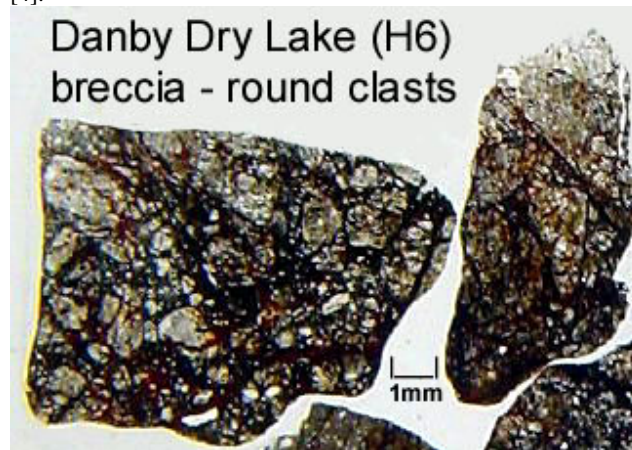


MAJOR INCREASE IN TOTAL KNOWN WEIGHT FOR DANBY DRY LAKE (H6) CALIFORNIA METEORITE.
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Introduction: The first mass of Danby Dry Lake (131 g) was found 2000 September 17th by Mr. Bill Peters of Phoenix, AZ in an area that would be best described as a prior shoreline of Danby Lake. A partial type specimen was submitted to ASU and after being classified (H6 breccia with rounded clasts) Danby Dry Lake first appeared in *Meteoritical Bulletin (MetBull) No. 85* [1]. The coordinates listed in *MetBull No. 85* were incorrect; the correct ones appeared in *MetBull No. 86* [2].

Recovery Information: On May 2nd of 2008, while searching in the area of these coordinates for more masses of this meteorite, this author found several small fragments in a recently dug pit. After some investigation it was discovered that the area around this pit was the site where over 526 fragments of the Danby Dry Lake chondrite were previously recovered [3]. Although the recovery of these fragments was documented by the finder in the referenced publication, the actual locality name was not mentioned. The finder has subsequently confirmed that his find location is 500m from the original Danby Dry Lake locality [4].



Discussion: This abstract documents that additional masses of the Danby Dry Lake meteorite were found on two occasions in November of 2006, which now raises the Total Known Weight (TKW) to over 8991 grams. A cluster of over 526 fragments was centered on N34°13.237' W115°03.178' along with an individual mass of 732 grams located a short distance to the southwest at N34°13.220' W115°03.204'. A more exact set of coordinates for the original 131g mass is N34°12.954' W115°03.112'. Along with the original partial type specimen at ASU, an additional 16 grams (from the November 2006 main mass location) have been donated by Rob Matson to the UCLA collection.

References: [1] Grossman J. N. et al. 2001. *Meteoritics & Planetary Science* 36:A306. [2] Russell S. S. et al. 2002. *Meteoritics & Planetary Science* 37:A158. [3] Garcia R. 2007. Article in *Meteorite* Vol. 13, No. 1. [4] Garcia R., personal communication.