microphyric
Hawaiite (?) Best candidate for 40/39 WR

Left w/ Friesen

Plagioclase Separates

S033 - 2DK - 3b (~~Cat~~ 4 pieces) vesicular, Plag-phyric Basalt
Calcite + Phosphorite & Zeolite filling some vesicules
good plag candidate w/ careful HF cleaning

S033 - 2DK - 3a (2 pieces) similar to 2DK - 3b
(still ~~closed~~ sealed for Mn-crust chemistry)

Biotite / Feldspar Separates

S033 - 3DK - 1b1 + 1b2 Largest, freshest piece of Biotite - Feldspar
Trachyte. Note ~~[illegible]~~ fresh lithic (fragment) with
v. fresh xenoc/phenocrysts on 1b2, save for probe section
+/or 40/39 WR