

# 77070, 77130 and 77210

Soil or breccia fragments

9.3, 1.4 and 112 grams



Figure 1: Soil at base of boulder at station 7. ASI7-146-22335

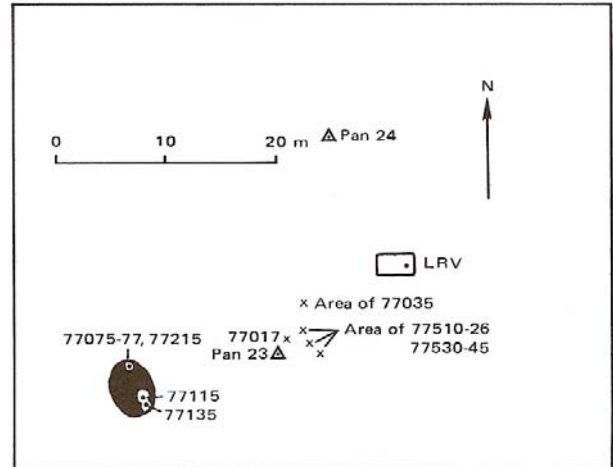


Figure 2: Map of station 7, Apollo 17

## Introduction

These samples are the fines returned in bags with samples chipped off of the Station 7 boulder. 77070 was in the bag with 77075 – 77077, 77130 was in the bag with 77130 and 77210 is the remaining material in the bag with 77215 which was returned in about 40 pieces. They probably contain some soil from around the boulder, mixed with small pieces of the samples in their bags. They have not been studied.

## Petrography

none

## Chemistry

None

## References for 77210, 77070

Butler P. (1973) Lunar Sample Information Catalog Apollo 17. Lunar Receiving Laboratory. MSC 03211 Curator's Catalog. pp. 447.

Heiken G.H. (1974) A catalog of lunar soils. JSC Curator

Morris R.V., Score R., Dardano C. and Heiken G. (1983) Handbook of Lunar Soils. Two Parts. JSC 19069. Curator's Office, Houston

Morris R.V. (1978) The surface exposure (maturity) of lunar soils: Some concepts and Is/FeO compilation. *Proc. 9<sup>th</sup> Lunar Sci. Conf.* 2287-2297.

Wolfe E.W., Bailey N.G., Lucchitta B.K., Muehlberger W.R., Scott D.H., Sutton R.L and Wilshire H.G. (1981) The geologic investigation of the Taurus-Littrow Valley: Apollo 17 Landing Site. US Geol. Survey Prof. Paper, 1080, pp. 280.