

| Leg: 161  |       | Site: 977 |              |      |      |                    |           |         |           |      |          |          |          |            |          |                   |      |           |         |        |        |    |
|-----------|-------|-----------|--------------|------|------|--------------------|-----------|---------|-----------|------|----------|----------|----------|------------|----------|-------------------|------|-----------|---------|--------|--------|----|
| Sample    | Depth | Lithology | Texture data |      |      | Mineral            |           |         |           |      |          |          |          |            |          |                   |      |           |         |        |        |    |
|           |       |           | Sand         | Silt | Clay | Accessory Minerals | Amphibole | Biotite | Carbonate | Clay | Dolomite | Fe Oxide | Feldspar | Glaucanite | Hematite | Inorganic Calcite | Mica | Muscovite | Opagues | Pyrite | Quartz |    |
| A-1-01, 5 | M     | 2         | 10           | 88   | *    |                    |           |         | 67        |      |          |          |          |            |          |                   |      |           |         |        |        | *  |
| 1-01, 89  | D     | 0         | 10           | 90   |      |                    |           |         | 61        |      | 2        | *        |          |            |          |                   |      |           |         |        |        | 1  |
| 1-02, 62  | M     | 1         | 10           | 89   |      |                    |           |         | 62        |      |          | *        |          |            |          |                   |      |           |         |        | 1      | 1  |
| 1-02, 80  | M     | 3         | 12           | 80   |      |                    |           |         | 25        |      |          |          |          |            |          |                   |      |           |         |        | 30     | 2  |
| 1-02, 96  | D     | 0         | 15           | 85   |      |                    |           |         | 53        |      |          | *        |          |            |          |                   |      |           |         |        | *      | 1  |
| 1-03, 48  | D     | *         | 10           | 90   | *    |                    |           |         | 68        |      |          | *        |          |            |          | *                 | *    |           |         |        |        | 1  |
| 2-01, 60  | M     | *         | 10           | 90   | *    |                    |           |         | 72        |      |          | *        |          |            |          | *                 | *    |           |         |        |        | 1  |
| 2-01, 125 | D     | 0         | 10           | 90   |      |                    |           |         | 79        |      |          | *        |          |            |          |                   |      |           |         | *      |        | *  |
| 2-02, 38  | D     | 0         | 10           | 90   | *    |                    |           |         | 62        |      |          | *        |          |            |          | 1                 | 2    |           |         |        |        | 1  |
| 2-03, 18  | M     | *         | 10           | 90   | *    |                    |           |         | 61        |      |          |          |          |            |          | *                 |      |           |         |        | 2      | 1  |
| 2-05, 55  | M     | 60        | 30           | 10   | 5    |                    |           |         | 10        |      |          |          | 1        |            |          |                   | 10   |           |         | 20     |        | 15 |
| 2-07, 50  | M     | 1         | 25           | 74   |      |                    |           |         | 53        |      | 1        | 1        |          |            |          |                   | 5    |           |         |        |        | 1  |
| 3-01, 40  | D     | *         | 10           | 90   |      |                    |           |         | 54        |      |          | *        |          |            |          |                   | 1    |           | *       |        |        | 1  |
| 3-02, 114 | M     | 25        | 65           | 10   | 2    |                    |           |         | 5         |      |          | 3        |          |            |          |                   | 5    |           |         | 10     |        | 20 |
| 3-05, 39  | M     | *         | 10           | 90   |      |                    |           |         | 59        |      |          |          |          |            |          | *                 | *    |           |         | 2      |        | 1  |
| 3-05, 44  | M     | *         | 15           | 85   | *    |                    |           |         | 59        |      | *        | 1        |          |            |          |                   | 2    |           | *       |        |        | 3  |
| 3-06, 94  | D     | 0         | 10           | 90   |      |                    |           |         | 57        | *    |          | *        |          |            |          | *                 | 2    |           | *       | *      |        | 2  |
| 4-01, 38  | M     | 1         | 15           | 84   |      |                    |           |         | 48        |      | *        |          |          |            |          |                   | 2    |           |         | 2      |        | 1  |
| 4-01, 40  | M     | 20        | 25           | 55   | 1    |                    |           |         | 40        |      |          | *        |          |            |          | *                 |      |           | 7       |        |        | 2  |
| 4-01, 74  | M     | 35        | 50           | 15   | *    |                    |           |         | 16        |      | 1        | 1        | *        |            |          | 5                 | 5    |           |         | 2      |        | 10 |
| 4-01, 128 | M     | *         | 10           | 90   |      |                    |           |         | 64        |      |          |          |          |            |          |                   |      |           | *       |        |        | *  |
| 4-04, 106 | D     | *         | 10           | 90   | *    |                    |           |         | 61        |      | 1        | *        |          |            | *        | *                 |      |           | 1       |        |        | 1  |
| 4-05, 106 | D     |           | 15           | 85   |      |                    |           |         | 67        |      | 1        |          |          |            |          | *                 | *    |           | *       | *      |        | *  |
| 4-06, 4   | M     | *         | 15           | 85   |      |                    |           |         | 55        |      |          |          |          |            |          | *                 |      |           | 5       |        |        | *  |
| 5-01, 50  | M     | *         | 35           | 65   |      |                    |           |         | 38        |      |          | 5        |          |            |          |                   | *    |           | *       |        |        | 15 |
| 5-02, 70  | D     | 5         | 35           | 60   |      |                    |           |         | 40        |      |          | 5        | *        |            |          |                   |      |           |         |        |        | 10 |
| 5-03, 74  | D     | *         | 40           | 60   |      |                    |           |         | 51        |      |          | 5        |          |            |          | *                 |      |           | *       |        |        | 10 |
| 5-04, 0   | M     | 30        | 45           | 25   | 5    |                    |           |         | 19        |      |          | 5        | *        |            |          | 5                 | 15   |           |         |        |        | 20 |
| 5-05, 103 | M     | 2         | 15           | 83   |      |                    |           |         | 38        |      |          | 5        |          |            |          |                   |      |           |         |        |        | 10 |
| 5-06, 79  | M     | 3         | 10           | 87   |      |                    |           |         | 40        |      |          | 10       |          |            |          |                   |      |           |         |        |        | 15 |
| 6-01, 65  | D     | *         | 10           | 90   |      |                    |           |         | 54        |      |          | 2        |          |            |          |                   |      |           |         | 1      |        | 3  |
| 6-02, 4   | M     | 20        | 15           | 65   |      |                    |           |         | 58        |      |          | 5        | *        | *          |          |                   | 5    |           |         | 2      |        | 10 |
| 6-03, 130 | D     | *         | 5            | 95   |      |                    |           |         | 37        |      |          |          |          |            |          |                   |      |           |         |        |        | 1  |
| 6-06, 40  | D     | 2         | 30           | 68   |      |                    |           |         | 40        |      |          | 2        |          |            |          |                   |      |           | *       |        |        | 3  |
| 7-01, 20  | D     | 1         | 20           | 79   |      |                    |           |         | 44        |      |          | 2        |          |            |          | *                 |      |           | *       |        |        | 1  |
| 7-01, 74  | M     | 3         | 17           | 80   |      |                    |           |         | 40        |      |          | 2        |          |            |          | *                 |      |           | 5       |        |        | 2  |
| 7-02, 5   | M     | *         | 15           | 85   |      |                    |           |         | 62        |      |          | 2        |          |            |          | *                 |      |           | 1       |        |        |    |
| 7-02, 82  | D     | 3         | 10           | 87   |      |                    |           |         | 68        |      |          | 3        |          |            |          |                   |      |           | *       |        |        | 3  |
| 7-04, 36  | D     | 2         | 30           | 68   |      |                    |           |         | 49        |      |          | 5        |          |            |          |                   |      |           |         |        |        | 10 |
| 7-06, 95  | D     | 10        | 20           | 70   |      |                    |           |         | 33        |      |          | 3        |          | *          |          |                   |      |           | 1       |        |        | 2  |
| 8-01, 49  | D     | 2         | 35           | 63   |      |                    |           |         | 50        |      |          | 10       |          |            |          | *                 |      |           |         |        |        |    |
| 8-02, 49  | D     | 1         | 25           | 74   |      |                    |           |         | 37        |      |          | 3        |          |            |          | *                 |      |           | 1       |        |        | 3  |
| 8-02, 106 | M     | 50        | 25           | 25   |      |                    |           |         | 40        |      |          | *        | *        |            |          | *                 |      |           | *       |        |        |    |
| 8-03, 20  | D     | 3         | 15           | 82   |      |                    |           |         | 37        |      |          | 2        |          |            |          |                   |      |           | *       |        |        | 3  |
| 8-04, 65  | D     | 5         | 15           | 80   |      |                    |           |         | 39        |      |          | 2        | *        |            |          |                   |      |           | *       |        |        | 3  |
| 8-05, 2   | M     | 8         | 5            | 87   |      |                    |           | *       | 39        |      |          |          |          |            |          |                   |      |           | 15      |        |        |    |
| 8-05, 20  | M     | 2         | 5            | 93   |      |                    |           |         | 62        |      |          | 1        |          |            |          | *                 |      |           | *       |        |        | 1  |
| 8-06, 0   | M     | 10        | 80           | 10   | 5    |                    | 15        | 5       |           |      | 5        | *        |          |            | 7        |                   |      |           | 20      |        | 20     |    |
| 9-01, 56  | D     |           | 5            | 95   |      |                    |           |         | 53        |      |          | 1        |          |            |          |                   |      |           | *       |        |        | 1  |
| 9-03, 76  | D     | 2         | 10           | 88   |      |                    |           |         | 45        |      |          | *        |          |            |          |                   |      |           | *       |        |        | *  |
| 9-05, 80  | M     | 1         | 15           | 84   |      |                    |           |         | 34        |      |          | *        |          |            |          | *                 |      |           | 5       |        |        | *  |
| 9-05, 105 | M     | 5         | 20           | 75   |      |                    |           |         | 31        |      |          | 1        |          |            |          |                   |      |           | 15      |        |        | *  |
| 9-07, 27  | D     | 3         | 15           | 82   |      |                    |           |         | 54        |      |          | *        |          |            |          |                   |      |           | *       |        |        | *  |
| 10-01, 35 | D     | 2         | 8            | 90   | *    |                    |           |         | 46        |      |          | *        | *        |            |          |                   |      | *         |         |        |        | *  |
| 10-01, 90 | M     | 10        | 60           | 30   | 2    |                    |           |         | 20        |      |          |          | *        |            |          |                   | 15   |           |         |        |        | 10 |

| Volcanic Glass | Biogenic |         |            |              |              |              |              |                           |                   |                 | Rock      |                  |        |              |             |                            |         |                |                |         |               |
|----------------|----------|---------|------------|--------------|--------------|--------------|--------------|---------------------------|-------------------|-----------------|-----------|------------------|--------|--------------|-------------|----------------------------|---------|----------------|----------------|---------|---------------|
|                | Zeolite  | Diatoms | Discoaster | Fish Remains | Foraminifers | Nannofossils | Radiolarians | Siliceous Sponge Spicules | Silicoflagellates | Sponge Spicules | Bioclasts | Carbonate Grains | Cement | Fecal Pellet | Intraclasts | Metamorphic Rock Fragments | Micrite | Organic Debris | Organic Matter | Pellets | Rock Fragment |
|                |          | *       |            | 2            | 20           |              |              |                           | 1                 | *               |           |                  |        |              | 3           | 5                          |         |                |                |         |               |
|                |          |         |            | 1            | 30           |              |              |                           |                   | *               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                | 5        |         |            | 1            | 20           |              |              | *                         | 2                 | 1               |           |                  |        |              | 5           | 2                          |         | *              |                |         |               |
