

Notes associated with E2100134

This kit as 2 sets of samples associated with this latest round of HAM7 sampling.

1. FTIR (labelled S1, S2 ..., S10)

The first set 10 samples for FTIR analysis are labelled S1, S2..., S10.

Within this set of 10 we prioritize as follows:

1st batch: S1, S2, S7, S3 and S4.

2nd batch (only to be considered for analysis after 1st batch results): S5, S6, S8, S9 and S10.

2. CONTAMINANT IDENTIFICATION (labelled T1, T2, T3, T4)

The set for further contaminant identification are labelled T1, T2, T3, T4. These are for analysis on other equipment to be selected by JPL, again only after the results of S1, S2, S7, S3 and S4 are reported.

LIGO believe that this chamber could have been exposed to the elements during a trip from LHO to LLO on a truck, during which time there was a broken breather valve. The 3 to 5 day journey could have led to Hydrocarbon contaminants including diesel fumes, brake dust, tire rubber and or brake oil.