

totals:

26

0

0

| Cast | StaName          | Lat(deg) | Lat(min) |         | Long(deg) | Long(min) |          |           | Start time (UTC) | End time (UTC) | bottom depth | 3He | H2&CH4 |
|------|------------------|----------|----------|---------|-----------|-----------|----------|-----------|------------------|----------------|--------------|-----|--------|
| 1    | EX1004L1-V01     | 13       | 8.3900   | 13.1398 | -143      | 50.4190   | 143.8403 | -143.8403 | 160 21:05        | 160 23:10      | 2985         |     |        |
| 2    | EX1004L1-V02     | 13       | 14.0920  | 13.2349 | -143      | 46.0000   | 143.7667 | -143.7667 | 161 01:21        | 161 04:03      | 2782         |     |        |
| 3    | EX1004L1-V03     | 13       | 18.9090  | 13.3152 | -143      | 54.4320   | 143.9072 | -143.9072 | 161 05:38        | 161 07:17      | 2667         |     |        |
| 4    | EX1004L1-V04 (a) | 12       | 44.2950  | 12.7383 | -143      | 46.0770   | 143.7680 | -143.7680 | 161 16:28        |                | 2239         |     |        |
|      | EX1004L1-V04 (b) | 12       | 44.2800  | 12.7380 | -143      | 45.9200   | 143.7653 | -143.7653 | 161 18:04        | 161 18:44      | 2233         |     |        |
| 5    | EX1004L1-V05 (a) | 12       | 45.3100  | 12.7552 | -143      | 45.4700   | 143.7578 | -143.7578 | 161 19:21        |                | 2078         |     |        |
|      | EX1004L1-V05 (b) | 12       | 45.2982  | 12.7550 | -143      | 45.3241   | 143.7554 | -143.7554 | 161 20:47        | 161 21:23      | 2083         |     |        |
| 6    | EX1004L1-V06     | 12       | 50.7980  | 12.8466 | -143      | 49.0840   | 143.8181 | -143.8181 | 161 22:41        | 162 00:04      | 2129         |     |        |
| 7    | EX1004L1-V07     | 12       | 51.6840  | 12.8614 | -143      | 49.8370   | 143.8306 | -143.8306 | 162 00:49        | 162 02:18      | 2372         |     |        |
| 8    | EX1004L1-V08     | 12       | 58.1900  | 12.9698 | -143      | 44.6300   | 143.7438 | -143.7438 | 162 03:55        | 162 05:28      | 2492         |     |        |
| 9    | EX1004L1-V09 (a) | 13       | 30.9350  | 13.5156 | -143      | 56.3820   | 143.9397 | -143.9397 | 162 21:47        |                | 2605         |     |        |
|      | EX1004L1-V09 (a) | 13       | 31.4950  | 13.5249 | -143      | 56.7220   | 143.9454 | -143.9454 | 163 00:32        | 163 01:17      | 2285         |     |        |
| 10   | EX1004L1-V10     | 13       | 8.2720   | 13.1379 | -143      | 41.3300   | 143.6888 | -143.6888 | 163 16:37        | 163 18:23      | 2902         |     |        |
| 11   | EX1004L1-V11     | 13       | 12.2300  | 13.2038 | -143      | 42.6600   | 143.7110 | -143.7110 | 163 19:32        | 163 21:17      | 2933         |     |        |
| 12   | EX1004L1-V12     | 13       | 14.8720  | 13.2479 | -143      | 43.2180   | 143.7203 | -143.7203 | 163 22:06        | 164 00:16      | 2998         |     |        |
| 13   | EX1004L1-V13     | 13       | 17.8030  | 13.2967 | -143      | 44.2980   | 143.7383 | -143.7383 | 164 01:08        | 164 03:06      | 3066         |     |        |
| 14   | EX1004L1-V14     | 13       | 20.2760  | 13.3379 | -143      | 44.9470   | 143.7491 | -143.7491 | 164 03:55        | 164 05:54      | 3168         |     |        |
| 15   | EX1004L1-V15     | 13       | 25.8477  | 13.4308 | -143      | 46.7500   | 143.7792 | -143.7792 | 164 16:06        | 164 18:00      | 2959         |     |        |
| 16   | EX1004L1-V16     | 13       | 23.0880  | 13.3848 | -143      | 45.6700   | 143.7612 | -143.7612 | 164 18:57        | 164 20:51      | 3164         |     |        |

0 0 26 0 0 0

| H2S | pH | DIC | TDMe | DMe | XRF | SEM | Comments                     | Lat(dec.deg) | Long(dec.deg) |
|-----|----|-----|------|-----|-----|-----|------------------------------|--------------|---------------|
|     |    |     | 3    |     |     |     |                              | 13.139833    | 143.840317    |
|     |    |     | 2    |     |     |     |                              | 13.234867    | 143.766667    |
|     |    |     |      |     |     |     |                              | 13.315150    | 143.907200    |
|     |    |     | 2    |     |     |     | This was a modified vertical | 12.738250    | 143.767950    |
|     |    |     |      |     |     |     |                              | 12.738000    | 143.765333    |
|     |    |     |      |     |     |     | This was a modified vertical | 12.755167    | 143.757833    |
|     |    |     |      |     |     |     |                              | 12.754970    | 143.755402    |
|     |    |     | 2    |     |     |     |                              | 12.846633    | 143.818067    |
|     |    |     | 2    |     |     |     |                              | 12.861400    | 143.830617    |
|     |    |     |      |     |     |     |                              | 12.969833    | 143.743833    |
|     |    |     | 5    |     |     |     | This was a modified vertical | 13.515583    | 143.939700    |
|     |    |     |      |     |     |     |                              | 13.524917    | 143.945367    |
|     |    |     |      |     |     |     |                              | 13.137867    | 143.688833    |
|     |    |     |      |     |     |     |                              | 13.203833    | 143.711000    |
|     |    |     | 4    |     |     |     |                              | 13.247867    | 143.720300    |
|     |    |     | 3    |     |     |     |                              | 13.296717    | 143.738300    |
|     |    |     |      |     |     |     |                              | 13.337933    | 143.749117    |
|     |    |     | 3    |     |     |     |                              | 13.430795    | 143.779167    |
|     |    |     |      |     |     |     |                              | 13.384800    | 143.761167    |