|                |          |         |            | 2            | 30           |              |              |                           | 1                 | 2               |           |                  |        |              | 5           | 2                          |         |                |                |         |               |
|                |          |         |            | 2            | 35           |              |              |                           | 1                 | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                |          |         |            | 1            | 25           |              |              |                           |                   | 2               |           |                  |        |              | 3           | *                          |         |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 1               |           |                  |        |              | 5           | *                          |         | *              |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   | *               |           |                  |        |              | 5           | *                          |         |                |                |         |               |
|                |          |         |            | 2            | 25           |              |              | *                         | 1                 |                 |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                | 1        |         |            | 1            | 25           |              |              | *                         | 2                 | *               |           |                  |        |              | 5           | 2                          |         |                |                |         |               |
|                | *        |         |            | 10           | 5            |              |              | *                         | 1                 | 10              |           |                  |        |              | 3           |                            |         |                | 10             |         |               |
|                |          |         |            | 1            | 25           |              |              |                           |                   | 2               |           |                  |        |              | 10          | 1                          |         | *              |                |         |               |
|                |          |         |            | 1            | 35           |              |              |                           | *                 | 1               |           |                  |        |              | 5           | 2                          |         |                |                |         |               |
|                |          |         |            | 5            | 5            |              |              |                           |                   | 30              |           |                  |        |              | 5           |                            |         |                | 10             |         |               |
|                |          |         |            | 1            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                |          |         |            | 2            | 25           |              |              |                           |                   |                 |           |                  |        |              | 5           | 3                          |         |                |                |         |               |
|                |          | *       |            | 3            | 30           |              |              |                           |                   | *               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 1               |           |                  |        |              | 20          | 5                          |         |                |                |         |               |
|                |          |         |            | 10           | 15           |              |              |                           |                   | 10              |           |                  |        |              | 10          | 5                          |         |                |                |         |               |
|                |          |         |            | 30           | 5            |              |              |                           |                   | 15              |           |                  |        |              | 10          | *                          |         | *              |                |         |               |
|                |          |         |            | 2            | 30           |              |              |                           |                   |                 |           |                  |        |              | 3           | 1                          |         |                |                |         |               |
|                |          | *       |            | *            | 25           |              |              |                           |                   |                 |           |                  |        |              | 10          | 1                          |         |                |                |         |               |
|                |          |         |            | *            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 10          | *                          |         |                |                |         |               |
|                |          | *       |            | *            | 30           |              |              |                           |                   | *               |           |                  |        |              | 5           | 5                          |         |                |                |         |               |
|                |          |         |            | 2            | 20           |              |              |                           |                   | 5               |           |                  |        | *            | 10          | 5                          |         |                |                |         |               |
|                |          |         |            | 5            | 35           |              |              |                           |                   | *               |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                |          |         |            | 2            | 10           |              |              |                           |                   |                 |           |                  |        | 2            | 10          | 10                         |         |                |                |         |               |
|                |          |         |            | 3            | 2            |              |              |                           |                   | 25              |           |                  |        |              | 1           |                            |         |                |                |         |               |
|                |          |         |            | 5            | 20           |              |              |                           |                   |                 |           |                  |        | 10           |             | 12                         |         |                |                |         |               |
|                |          |         |            | 5            | 25           |              |              |                           |                   | 5               |           |                  |        |              |             | *                          |         |                |                |         |               |
|                |          |         |            |              | 30           |              |              |                           |                   | *               |           |                  |        |              | 10          |                            |         |                |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   | 2               |           |                  |        |              | 2           |                            | *       | *              |                |         |               |
|                |          |         |            |              | 60           |              |              |                           |                   | *               |           |                  |        |              | 2           |                            | *       |                |                |         |               |
|                |          |         |            | *            | 40           |              |              |                           |                   | *               |           |                  |        |              | 15          |                            |         |                |                |         |               |
|                |          |         |            | *            | 45           |              |              |                           | *                 | *               |           |                  |        |              | 8           |                            |         |                |                |         |               |
|                |          |         |            | 4            | 40           |              |              |                           |                   | 3               |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            |              | 25           |              |              |                           |                   |                 |           |                  |        |              | 5           |                            | *       |                |                |         |               |
|                |          |         |            | *            | 25           |              |              |                           |                   | 1               |           |                  |        |              | 5           | *                          | *       |                |                |         |               |
|                |          |         |            | *            | 15           |              |              |                           |                   | 1               |           |                  |        |              | 20          |                            | *       | *              |                |         |               |
|                |          |         |            | 1            | 55           |              |              |                           |                   | 5               |           |                  |        |              |             |                            | *       | *              |                |         |               |
|                |          |         |            | 4            | 35           |              |              |                           |                   | 1               |           |                  |        |              |             | *                          |         |                |                |         |               |
|                |          |         |            | *            | 35           |              |              |                           |                   | 1               |           |                  |        |              | 20          |                            |         |                |                |         |               |
|                |          |         |            | 35           | 20           |              |              |                           |                   | 5               |           |                  |        |              |             |                            |         |                |                |         |               |
|                |          |         |            | *            | 45           |              |              |                           |                   | 3               |           |                  |        |              | 10          |                            |         |                |                |         |               |
|                |          |         |            | *            | 45           |              |              |                           | *                 |                 |           |                  |        |              | 10          |                            |         | 1              |                |         |               |
|                |          |         |            | 8            | 35           |              |              |                           |                   | 3               |           |                  |        |              |             |                            | *       | *              |                |         |               |
|                |          |         |            | *            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 5           |                            | *       |                |                |         |               |
|                |          | *       |            | 1            | 2            |              |              |                           |                   | 10              |           |                  |        |              |             |                            |         |                | 10             |         |               |
|                |          |         |            |              | 40           |              |              |                           |                   |                 |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                |          |         |            | 1            | 50           |              |              |                           |                   | 1               |           |                  |        |              | 3           |                            |         |                |                |         |               |
|                |          |         |            | *            | 40           |              | *            |                           |                   | 1               |           |                  |        |              | 5           | 15                         |         |                |                |         |               |
|                |          |         |            | 5            | 40           |              |              |                           | *                 | *               |           |                  |        |              | 8           |                            |         |                |                |         |               |
|                |          |         |            | *            | 40           |              |              |                           | *                 | 3               |           |                  |        |              | 3           | *                          |         |                |                |         |               |
|                |          |         |            | 5            | 45           |              |              |                           |                   | 2               |           |                  |        |              | 2           | *                          |         |                |                |         |               |
| 1              |          |         |            | 15           | 15           |              |              | 1                         | 3                 | 15              |           |                  |        |              | 3           |                            |         |                |                |         |               |

| Leg: 161   |       | Site: 977 |              |      |      |                    |           |         |           |         |          |          |          |            |          |                   |      |           |        |        |
|------------|-------|-----------|--------------|------|------|--------------------|-----------|---------|-----------|---------|----------|----------|----------|------------|----------|-------------------|------|-----------|--------|--------|
| Sample     | Depth | Lithology | Texture data |      |      |                    |           |         |           | Mineral |          |          |          |            |          |                   |      |           |        |        |
|            |       |           | Sand         | Silt | Clay | Accessory Minerals | Amphibole | Biotite | Carbonate | Clay    | Dolomite | Fe Oxide | Feldspar | Glauconite | Hematite | Inorganic Calcite | Mica | Muscovite | Opakes | Pyrite |
