



Figure A2-1 RMS amplitude of seismic traces for line RR1508\_HKS01\_01 used to detect noisy channels or shots.

Table A2.3 RR1508 seismic reflection lines.

| Seismic Line (RR1508-) | First SP | Last SP | Nshots | First Day (JJJ) | First Hr | First Min | Last Day (JJJ) | Last Hr | Last Min | First CDP | Last CDP | NCDPs | Line Length (km) | First CDP Location |              | Last CDP Location |              |
|------------------------|----------|---------|--------|-----------------|----------|-----------|----------------|---------|----------|-----------|----------|-------|------------------|--------------------|--------------|-------------------|--------------|
|                        |          |         |        |                 |          |           |                |         |          |           |          |       |                  | Longitude (°)      | Latitude (°) | Longitude (°)     | Latitude (°) |
| HKS01_03               | 1001     | 3262    | 2262   | 147             | 5        | 0         | 147            | 14      | 31       | 100       | 9209     | 9110  | 56.931           | 178.6742           | -38.5703     | 178.3214          | -39.0004     |
| HKS01_04               | 3264     | 5298    | 2035   | 147             | 15       | 22        | 147            | 22      | 22       | 100       | 8301     | 8202  | 51.256           | 178.3638           | -39.0108     | 178.9104          | -39.1843     |
| HKS01_05               | 5343     | 6280    | 938    | 147             | 22       | 45        | 148            | 2       | 0        | 100       | 3941     | 3842  | 24.006           | 178.9025           | -39.1741     | 178.9017          | -38.9586     |
| HKS01_05A              | 6101     | 7931    | 1831   | 148             | 3        | 11        | 148            | 9       | 24       | 100       | 7477     | 7378  | 46.106           | 178.9014           | -39.0038     | 178.8969          | -38.5897     |
| HKS01_06               | 1002     | 2176    | 1175   | 148             | 10       | 14        | 148            | 14      | 20       | 100       | 4846     | 4751  | 29.662           | 178.8967           | -38.5900     | 179.1900          | -38.7244     |
| HKS01_07               | 2179     | 3540    | 1362   | 148             | 15       | 51        | 148            | 20      | 1        | 100       | 5053     | 4954  | 30.956           | 179.1627           | -38.7169     | 178.8277          | -38.6257     |
| HKS01_08               | 3543     | 4900    | 1358   | 148             | 21       | 4         | 149            | 1       | 27       | 100       | 5488     | 5389  | 33.675           | 178.8353           | -38.6276     | 179.1718          | -38.7755     |
| HKS01_09               | 1002     | 2233    | 1232   | 149             | 2        | 13        | 149            | 6       | 13       | 100       | 5078     | 4980  | 31.112           | 179.1623           | -38.7717     | 178.8209          | -38.6907     |
| HKS01_09A              | 1002     | 1421    | 420    | 149             | 6        | 21        | 149            | 7       | 51       | 100       | 1860     | 1761  | 11.000           | 178.8117           | -38.6892     | 178.8189          | -38.5932     |
| HKS01_02               | 1001     | 1877    | 877    | 149             | 8        | 2         | 149            | 11      | 15       | 100       | 3723     | 3625  | 22.644           | 178.8179           | -38.5825     | 179.0676          | -38.6237     |
| HKS01_02A              | 1001     | 1825    | 825    | 149             | 11       | 21        | 149            | 14      | 6        | 100       | 3480     | 3383  | 21.125           | 179.0720           | -38.6243     | 179.1524          | -38.7995     |
| HKS01_01               | 1828     | 3347    | 1520   | 149             | 14       | 13        | 149            | 19      | 17       | 100       | 6254     | 6156  | 38.462           | 179.1545           | -38.8049     | 178.9807          | -39.1213     |
| HKS01_10               | 3349     | 4809    | 1461   | 149             | 21       | 32        | 150            | 2       | 21       | 100       | 6001     | 5902  | 36.881           | 179.0674           | -39.0773     | 178.6819          | -38.9386     |

