

INTRODUCTION: Most of 61246 is a fine-grained or glassy, gray or greenish impact melt. It contains rare vesicles, some of which are soil filled, and is angular and coherent (Fig. 1). One side has a rind of fragmental (though coherent) breccia which is firmly attached and may have been welded on while the melt was still hot. This fragmental rind consists of tiny black fragments in a pale-colored matrix.

61246 was taken from a soil sample collected from the top of a trench dug on the east rim of Plum Crater. It lacks zap pits.

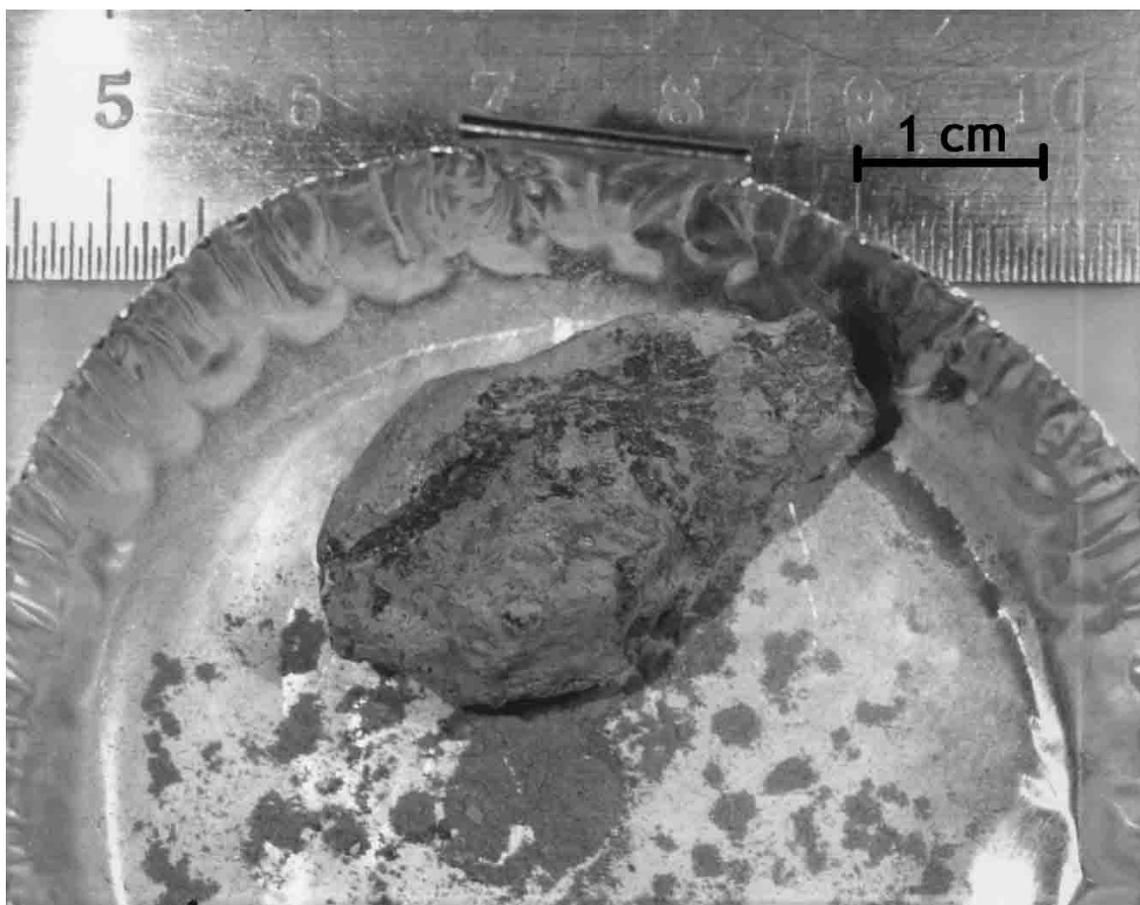


FIGURE 1.