| 10-01, 143 | M     | *         | 10           | 90   |      |                    |           | 45      |           |         |          |          |          |            |          |                   | 1    |           | *      |        |
| 10-03, 126 | D     |           | 15           | 85   | *    |                    |           | 59      |           |         | *        |          |          | 2          |          |                   | *    |           | 1      |        |
| 10-04, 30  | M     | *         | 5            | 95   |      |                    |           | 61      |           |         |          |          |          |            | *        |                   | 1    |           | *      |        |
| 10-04, 119 | M     | *         | 10           | 90   |      |                    |           | 40      |           |         |          |          |          |            | 1        |                   | 1    |           | *      |        |
| 10-06, 50  | D     | *         | 25           | 75   |      |                    |           | 62      |           |         |          |          |          | 1          | 2        |                   | 2    |           | 1      |        |
| 11-01, 141 | D     | 1         | 5            | 94   |      |                    |           | 54      |           |         |          |          |          |            |          |                   |      |           | 1      |        |
| 11-02, 133 | M     |           | 15           | 85   |      |                    |           | 64      |           |         |          |          |          |            |          |                   | 5    |           | 1      |        |
| 11-03, 58  | M     | 30        | 65           | 5    | 5    |                    |           |         | 1         |         | 5        | *        |          |            | 20       |                   | 10   |           | 25     |        |
| 11-04, 88  | M     | 20        | 75           | 5    | 15   |                    |           |         |           |         | 5        |          |          |            | 16       |                   | 2    |           | 26     |        |
| 11-05, 101 | D     | *         | 15           | 85   |      |                    |           | 65      |           |         |          |          |          |            | *        |                   |      |           | *      |        |
| 11-06, 78  | M     |           | 10           | 90   |      |                    |           | 45      |           |         | *        |          |          |            | *        |                   |      |           | *      |        |
| 12-01, 68  | D     | 5         | 10           | 85   |      |                    |           | 68      |           |         | 1        |          |          |            | 1        |                   |      |           | 1      |        |
| 12-04, 43  | D     | 5         | 35           | 60   | *    |                    |           | 50      |           |         |          | *        |          |            | 2        |                   | 2    |           | 1      |        |
| 12-05, 112 | D     | 1         | 19           | 80   |      |                    |           | 67      |           |         | *        |          |          |            |          |                   | 1    |           | 1      |        |
| 12-07, 5   | M     | *         | 10           | 90   |      |                    |           | 52      |           |         |          | *        |          |            |          |                   | 3    |           | *      |        |
| 13-01, 42  | D     | *         | 10           | 90   |      |                    |           | 57      |           |         |          |          |          |            | 1        |                   | 1    |           | 1      |        |
| 13-02, 41  | D     | 2         | 8            | 90   |      |                    |           | 70      |           |         | 1        |          |          |            | 1        |                   | *    |           | 1      |        |
| 13-05, 29  | M     | 25        | 55           | 20   | 2    |                    |           | 10      |           |         |          | *        |          |            | 20       |                   | 5    |           | 20     |        |
| 13-06, 0   | M     | 5         | 65           | 30   |      |                    |           | 18      |           |         |          |          |          |            |          |                   | *    |           |        |        |
| 13-CC, 17  | M     | 20        | 55           | 25   | *    |                    |           | 13      |           |         |          |          |          |            |          |                   | 2    |           |        |        |
| 14-01, 7   | M     | 2         | 33           | 65   |      |                    |           | 50      |           |         |          |          |          |            | 2        |                   | *    |           | 1      |        |
| 14-02, 114 | M     | 40        | 45           | 15   | 5    |                    |           | 25      |           |         | 5        |          |          |            | 25       |                   |      |           | 20     |        |
| 14-03, 46  | D     | 1         | 25           | 74   |      |                    |           | 66      |           |         |          |          |          |            | 1        |                   | 2    |           | *      |        |
| 14-06, 92  | D     |           | 5            | 95   |      |                    |           | 45      |           |         |          |          |          |            | *        |                   |      |           |        |        |
| 14-07, 56  | M     | *         | 15           | 85   |      |                    |           | 60      | *         |         | 1        |          |          |            | 2        |                   |      |           | 1      |        |
| 15-02, 55  | M     | 30        | 35           | 35   | 5    |                    |           | 30      |           |         | 5        | 1        |          | 5          |          |                   | 1    |           | 15     |        |
| 15-03, 30  | M     |           | 5            | 95   |      |                    |           | 57      |           |         |          |          |          |            |          |                   |      |           |        |        |
| 15-04, 41  | D     |           | 5            | 95   |      |                    |           | 53      |           |         |          |          |          |            |          |                   |      |           | *      |        |
| 15-04, 129 | M     | 25        | 40           | 35   |      |                    |           | 31      |           |         | 2        | *        |          | 5          | 15       |                   |      |           | 10     |        |
| 16-01, 80  | D     | 2         | 20           | 78   |      |                    |           | 43      |           |         | 4        |          |          |            | *        |                   |      |           | 3      |        |
| 16-03, 59  | M     | 3         | 35           | 62   |      |                    |           | 45      |           |         | 3        |          |          | 30         | 1        |                   | *    |           | 1      |        |
| 16-03, 105 | M     | *         | 15           | 85   |      |                    |           | 76      |           |         | 2        |          |          |            | *        |                   | 1    |           | 3      |        |
| 16-04, 80  | D     |           | 5            | 95   |      |                    |           | 78      |           |         | 2        |          |          |            |          |                   | *    |           | 2      |        |
| 17-02, 60  | D     | 2         | 15           | 83   |      |                    |           | 60      |           |         | 3        |          |          |            | *        |                   | 1    |           | 3      |        |
| 17-04, 14  | D     | 4         | 12           | 84   |      |                    |           | 52      |           |         | 3        |          |          |            | *        |                   |      |           | 3      |        |
| 17-05, 64  | M     | 25        | 10           | 65   |      |                    |           | 49      |           |         | 5        |          |          |            | 5        |                   |      |           | 15     |        |
| 17-05, 98  | M     | 35        | 30           | 35   |      |                    |           | 29      |           |         | 1        |          |          |            | 1        |                   | 1    |           | 1      |        |
| 17-05, 105 | M     | 40        | 20           | 40   |      |                    |           | 27      |           |         | *        |          |          |            |          |                   | 3    |           | *      |        |
| 17-05, 129 | M     | 3         | 35           | 62   |      |                    |           | 42      |           |         |          |          |          |            |          |                   | 1    |           |        |        |
| 17-05, 137 | M     | 20        | 30           | 50   |      |                    |           | 33      |           |         | 5        | *        |          |            | 1        |                   | 10   |           | 15     |        |
| 17-05, 140 | M     | 20        | 35           | 45   |      |                    |           | 30      |           |         | 5        |          |          |            | 1        |                   | 10   |           | 10     |        |
| 18-01, 80  | D     | 2         | 5            | 93   |      |                    |           | 58      |           |         | 5        |          |          |            |          |                   | *    |           | 8      |        |
| 18-03, 26  | M     | 50        | 30           | 20   |      |                    |           | 53      |           |         | 10       |          |          |            |          |                   | 10   |           | 15     |        |
| 18-04, 107 | D     | 2         | 5            | 93   |      |                    |           | 47      |           |         | 2        |          |          |            |          |                   | 1    |           | 2      |        |
| 18-06, 18  | M     | 3         | 10           | 87   |      |                    |           | 55      |           |         | 1        |          |          |            |          |                   | 3    |           | 2      |        |
| 19-01, 22  | D     | *         | 15           | 85   |      |                    |           | 70      |           |         | 1        |          |          | 1          | 1        |                   | 1    |           | 1      |        |
| 19-03, 13  | M     | *         | 5            | 95   |      |                    |           | 53      |           |         |          |          |          |            |          |                   | *    |           | *      |        |
| 19-03, 62  | M     | 15        | 55           | 30   | 3    |                    |           | 30      |           |         | 10       |          |          |            | 15       |                   | 10   |           | 10     |        |
| 19-04, 71  | M     | *         | 10           | 90   |      |                    |           | 30      |           |         |          |          |          |            |          |                   |      |           |        |        |
| 19-04, 90  | M     | *         | 10           | 90   |      |                    |           | 59      |           |         |          |          |          |            | 1        |                   | 2    |           | *      |        |
| 19-06, 87  | D     | 2         | 13           | 85   |      |                    |           | 57      |           |         | *        |          |          |            | 1        |                   |      |           | *      |        |
| 20-01, 56  | M     | 5         | 25           | 70   |      |                    |           | 54      |           |         | *        |          |          |            | 3        |                   |      |           | *      |        |
| 20-02, 97  | D     |           | 20           | 80   |      |                    |           | 71      |           |         | *        |          |          |            | 3        |                   | *    |           | 1      |        |
| 20-03, 118 | D     | 2         | 25           | 73   |      |                    |           | 54      |           |         | 2        |          |          |            | 2        |                   | 1    |           | 2      |        |
| 21-01, 127 | D     |           | 25           | 75   | *    |                    |           | 66      | *         | *       | 1        |          |          |            | 3        |                   | 2    |           | 1      |        |

| Volcanic Glass | Biogenic |         |            |              |              |              |              |                           |                   |                 | Rock      |                  |        |              |             |                            |         |                |                |         |               |
|----------------|----------|---------|------------|--------------|--------------|--------------|--------------|---------------------------|-------------------|-----------------|-----------|------------------|--------|--------------|-------------|----------------------------|---------|----------------|----------------|---------|---------------|
|                | Zeolite  | Diatoms | Discouster | Fish Remains | Foraminifers | Nannofossils | Radiolarians | Siliceous Sponge Spicules | Silicoflagellates | Sponge Spicules | Bioclasts | Carbonate Grains | Cement | Fecal Pellet | Intraclasts | Metamorphic Rock Fragments | Micrite | Organic Debris | Organic Matter | Pellets | Rock Fragment |
|                |          |         |            | 2            | 40           |              |              | 1                         | 1                 |                 |           |                  |        |              | 5           | 5                          |         |                |                |         |               |
|                |          |         |            | *            | 30           |              |              |                           |                   | 2               |           |                  |        |              | 3           | 3                          |         |                |                |         |               |
|                |          | *       |            | *            | 30           |              |              |                           |                   |                 |           |                  |        |              | 3           | 5                          |         |                |                |         |               |
|                |          |         |            | 1            | 50           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                |          |         |            | 2            | 15           |              |              |                           |                   | 5               |           |                  |        |              | 10          | *                          |         |                |                |         |               |
|                |          |         |            | 3            | 40           |              |              |                           |                   | *               |           |                  |        |              | 2           | *                          |         |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 1               |           |                  |        |              | 3           | 5                          |         |                |                |         |               |
|                |          |         |            | 10           | 2            |              |              |                           |                   | 15              |           | *                |        |              | 5           |                            |         |                | 2              |         |               |
|                |          |         |            | 15           | 2            |              |              |                           | 2                 | 15              |           |                  |        |              | 2           |                            |         |                | *              |         |               |
