

79010, 79110, 79130, 79150, 79170 and 79190

Soil or breccia fragments
87, 66, 4, 5.6, 43 and 13 grams

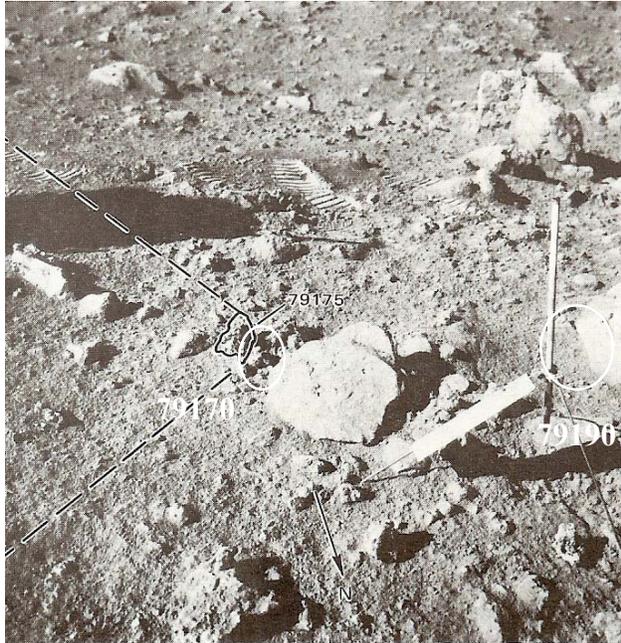


Figure 1: Approximate location of samples 79170 and 79190 (see Wolf et al. 1976)

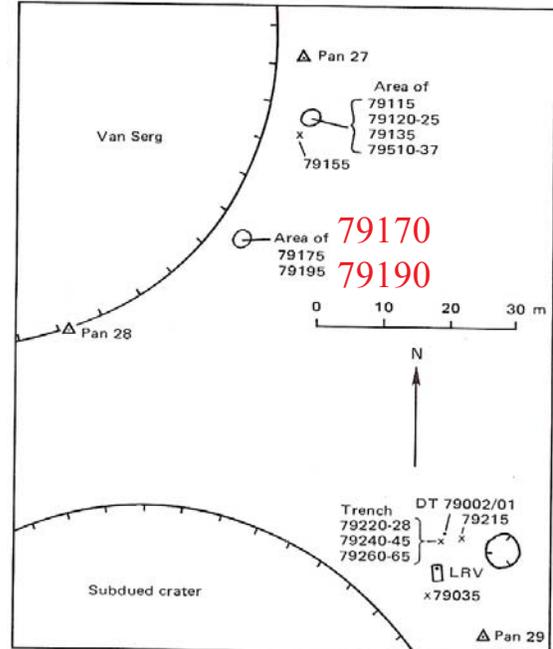


Figure 2: Map of station 9 on rim of Van Serg Crater.

Introduction

These samples are bag residue returned along with breccia and basalt samples 79035, 79115, 79135, 79155, 79175 and 79195, respectively. They undoubtedly contain a mix of soil and material abraded off of the large samples in the same bags (table). These soil samples have not been sieved nor studied.

Petrography

The regolith in the vicinity of Van Serg Crater contains numerous rock fragments (figure 1). A total of 219 grams of soil (possibly mixed with breccia fragments) from the rim of Van Serg Crater was collected in the

process of bagging and returning six large rock fragments. This soil supplements soil samples 79510, 79120 etc. from the same location (figure 2).

The rock samples are described in the catalogs by Butler (1973) and Meyer (1994). Additional soil was probably still attached to the large samples.

soil/crumbs	rock- weight	type
79010 - 79035	- 2806 g	reg. breccia
79110 - 79115	- 346 g	breccia
79130 - 79135	- 2283 g	reg. breccia
79150 - 79155	- 319 g	basalt
79170 - 79175	- 678 g	reg. breccia
79190 - 79195	- 368 g	breccia

References for 79110 and 79170

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