|                |          | *       |            | *            | 25           |              |              |                           |                   | 2               |           |                  |        |              | 8           |                            |         |                |                |         |               |
|                |          | *       |            |              | 50           |              |              |                           |                   | 2               |           |                  |        |              | 3           |                            |         |                | *              |         |               |
|                |          |         |            | 2            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           | *                          |         |                |                |         |               |
|                | 2        |         |            | 5            | 25           |              |              |                           | 2                 | 2               |           |                  |        |              | 7           | 2                          |         |                |                |         |               |
|                |          |         |            | 2            | 20           |              |              |                           |                   | 3               |           |                  |        |              | 10          |                            |         |                |                |         |               |
|                |          |         |            | 3            | 35           |              |              |                           |                   | 2               |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                |          |         |            | 2            | 35           |              |              |                           |                   |                 |           |                  |        |              | 3           |                            |         |                |                |         |               |
|                |          |         |            | 5            | 15           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                | 5        | *       |            | 10           | 8            |              |              | *                         | 5                 | 10              |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                | 55       |         |            | 2            | 15           |              |              | 5                         |                   |                 |           |                  |        |              | 5           | *                          |         |                |                |         |               |
|                | 60       |         |            | 1            | 20           | *            |              |                           |                   | 1               |           |                  |        |              | 3           | *                          |         |                |                |         |               |
|                | 5        | *       |            | 5            | 20           |              |              | 1                         | 2                 |                 |           |                  |        |              | 7           | 7                          |         |                |                |         |               |
|                |          |         |            | 5            | 5            |              |              |                           |                   | 15              |           |                  |        |              | 5           |                            |         |                | 5              |         |               |
|                |          |         |            | 5            | 15           |              |              |                           |                   | 5               |           |                  |        |              | 5           | 1                          |         |                |                |         |               |
|                |          |         |            | *            | 50           |              |              |                           |                   | 1               |           |                  |        |              | 3           | 1                          |         |                |                |         |               |
|                |          | *       |            | 3            | 25           |              |              |                           |                   | 3               |           |                  |        |              | 5           |                            |         |                | *              |         |               |
|                |          |         |            | 10           | 6            |              |              |                           |                   | 15              |           |                  |        |              | 2           |                            |         |                | 5              |         |               |
|                |          |         |            | 2            | 40           |              |              |                           |                   | 1               |           |                  |        |              |             |                            |         |                |                |         |               |
|                |          |         |            | *            | 45           |              |              |                           |                   | *               |           |                  |        |              | 2           | *                          |         |                |                |         |               |
|                |          |         |            | 13           | 5            |              |              |                           |                   | 5               |           |                  |        |              | 2           | *                          |         |                | 10             |         |               |
|                | *        |         |            |              |              |              |              |                           |                   | 5               |           |                  |        |              | 15          |                            |         |                |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   |                 |           |                  |        |              | 3           |                            |         |                |                |         |               |
|                |          |         |            |              | 10           |              |              |                           |                   | 3               |           |                  |        |              | 5           | *                          |         |                |                |         |               |
|                |          |         |            |              | 15           |              |              |                           | *                 |                 |           |                  |        |              | 3           |                            |         |                |                |         |               |
|                |          |         |            | 1            | 30           |              |              |                           |                   | 2               |           |                  |        |              |             |                            |         |                |                |         |               |
|                |          |         |            | 2            | 25           |              |              |                           |                   | 3               |           |                  |        |              | 12          | *                          |         | *              |                |         |               |
|                |          |         |            |              | 15           |              |              |                           |                   | 1               |           |                  |        |              | 10          |                            |         |                |                |         |               |
|                | 40       |         |            |              | 20           |              | 2            |                           |                   |                 |           |                  |        |              | 5           | *                          |         |                |                |         |               |
|                | 40       |         |            |              | 25           |              | *            |                           |                   |                 |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                |          |         |            |              | 10           |              |              |                           |                   |                 |           |                  |        |              | 35          | 10                         |         | 3              |                |         |               |
|                |          |         |            | *            | 15           |              | *            |                           |                   |                 |           |                  |        |              | 20          |                            | 1       |                |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   | 3               |           |                  |        |              | 20          | 5                          |         |                |                |         |               |
|                |          |         |            | 1            | 10           |              |              |                           |                   | 1               |           |                  |        |              | 15          |                            | 1       |                |                |         |               |
|                |          | *       |            | 1            | 5            |              |              |                           |                   | 3               |           |                  |        |              | 2           |                            |         |                |                |         |               |
|                |          |         |            | 1            | 40           |              |              |                           |                   | 2               |           |                  |        |              | 5           |                            |         |                |                |         |               |
|                |          | *       |            | *            | 25           |              |              |                           |                   | *               |           |                  |        |              | 5           | 2                          | 2       |                |                |         |               |
|                |          |         |            | *            | 15           |              |              |                           |                   | 2               |           |                  |        |              | 8           | *                          |         |                |                |         |               |
|                |          | *       |            | 3            | 40           |              |              |                           |                   | *               |           |                  |        |              | 3           | 1                          |         |                |                |         |               |
|                |          |         |            | 3            | 10           |              |              |                           |                   | 5               |           |                  |        |              | 5           |                            |         |                | 5              |         |               |
|                |          |         |            | 2            | 50           |              |              |                           |                   |                 |           |                  |        |              | 18          | *                          |         |                |                |         |               |
|                |          | *       |            | 2            | 30           |              |              |                           |                   |                 |           |                  |        |              | 3           | 3                          |         |                |                |         |               |
|                |          |         |            | 4            | 30           |              |              |                           |                   |                 |           |                  |        |              | 8           | *                          |         |                |                |         |               |
|                |          | *       |            | 1            | 25           |              |              |                           |                   |                 |           |                  |        |              | 15          | 2                          |         |                |                |         |               |
|                |          |         |            | 5            | 10           |              |              |                           |                   |                 |           |                  |        |              | 5           | 5                          |         |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 5               |           |                  |        |              | 10          | 1                          |         |                |                |         |               |
|                |          |         |            | 1            | 10           |              |              |                           |                   | 5               |           |                  |        |              | 10          | 1                          |         |                | *              |         |               |

| Leg: 161   |       | Site: 977 |              |      |      |                    |           |         |           |      |          |          |          |            |          |                   |      |           |        |        |        |
|------------|-------|-----------|--------------|------|------|--------------------|-----------|---------|-----------|------|----------|----------|----------|------------|----------|-------------------|------|-----------|--------|--------|--------|
| Sample     | Depth | Lithology | Texture data |      |      | Mineral            |           |         |           |      |          |          |          |            |          |                   |      |           |        |        |        |
|            |       |           | Sand         | Silt | Clay | Accessory Minerals | Amphibole | Biotite | Carbonate | Clay | Dolomite | Fe Oxide | Feldspar | Glauconite | Hematite | Inorganic Calcite | Mica | Muscovite | Opakes | Pyrite | Quartz |
| 21-04, 128 | D     |           | 20           | 80   |      |                    |           | 65      |           |      |          |          |          |            |          |                   | 1    |           | *      |        | *      |
| 21-07, 26  | M     |           | 10           | 90   |      |                    |           | 77      |           | *    |          |          |          |            |          |                   | 1    |           | 2      |        | *      |
| 22-01, 106 | D     | *         | 10           | 90   | *    |                    |           | 63      |           | *    | *        |          |          | 1          | 2        |                   |      |           |        |        | 1      |
| 22-03, 48  | M     | 2         | 33           | 65   |      |                    |           | 60      |           |      | 1        | *        |          | 2          | 2        |                   |      | 3         |        | 2      |        |
| 22-CC, 20  | M     | 30        | 40           | 30   | 3    |                    |           | 30      |           |      |          | *        |          |            | 10       |                   |      | 2         |        | 20     |        |
| 23-01, 63  | M     |           | 10           | 90   |      |                    |           | 53      |           |      |          |          |          |            | 2        |                   |      | 2         |        | 1      |        |
| 23-02, 102 | M     |           | 10           | 90   |      |                    |           | 58      |           |      |          |          |          |            | 2        |                   |      | 1         |        | 1      |        |
| 23-04, 100 | M     |           | 25           | 75   | *    |                    |           | 57      |           |      | 2        |          |          | 1          | 3        |                   | 2    |           | 2      |        |        |
| 23-05, 95  | D     |           | 10           | 90   |      |                    |           | 64      |           |      | 1        |          |          | *          | 1        |                   | *    |           |        | *      |        |
| 23-06, 74  | M     | 15        | 65           | 20   | 5    |                    |           | 19      | 1         |      | 10       | *        |          |            | 15       |                   |      |           |        | 20     |        |
| 24-01, 65  | D     |           | 25           | 75   | 2    |                    |           | 64      |           |      |          | *        |          |            | 5        |                   |      | 1         |        | *      |        |
| 24-01, 146 | M     |           | 25           | 75   |      |                    |           | 59      |           |      |          |          |          |            |          |                   |      | 3         |        | *      |        |
| 24-04, 72  | M     | 20        | 55           | 25   | 10   |                    |           | 20      |           |      |          |          |          | 2          | 20       |                   |      | 24        |        | 10     |        |
| 24-05, 15  | D     | *         | 20           | 80   |      |                    |           | 54      |           |      |          |          |          |            | 2        |                   |      |           |        | 1      |        |
| 25-02, 48  | D     | 5         | 5            | 90   |      |                    |           | 58      |           |      | 1        |          |          |            | *        |                   | *    |           |        | 2      |        |
| 25-03, 84  | M     | 2         | 20           | 78   |      |                    |           | 70      |           |      | 3        |          |          |            | *        |                   | 3    |           |        | 2      |        |
| 25-CC, 34  | M     | 50        | 30           | 20   |      |                    |           | 24      |           |      | 10       | *        |          |            |          |                   | 1    |           | 20     |        |        |
| 26-03, 113 | D     | *         | 3            | 97   |      |                    |           | 48      |           |      |          | *        |          |            |          |                   | *    |           |        | 1      |        |
| 26-05, 141 | M     | 65        | 15           | 20   |      |                    |           | 17      |           |      | 12       |          |          |            | 15       |                   |      | 5         |        | 28     |        |
| 26-06, 36  | D     | *         | 20           | 80   |      |                    |           | 60      |           |      | 2        |          |          |            |          |                   |      |           |        | 3      |        |
| 27-01, 55  | M     | 5         | 25           | 70   |      |                    | 10        | 39      |           |      | 2        |          |          |            | *        |                   | 1    |           |        | 18     |        |
| 27-01, 81  | D     | 1         | 25           | 74   |      |                    |           | 52      |           |      | 3        |          |          |            |          | *                 | 1    |           |        | 3      |        |
| 27-06, 44  | D     | 5         | 10           | 85   |      |                    |           | 49      |           |      | 1        |          |          |            |          |                   | 2    |           |        | 1      |        |
| 27-06, 128 | M     | 25        | 10           | 65   |      |                    | 1         | 37      |           |      | 10       |          |          |            | 2        |                   | 3    |           |        | 20     |        |
| 27-06, 145 | M     | 60        | 10           | 30   |      |                    |           | 27      |           |      |          |          |          |            |          |                   |      |           |        | 1      |        |
| 28-03, 58  | D     | 6         | 20           | 74   |      |                    |           | 56      |           |      | 2        |          |          |            | *        |                   | 2    |           |        | 10     |        |
| 28-06, 35  | D     | 12        | 20           | 68   |      |                    |           | 55      |           |      | 3        |          |          |            | 1        |                   | 2    |           |        | 5      |        |
| 28-06, 76  | M     | 60        | 15           | 25   |      |                    |           | 29      |           |      | 1        |          |          |            | *        |                   |      |           |        | 3      |        |
| 29-01, 66  | D     | 8         | 15           | 77   |      |                    |           | 54      | *         |      | 2        |          |          |            |          |                   | 1    |           |        | 5      |        |
| 29-05, 130 | M     | *         | 15           | 85   |      |                    |           | 65      |           |      | 2        |          |          |            |          |                   | 2    |           |        | 10     |        |
| 29-07, 14  | D     | 3         | 25           | 72   |      |                    |           | 65      | *         |      | 2        |          |          |            | *        |                   |      |           |        | 3      |        |
| 30-04, 78  | D     | *         | 15           | 85   |      |                    |           | 50      |           |      | *        |          |          |            | *        |                   | 3    |           |        | 2      |        |
| 30-05, 67  | D     |           | 25           | 75   | *    |                    |           | 70      |           |      |          |          |          |            | *        |                   | *    |           |        | *      |        |
| 31-02, 123 | D     | 5         | 25           | 70   |      |                    |           | 54      |           |      | 2        |          |          |            | 2        |                   |      | *         |        | 2      |        |
| 31-06, 50  | D     | 3         | 20           | 77   | *    |                    |           | 56      |           |      | 1        |          |          |            | 2        |                   |      |           |        | 2      |        |
| 32-01, 37  | D     | 5         | 20           | 75   | 1    |                    |           | 51      |           |      | 1        | *        |          |            | 2        |                   | *    |           |        | 3      |        |
| 32-06, 104 | D     | *         | 5            | 95   |      |                    |           | 61      |           |      |          |          |          |            | 1        |                   |      |           |        |        |        |
| 33-02, 20  | M     | 15        | 35           | 50   | 1    |                    |           | 34      |           |      | *        |          |          |            | 5        |                   | 5    |           |        | 10     |        |
| 33-04, 57  | D     | 1         | 9            | 90   |      |                    |           | 62      |           |      |          |          |          |            | 1        |                   |      |           |        | 1      |        |
| 33-06, 92  | D     | 3         | 17           | 80   |      |                    |           | 45      |           |      | 2        |          |          |            |          |                   | 3    |           |        | 1      |        |
| 34-06, 44  | D     | *         | 20           | 80   |      |                    |           | 51      |           |      | 1        |          |          |            | 2        |                   | *    |           |        | 1      |        |
| 35-02, 89  | D     | *         | 5            | 95   |      |                    | *         | 62      |           |      |          |          |          |            | 1        |                   |      |           |        | 1      |        |
| 36-02, 44  | D     | 1         | 24           | 75   |      |                    |           | 61      |           |      | 1        |          |          |            |          |                   | 1    |           |        | 1      |        |
| 37-01, 18  | M     | 5         | 40           | 55   |      |                    |           | 28      |           |      | 5        |          |          |            | *        |                   | 1    |           |        | 5      |        |
| 37-01, 100 | M     | 20        | 35           | 45   |      |                    |           | 45      |           |      | 2        |          |          |            | 2        |                   | *    |           |        | 15     |        |
| 37-03, 79  | M     | 10        | 40           | 50   |      |                    |           | 43      |           |      | 3        |          |          |            | 1        |                   | *    |           |        | 10     |        |
| 37-04, 60  | D     | 5         | 25           | 70   |      |                    | 3         | 63      |           |      | 2        |          |          |            | *        |                   |      |           |        | 3      |        |
| 38-03, 113 | D     | 2         | 30           | 68   |      |                    |           | 50      |           |      | 2        |          |          |            |          |                   | 1    |           |        | 10     |        |
| 38-04, 140 | M     | 20        | 30           | 50   |      |                    | 3         | 24      |           |      | 5        |          |          |            |          |                   | *    |           |        | 10     |        |
| 39-01, 126 | M     | 50        | 25           | 25   |      |                    |           | 2       | 25        |      |          | *        |          |            | *        |                   | 5    |           |        | 15     |        |
| 39-02, 71  | D     | *         | 15           | 85   |      |                    |           | 71      |           |      |          |          |          |            | *        |                   | *    |           |        | 2      |        |
| 39-05, 68  | M     | 2         | 30           | 68   |      |                    | 30        | 42      |           |      |          |          |          |            | *        |                   | 1    |           |        | 10     |        |
| 39-06, 26  | M     | 1         | 35           | 64   |      |                    | 12        | 46      |           |      |          |          |          |            | 2        |                   | *    |           |        | 5      |        |
| 40-02, 46  | D     | 3         | 40           | 57   |      |                    |           | 59      |           |      |          | *        |          |            | 1        |                   | *    |           |        | 5      |        |
| 40-03, 78  | M     | *         | 25           | 75   |      |                    | 10        | 53      |           |      |          |          |          |            | 3        |                   |      |           |        | 3      |        |

| Volcanic Class | Biogenic |         |            |              |              |              |              |                           |                   |                 | Rock      |                  |        |              |             |                            |         |                |                |         |               |
|----------------|----------|---------|------------|--------------|--------------|--------------|--------------|---------------------------|-------------------|-----------------|-----------|------------------|--------|--------------|-------------|----------------------------|---------|----------------|----------------|---------|---------------|
|                | Zeolite  | Diatoms | Discoaster | Fish Remains | Foraminifers | Nannofossils | Radiolarians | Siliceous Sponge Spicules | Silicoflagellates | Sponge Spicules | Bioclasts | Carbonate Grains | Cement | Fecal Pellet | Intraclasts | Metamorphic Rock Fragments | Micrite | Organic Debris | Organic Matter | Pellets | Rock Fragment |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 2               |           |                  |        |              |             | 10                         | *       |                |                |         |               |
|                |          |         |            | 1            | 10           |              |              |                           |                   | 1               |           |                  |        |              |             | 5                          | 3       |                |                |         |               |
|                |          |         |            | 2            | 25           |              |              |                           |                   | 1               |           |                  |        |              |             | 5                          |         |                | *              |         |               |
|                |          | *       |            | 3            | 10           |              |              |                           |                   | 5               |           |                  |        |              |             | 10                         |         |                | 2              |         |               |
|                |          |         |            | 5            | 10           |              |              |                           |                   | 10              |           |                  |        |              |             | 5                          |         |                | 5              |         |               |
|                |          |         |            | 1            | 35           |              |              |                           |                   |                 |           |                  |        |              |             | 3                          | 3       |                |                |         |               |
|                |          | *       |            | 1            | 30           |              |              |                           |                   |                 |           |                  |        |              |             | 5                          | 2       |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 2               |           |                  |        |              |             | 10                         | *       |                | *              |         |               |
|                |          | *       |            | 2            | 25           |              |              |                           |                   | 5               |           |                  |        |              |             | 2                          | *       |                |                |         |               |
|                |          |         |            | 5            | 5            |              |              |                           |                   | 15              |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          | *       |            | 1            | 10           |              |              |                           |                   | 2               |           |                  |        |              |             | 15                         |         |                |                |         |               |
|                |          |         |            | 2            | 10           |              |              |                           |                   | 5               |           |                  |        |              |             | 20                         | 1       |                |                |         |               |
|                |          |         |            |              | 2            |              |              |                           |                   | 8               |           |                  |        |              |             | 2                          |         |                |                |         |               |
|                |          |         |            |              | 35           |              |              |                           |                   | 2               |           |                  |        |              |             | 5                          |         |                | 2              |         |               |
|                |          | *       |            | 1            | 30           |              |              |                           |                   | 5               |           |                  |        |              |             | 3                          |         |                |                |         |               |
|                |          |         |            |              | 15           |              |              |                           |                   | 2               |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            | 5            | 5            |              |              | *                         |                   |                 |           |                  | 2      |              |             | 3                          |         |                | 10             |         |               |
|                |          |         |            |              | 45           |              |              |                           |                   | 4               |           |                  |        |              |             | 2                          |         |                |                |         |               |
| *              |          |         |            | 5            | 3            |              |              |                           |                   | 15              |           |                  |        |              |             |                            |         |                |                |         |               |
|                |          |         |            |              | 20           |              |              |                           |                   |                 |           |                  |        |              |             | 15                         |         |                |                |         |               |
|                |          | *       |            |              | 20           |              |              |                           |                   | 5               |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            |              | 35           |              |              |                           | 1                 |                 |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            |              | 35           |              |              |                           |                   | 7               |           |                  | *      |              |             | 5                          |         |                |                |         |               |
|                |          |         |            | 2            | 20           |              |              |                           |                   | 5               |           |                  |        |              |             |                            |         |                |                |         |               |
|                |          |         |            | 60           | 10           |              |              |                           |                   |                 |           |                  |        |              |             | 2                          |         |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 5               |           |                  | *      |              |             | 4                          |         |                |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           | *                 | 10              |           |                  |        |              |             | 8                          |         |                |                |         |               |
|                |          |         |            | 5            | 5            |              |              |                           |                   | 55              |           |                  |        |              |             | 2                          |         |                |                |         |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   | 7               |           |                  | *      |              |             | 15                         | *       |                |                |         |               |
|                |          |         |            |              | 5            |              |              |                           |                   | 1               |           |                  |        |              |             | 15                         | *       |                |                |         |               |
|                |          | *       |            | *            | 20           |              |              |                           |                   | 5               |           |                  |        |              |             | 5                          | *       |                |                |         |               |
|                |          | 8       |            | 1            | 30           |              |              |                           |                   | 1               |           |                  |        | *            |             | 5                          |         |                |                |         |               |
|                |          |         |            | *            | 15           |              |              |                           |                   |                 |           |                  |        |              |             | 15                         |         |                |                |         |               |
|                |          |         |            | 10           | 20           |              |              |                           |                   | *               |           |                  |        | *            |             | 10                         | *       | *              |                |         |               |
|                |          |         |            | 2            | 25           |              |              |                           |                   | 5               |           |                  |        |              |             | 5                          | 2       |                |                |         |               |
|                |          | *       |            | 7            | 25           |              |              |                           |                   | 5               |           |                  |        |              |             | 3                          | 1       |                | 1              | *       |               |
|                |          |         |            | 1            | 30           |              |              |                           |                   | 1               |           |                  |        |              |             | 5                          | 1       |                |                |         |               |
|                |          |         |            | 15           | 10           |              |              |                           |                   | 10              |           |                  |        |              |             | 10                         |         |                | *              |         |               |
|                |          |         |            | 2            | 30           |              |              |                           |                   | 1               |           |                  |        |              |             | 3                          |         |                |                |         |               |
|                |          |         |            | 2            | 35           |              |              |                           |                   | 3               | 2         |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            | 2            | 30           |              |              |                           |                   | 5               |           |                  |        |              |             | 7                          | 1       |                |                |         |               |
|                |          |         |            | 2            | 30           |              |              |                           |                   | 1               |           |                  |        |              |             | 3                          |         |                |                |         |               |
|                |          |         |            | 3            | 20           |              |              |                           |                   | 3               |           |                  |        |              |             | 10                         | *       |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 5               |           |                  |        |              |             | 20                         | 15      |                |                |         |               |
|                |          |         |            | 5            | 19           |              |              |                           |                   | *               |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            | 3            | 20           |              |              |                           |                   | 10              |           |                  | *      |              |             | 10                         | *       |                |                | 5       |               |
|                |          |         |            | 1            | 15           |              |              |                           |                   | 3               |           |                  |        |              |             | 10                         |         |                |                |         |               |
|                |          |         |            | 1            | 30           |              |              |                           |                   | 1               |           |                  |        |              |             | 5                          |         |                |                |         |               |
|                |          |         |            | 20           | 30           |              |              |                           |                   |                 |           |                  |        |              |             | 8                          | *       |                |                |         |               |
|                |          | *       |            | 1            | 5            |              |              |                           |                   | 40              |           |                  |        |              |             | 5                          | *       |                |                |         |               |
|                |          |         |            | *            | 25           |              |              |                           |                   | *               |           |                  |        |              |             | 2                          | *       |                |                |         |               |
|                |          |         |            | *            | 10           |              |              |                           |                   | 2               |           |                  | *      |              |             | 5                          |         |                |                |         |               |
|                |          | *       |            |              | 20           |              |              |                           |                   |                 |           |                  |        |              |             | 15                         | *       |                |                |         |               |
|                |          |         |            | 1            | 20           |              |              |                           |                   | 2               |           |                  |        |              |             | 8                          |         |                |                |         |               |
|                |          | *       |            |              | 25           |              |              |                           |                   |                 |           |                  |        |              |             | 5                          | 1       |                | *              |         |               |

| Leg: 161   |       | Site: 977 |              |      |      |                    |           |         |           |      |          |          |          |            |          |                   |      |           |         |        |        |    |
|------------|-------|-----------|--------------|------|------|--------------------|-----------|---------|-----------|------|----------|----------|----------|------------|----------|-------------------|------|-----------|---------|--------|--------|----|
| Sample     | Depth | Lithology | Texture data |      |      | Mineral            |           |         |           |      |          |          |          |            |          |                   |      |           |         |        |        |    |
|            |       |           | Sand         | Silt | Clay | Accessory Minerals | Amphibole | Biotite | Carbonate | Clay | Dolomite | Fe Oxide | Feldspar | Glauconite | Hematite | Inorganic Calcite | Mica | Muscovite | Opacues | Pyrite | Quartz |    |
| 41-06, 80  | D     | *         | 30           | 70   |      |                    |           | 57      | *         |      |          | 2        |          |            |          |                   |      |           |         |        |        | 8  |
| 41-07, 31  | M     | 5         | 15           | 80   |      |                    |           | 46      |           |      |          | 2        |          |            |          |                   |      |           |         |        | 1      | 3  |
| 41-07, 40  | M     | 5         | 25           | 70   |      |                    |           | 52      |           |      |          | 2        |          |            |          |                   |      |           |         |        | 3      | 5  |
| 42-04, 21  | M     | 10        | 35           | 55   |      |                    |           | 48      |           |      |          | 1        | *        |            |          | 1                 |      |           |         |        | 5      | 5  |
| 42-04, 22  | M     | 3         | 17           | 80   |      |                    |           | 57      |           |      |          | 1        |          |            |          | 1                 |      |           |         |        | 5      | 1  |
| 42-06, 82  | D     | 0         | 10           | 90   |      |                    |           | 54      |           |      |          |          |          |            |          | 1                 |      |           |         |        | 1      | 1  |
| 43-04, 124 | D     | *         | 30           | 70   | *    |                    |           | 48      |           |      |          |          |          |            |          | 3                 |      |           |         |        | 3      | 2  |
| 43-06, 25  | D     | 2         | 25           | 73   |      |                    |           | 52      |           |      |          |          |          |            |          | *                 |      |           |         |        | 1      | 1  |
| 44-03, 45  | D     | *         | 20           | 80   |      |                    |           | 58      |           |      |          | 2        |          |            |          | 1                 |      |           |         |        | 8      | 1  |
| 44-04, 79  | M     | 40        | 35           | 25   | *    |                    |           | 22      |           |      |          | 2        |          |            |          | 5                 |      |           |         |        | 20     | 8  |
| 44-04, 96  | M     | 10        | 30           | 60   | *    |                    |           | 52      |           |      |          | 1        |          |            |          | *                 |      |           |         | *      |        | 1  |
| 45-03, 19  | D     | 10        | 25           | 65   |      |                    |           | 51      | 3         |      |          | 1        |          |            |          | *                 |      |           |         |        | 1      | 2  |
| 45-05, 106 | M     | 10        | 25           | 65   |      |                    |           | 48      | 1         |      |          | 2        | *        |            |          | 1                 |      |           |         |        | 1      | 2  |
| 45-05, 149 | M     | *         | 15           | 85   | *    |                    |           | 61      |           |      |          | 1        |          |            |          | 1                 |      |           |         |        | 1      | 1  |
| 46-02, 67  | D     | 10        | 30           | 60   | *    |                    |           | 44      |           |      |          | 1        |          |            |          |                   |      |           |         |        |        | 1  |
| 46-04, 5   | M     | 30        | 30           | 40   |      |                    |           | 35      |           |      |          | 1        | *        |            |          | *                 |      |           |         |        | 1      | 1  |
| 46-04, 38  | M     | 3         | 15           | 82   |      |                    |           | 57      |           |      | *        | *        |          |            |          | *                 |      |           |         |        |        | *  |
| 46-06, 137 | D     | 1         | 10           | 89   |      |                    |           | 60      |           |      |          | 1        |          |            |          | *                 |      |           |         |        | 2      | 1  |
| 47-01, 56  | D     | 2         | 10           | 88   |      |                    |           | 59      | *         | *    |          |          |          |            |          | 1                 |      |           |         |        |        | 1  |
| 47-02, 26  | M     | 2         | 25           | 73   | *    |                    |           | 57      | *         |      | 1        | 1        |          |            |          | 2                 |      |           |         |        | 1      | 1  |
| 47-07, 35  | M     | 2         | 18           | 80   |      |                    |           | 50      |           | *    | *        | 1        |          |            |          | 2                 |      |           |         |        | 1      | 1  |
| 48-01, 81  | D     | 2         | 10           | 88   |      |                    |           | 50      |           |      |          |          |          |            |          | *                 |      |           |         |        | *      | 5  |
| 48-02, 40  | D     | 5         | 15           | 80   |      |                    |           | 59      |           |      |          | 3        |          |            |          | *                 |      |           |         |        | *      | 7  |
| 48-06, 114 | M     | 1         | 15           | 84   |      |                    |           | 64      |           |      |          | 2        |          |            |          |                   |      |           |         |        | 1      | 5  |
| 48-06, 115 | M     | 5         | 20           | 75   |      |                    |           | 56      |           |      |          | 1        |          |            |          |                   |      |           |         |        | 1      | 3  |
| 49-01, 32  | D     | 5         | 15           | 80   |      |                    |           | 53      |           |      |          | 2        |          |            |          | 1                 |      |           |         |        |        | 5  |
| 49-03, 127 | D     | *         | 5            | 95   |      |                    |           | 49      | 1         |      |          | 1        |          |            |          |                   |      |           |         | *      |        | 3  |
| 49-06, 32  | D     | 10        | 10           | 80   |      |                    |           | 63      |           |      |          | 3        |          |            |          |                   |      |           |         |        |        | 2  |
| 49-07, 16  | M     | 20        | 35           | 45   |      |                    |           | 40      |           |      |          | 2        |          |            |          | 1                 |      |           |         |        | 2      | 5  |
| 50-02, 15  | M     | 30        | 50           | 20   |      |                    |           | 27      |           |      |          | 5        | *        |            |          | 2                 |      |           |         | *      |        | 15 |
| 50-04, 112 | D     | 10        | 25           | 65   |      |                    |           | 58      |           |      |          | 1        | *        |            |          | 1                 |      |           |         |        | 1      | 3  |
| 50-05, 103 | M     | 20        | 20           | 60   |      |                    |           | 43      |           |      |          | 2        |          |            |          | *                 |      |           |         |        |        | 4  |
| 50-05, 125 | M     | 8         | 25           | 67   |      |                    |           | 47      |           |      |          | 5        |          |            |          |                   | *    |           |         |        | 1      | 3  |
| 50-06, 117 | D     | 1         | 10           | 89   |      |                    |           | 63      |           |      |          | 1        |          |            |          | 1                 |      |           |         | *      |        | 3  |
| 51-01, 55  | D     | 10        | 10           | 80   |      |                    |           | 46      |           |      |          | 1        | *        |            |          |                   |      |           |         | *      |        | 5  |
| 51-01, 120 | M     | 20        | 35           | 45   |      |                    |           | 43      |           |      |          | 3        |          |            |          |                   |      |           |         |        | 8      | 5  |
| 51-03, 18  | M     | 1         | 5            | 94   |      |                    |           | 75      |           |      |          |          |          |            |          |                   |      |           |         |        | 2      | 2  |
| 51-04, 82  | M     | 10        | 10           | 80   |      |                    |           | 52      |           |      |          | 3        |          |            |          | *                 |      |           |         | *      |        | 7  |
| 52-02, 107 | D     | 3         | 17           | 80   |      |                    |           | 54      |           |      |          | 1        |          |            |          | 1                 |      |           |         |        | 1      | 1  |
| 52-04, 45  | M     | *         | 20           | 80   |      |                    |           | 52      |           | *    |          |          |          |            |          | 1                 |      |           |         | *      |        | 1  |
| 52-06, 78  | M     | 30        | 70           | 0    | 1    |                    |           | 46      |           |      |          | 5        | 1        |            |          | 2                 |      |           |         |        | 4      | 5  |
| 52-06, 105 | D     | 1         | 19           | 80   |      |                    |           | 32      |           |      |          | *        |          |            |          | 1                 |      |           |         | *      |        | 1  |
| 53-02, 112 | D     | *         | 15           | 85   |      |                    |           | 44      |           |      | 1        |          |          |            |          | 2                 |      |           |         |        | 1      | *  |
| 53-05, 122 | M     | *         | 10           | 90   |      |                    |           | 61      |           |      |          | 1        |          |            |          | 1                 |      |           |         | *      |        | 1  |
| 53-06, 61  | D     | 0         | 10           | 90   |      |                    |           | 59      |           | *    |          |          |          |            |          | 1                 |      |           |         |        |        |    |
| 54-05, 2   | D     | *         | 10           | 90   |      |                    |           | 51      |           | *    | *        | 1        |          |            |          | *                 |      |           |         | *      | 5      | 1  |
| 54-05, 25  | D     | 5         | 10           | 85   |      |                    |           | 40      |           | *    |          |          |          |            |          | 2                 |      |           |         | *      |        | 1  |
| 55-04, 77  | D     | 3         | 10           | 87   |      |                    |           | 49      |           | *    |          |          |          |            |          | *                 |      |           |         |        | 1      | *  |
| 55-04, 92  | D     | 2         | 15           | 83   |      |                    |           | 47      |           |      |          | 2        |          |            |          | 2                 |      |           |         |        | 1      | *  |
| 55-04, 100 | M     | 50        | 20           | 30   |      |                    |           | 26      |           |      |          | 5        |          |            |          | *                 |      |           |         |        | 1      | *  |
| 55-04, 145 | D     | 0         | 10           | 90   |      |                    |           | 65      |           | *    | *        |          |          |            |          | *                 |      |           |         | *      |        | *  |
| 55-05, 51  | M     | 2         | 38           | 60   | *    |                    |           | 38      |           |      |          | 5        |          |            |          | 3                 |      |           |         |        | 5      | 5  |
| 55-07, 36  | M     | 0         | 5            | 95   |      |                    |           | 58      |           |      | 10       |          |          |            |          |                   |      |           |         |        |        | *  |
| 55-07, 40  | M     | 25        | 45           | 30   |      |                    | 30        | 26      |           | *    |          | 1        | 20       |            |          |                   |      |           |         |        | 15     | *  |
| 56-02, 81  | M     | 2         | 15           | 83   | *    |                    |           | 85      |           |      |          | 1        |          |            |          |                   |      |           |         |        | 2      |    |

| Volcanic Glass | Zeolite | Biogenic |            |              |              |              |              |                           |                   |                 |           | Rock             |        |              |             |                            |         |                |                |         |
|----------------|---------|----------|------------|--------------|--------------|--------------|--------------|---------------------------|-------------------|-----------------|-----------|------------------|--------|--------------|-------------|----------------------------|---------|----------------|----------------|---------|
|                |         | Diatoms  | Discoaster | Fish Remains | Foraminifers | Nannofossils | Radiolarians | Siliceous Sponge Spicules | Silicoflagellates | Sponge Spicules | Bioclasts | Carbonate Grains | Cement | Fecal Pellet | Intraclasts | Metamorphic Rock Fragments | Micrite | Organic Debris | Organic Matter | Pellets |
|                |         | *        |            |              | 25           |              |              |                           | *                 | 3               |           |                  |        |              | 5           | *                          |         |                |                |         |
|                |         |          |            | 3            | 25           |              |              |                           |                   | 5               |           |                  |        |              | 5           | 10                         |         |                |                |         |
|                |         |          |            | 5            | 25           |              |              |                           |                   | 3               |           |                  |        |              | 5           |                            |         |                |                |         |
|                | *       |          |            | 15           | 10           |              |              |                           |                   | 5               |           |                  |        |              | 10          |                            |         |                |                |         |
|                | 1       |          |            | 5            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           | 2                          |         |                |                |         |
|                |         | 1        |            | 5            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |
|                |         | 2        |            | 1            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 8           |                            |         |                |                |         |
|                |         | 1        |            | 2            | 30           |              |              |                           |                   | 2               |           |                  |        |              | 10          | 1                          |         |                |                |         |
|                |         | *        |            | 1            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           | 1                          |         |                |                |         |
|                |         | *        |            | 20           | 1            |              |              |                           |                   | 19              |           |                  |        |              | 3           |                            |         |                |                |         |
|                |         | 2        |            | 8            | 30           |              |              |                           |                   | 3               |           |                  |        |              | 3           | *                          |         |                |                |         |
|                |         | 2        |            | 5            | 20           |              |              |                           |                   | 5               |           |                  |        |              | 10          | *                          |         |                |                |         |
|                |         | 2        |            | 15           | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           | 1                          |         |                |                |         |
|                |         | 2        |            | 1            | 25           |              |              |                           |                   | 1               |           |                  |        |              | 3           | 2                          |         |                |                |         |
|                |         |          |            | 20           | 30           |              |              |                           |                   | 1               |           |                  |        |              | 3           | *                          |         |                |                |         |
|                |         |          | *          | 50           | 10           |              |              |                           |                   | *               |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         | 2        |            | 5            | 30           |              |              |                           |                   |                 |           |                  |        |              | 5           | 1                          |         |                |                |         |
|                |         |          |            | 3            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         | 2        |            | 5            | 30           |              |              |                           |                   |                 |           |                  |        |              | 2           |                            |         | *              |                |         |
|                |         | 1        |            | 3            | 25           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 2                          |         |                |                |         |
|                |         | 2        |            | 5            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 2                          |         | *              |                |         |
|                |         |          |            | *            | 35           |              |              |                           |                   | 5               |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         |          |            | *            | 20           |              |              |                           | *                 | 8               |           |                  |        |              | 3           | *                          |         |                |                |         |
|                |         | *        |            | *            | 20           |              |              |                           |                   |                 |           |                  |        |              | 5           | *                          |         |                |                |         |
|                |         | 1        |            | 1            | 25           |              |              |                           |                   | 6               |           |                  |        |              | 3           | *                          |         |                |                |         |
|                |         | 1        |            | 1            | 30           |              |              |                           | *                 | 4               |           |                  |        |              | 3           |                            |         |                |                |         |
|                |         | *        |            | *            | 40           |              |              |                           | *                 | 5               |           |                  |        |              | 1           | *                          |         |                |                |         |
|                |         | *        |            | 1            | 20           |              |              |                           |                   | 9               |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         |          |            | 2            | 20           |              |              |                           |                   | 20              |           |                  |        |              | 8           |                            |         |                |                |         |
|                |         |          |            |              | 5            |              |              |                           |                   | 1               |           |                  | 30     |              |             |                            |         |                |                |         |
|                |         | *        |            | 1            | 15           |              |              |                           |                   | 10              |           |                  |        |              | 2           | 5                          | 2       |                |                |         |
|                |         |          |            | 1            | 25           |              |              |                           |                   | 10              |           |                  |        |              | 5           |                            |         |                |                |         |
|                |         | 2        |            | 1            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           | 2                          |         | *              |                |         |
|                |         | *        |            | *            | 20           |              |              |                           |                   | 2               |           |                  |        |              | 5           |                            |         |                |                |         |
|                |         | *        |            | 5            | 25           |              |              |                           |                   | 8               |           |                  |        |              | 2           | 5                          | 1       |                | *              |         |
|                |         |          |            |              | 8            |              |              |                           |                   |                 |           |                  |        |              | 3           |                            |         |                |                |         |
|                |         | *        |            |              | 15           |              |              |                           | *                 | 3               |           |                  |        |              | 5           |                            |         |                |                |         |
|                |         |          |            | 10           | 20           |              |              |                           |                   | 2               |           |                  |        |              | 3           |                            |         |                |                |         |
|                |         | 1        |            | 5            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 5           | *                          |         | *              |                |         |
|                |         | *        |            | 5            | 30           |              |              |                           |                   | 1               |           |                  |        |              | 10          | *                          |         |                |                |         |
|                |         |          | *          | 5            | 2            |              |              |                           |                   | 20              |           |                  |        |              | 10          |                            |         |                |                |         |
|                |         |          |            | 10           | 50           |              |              |                           |                   | 1               |           |                  |        |              | 2           | 3                          |         |                |                |         |
|                |         |          |            | 5            | 40           |              |              |                           |                   | 1               |           |                  |        |              | 5           | 1                          |         |                |                |         |
|                |         | 2        |            | 3            | 25           |              |              |                           |                   | 1               |           |                  |        |              | 3           | 2                          |         | *              |                |         |
|                |         | 2        |            | 1            | 35           |              |              |                           |                   |                 |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         | 1        |            | 2            | 35           |              |              |                           |                   | 1               |           |                  |        |              | 2           | 1                          |         |                |                |         |
|                |         | 1        |            | 8            | 45           |              |              |                           |                   | 1               |           |                  |        |              | 2           | *                          |         |                |                |         |
|                |         | 2        |            | 8            | 35           |              |              |                           |                   | 1               |           |                  |        |              | 2           |                            |         |                |                |         |
|                |         | 2        |            | 3            | 40           |              |              |                           |                   |                 |           |                  |        |              | 3           | *                          |         |                |                |         |
|                |         |          |            | 60           | 5            |              |              |                           |                   |                 |           |                  |        |              | 3           |                            |         |                |                |         |
|                |         | 1        |            | 1            | 30           |              |              |                           |                   | *               |           |                  |        |              | 2           | 1                          |         |                |                |         |
|                |         | 2        |            | 10           | 20           |              |              |                           |                   | *               |           |                  |        |              | 10          | 2                          |         |                |                |         |
|                |         |          |            | *            | 25           |              |              |                           |                   |                 |           |                  |        |              | 7           | *                          |         |                |                |         |
|                |         | 1        |            | 1            | 5            |              |              |                           |                   |                 |           |                  |        |              | 1           |                            |         |                |                |         |
| 5              |         |          |            | 2            | 10           |              |              |                           |                   |                 |           |                  |        |              |             |                            |         |                | *              |         |



| Leg: 161   |                                    | Site: 977 |           |              |      |      |                    |           |         |           |      |          |          |          |            |          |                   |      |           |          |        |        |
|------------|------------------------------------|-----------|-----------|--------------|------|------|--------------------|-----------|---------|-----------|------|----------|----------|----------|------------|----------|-------------------|------|-----------|----------|--------|--------|
| Sample     | Hole, core, section, location (cm) | Depth     | Lithology | Texture data |      |      | Mineral            |           |         |           |      |          |          |          |            |          |                   |      |           |          |        |        |
|            |                                    |           |           | Sand         | Silt | Clay | Accessory Minerals | Amphibole | Biotite | Carbonate | Clay | Dolomite | Fe Oxide | Feldspar | Glauconite | Hematite | Inorganic Calcite | Mica | Muscovite | Opauques | Pyrite | Quartz |
| 56-02, 103 | D                                  | 5         | 10        | 85           | *    |      |                    | 1         | 50      |           |      |          | 1        |          |            |          | *                 |      | 2         |          | 1      |        |
| 56-03, 44  | M                                  | 2         | 10        | 88           |      |      |                    |           | 44      |           |      |          | *        | *        |            |          | *                 |      | *         |          |        |        |
| 57-01, 23  | D                                  | 5         | 10        | 85           |      |      |                    |           | 52      |           |      |          |          |          |            |          | *                 |      |           |          |        |        |
| 57-01, 114 | D                                  | 5         | 10        | 85           |      |      |                    |           | 42      |           |      |          |          |          |            |          |                   |      |           |          |        |        |
| 57-CC, 35  | M                                  | 30        | 55        | 15           |      |      |                    |           | 10      |           |      |          | 15       |          |            |          |                   |      |           |          |        | 20     |

|                |         | Biogenic |            |              |              |              |              |                           |                   |                 |           | Rock             |        |              |             |                            |         |                |                |         |               |
|----------------|---------|----------|------------|--------------|--------------|--------------|--------------|---------------------------|-------------------|-----------------|-----------|------------------|--------|--------------|-------------|----------------------------|---------|----------------|----------------|---------|---------------|
| Volcanic Class | Zeolite | Diatoms  | Discoaster | Fish Remains | Foraminifers | Nannofossils | Radiolarians | Siliceous Sponge Spicules | Silicoflagellates | Sponge Spicules | Bioclasts | Carbonate Grains | Cement | Fecal Pellet | Intraclasts | Metamorphic Rock Fragments | Micrite | Organic Debris | Organic Matter | Pellets | Rock Fragment |
|                |         | *        |            | 7            | 35           |              |              |                           |                   | 1               |           |                  |        |              |             | 2                          |         |                |                |         |               |
|                |         |          |            | 2            | 40           |              |              |                           |                   |                 |           |                  |        | 2            |             | 10                         | 2       |                |                |         |               |
|                |         |          |            | 5            | 38           |              |              |                           |                   |                 |           |                  |        |              |             | 5                          | *       |                |                |         |               |
|                |         |          |            | 7            | 35           |              |              |                           |                   |                 |           |                  |        | 1            |             | 15                         |         |                |                |         |               |
|                |         |          |            |              | 10           |              |              |                           |                   |                 |           |                  |        | 20           |             | 25                         |         |                |                |         |               |