| Seismic Line (RR1508-) | First SP | Last SP | Nshots | First Day (JJJ) | First Hr | First Min | Last Day (JJJ) | Last Hr | Last Min | First CDP | Last CDP | NCDPs | Line Length (km) | First CDP Location |              | Last CDP Location |              |
|------------------------|----------|---------|--------|-----------------|----------|-----------|----------------|---------|----------|-----------|----------|-------|------------------|--------------------|--------------|-------------------|--------------|
|                        |          |         |        |                 |          |           |                |         |          |           |          |       |                  | Longitude (°)      | Latitude (°) | Longitude (°)     | Latitude (°) |
| HKS02_01               | 1002     | 1880    | 879    | 158             | 0        | 5         | 158            | 3       | 5        | 100       | 3664     | 3565  | 22.275           | 176.8176           | -41.4841     | 176.6611          | -41.3220     |
| HKS02_01A              | 2002     | 3496    | 1495   | 158             | 5        | 54        | 158            | 11      | 0        | 100       | 6130     | 6031  | 37.688           | 176.7491           | -41.4132     | 176.4852          | -41.1388     |
| HKS02_02               | 1002     | 1792    | 791    | 158             | 11       | 44        | 158            | 14      | 14       | 100       | 3311     | 3212  | 20.069           | 176.5053           | -41.1236     | 176.6442          | -41.2706     |
| HKS02_03               | 1002     | 1810    | 809    | 158             | 15       | 7         | 158            | 17      | 51       | 100       | 3383     | 3284  | 20.519           | 176.6074           | -41.2912     | 176.4610          | -41.1433     |
| HKS02_04A              | 1003     | 1451    | 449    | 158             | 18       | 16        | 158            | 19      | 39       | 100       | 1941     | 1842  | 11.506           | 176.4456           | -41.1563     | 176.5234          | -41.2415     |
| HKS02_04B              | 1002     | 2710    | 1709   | 158             | 23       | 35        | 159            | 5       | 22       | 100       | 6988     | 6889  | 43.050           | 176.5032           | -41.2201     | 176.7902          | -41.5414     |
| HKS02_05               | 1002     | 1287    | 286    | 158             | 20       | 17        | 158            | 21      | 14       | 100       | 1288     | 1189  | 7.425            | 176.5178           | -41.2412     | 176.5903          | -41.2029     |
| HKS02_06               | 1002     | 1099    | 98     | 158             | 22       | 30        | 158            | 22      | 50       | 100       | 536      | 437   | 2.725            | 176.5254           | -41.2117     | 176.4990          | -41.2261     |
| HKS02_09               | 1002     | 1524    | 523    | 159             | 15       | 59        | 159            | 17      | 37       | 100       | 2237     | 2138  | 13.356           | 176.4691           | -41.4920     | 176.5731          | -41.5833     |
| HKS02_10               | 1002     | 1577    | 576    | 159             | 10       | 34        | 159            | 12      | 22       | 100       | 2450     | 2351  | 14.688           | 176.4428           | -41.4901     | 176.5594          | -41.5891     |
| HKS02_11               | 1002     | 1537    | 536    | 159             | 18       | 24        | 159            | 20      | 30       | 100       | 2290     | 2191  | 13.688           | 176.5393           | -41.5919     | 176.4321          | -41.4989     |
| HKS02_12               | 1002     | 1548    | 547    | 159             | 13       | 12        | 159            | 15      | 14       | 100       | 2334     | 2235  | 13.962           | 176.5243           | -41.6001     | 176.4178          | -41.5033     |
| HKS02_30               | 1002     | 1395    | 394    | 158             | 3        | 57        | 158            | 5       | 18       | 100       | 1720     | 1621  | 10.138           | 176.6581           | -41.3466     | 176.7295          | -41.4201     |
| HKS02_31               | 1002     | 2044    | 1043   | 159             | 6        | 3         | 159            | 9       | 54       | 100       | 4333     | 4234  | 26.456           | 176.7643           | -41.5527     | 176.4658          | -41.4733     |
| HKS02_13               | 1003     | 1620    | 618    | 159             | 21       | 15        | 159            | 23      | 11       | 100       | 2618     | 2519  | 15.738           | 176.3989           | -41.5132     | 176.5181          | -41.6229     |
| HKS02_13A              | 1002     | 1721    | 720    | 160             | 0        | 12        | 160            | 2       | 55       | 100       | 3027     | 2928  | 18.294           | 176.5337           | -41.6379     | 176.3953          | -41.5103     |
| HKS02_16               | 1003     | 1822    | 820    | 161             | 8        | 22        | 161            | 10      | 45       | 100       | 3428     | 3320  | 20.812           | 175.8523           | -41.6964     | 176.0762          | -41.6136     |
| HKS02_17               | 1003     | 1842    | 840    | 161             | 15       | 26        | 161            | 18      | 0        | 100       | 3505     | 3406  | 21.281           | 175.8585           | -41.7061     | 176.0892          | -41.6240     |
| HKS02_18               | 1002     | 1934    | 933    | 160             | 3        | 24        | 160            | 7       | 31       | 100       | 3931     | 3832  | 23.944           | 176.3644           | -41.5105     | 176.1243          | -41.6248     |
| HKS02_18A              | 2002     | 2950    | 949    | 161             | 3        | 47        | 161            | 7       | 28       | 100       | 3943     | 3844  | 24.019           | 176.1239           | -41.6256     | 175.8630          | -41.7175     |
| HKS02_19               | 1002     | 1879    | 878    | 161             | 18       | 37        | 161            | 21      | 33       | 100       | 3658     | 3559  | 22.238           | 176.1108           | -41.6419     | 175.8701          | -41.7286     |
| HKS02_20               | 1002     | 1892    | 891    | 161             | 11       | 53        | 161            | 14      | 41       | 100       | 3715     | 3616  | 22.594           | 176.1230           | -41.6497     | 175.8783          | -41.7372     |
| HKS02_21               | 1002     | 1268    | 267    | 161             | 23       | 41        | 162            | 0       | 27       | 100       | 1212     | 1113  | 6.950            | 175.9667           | -41.7170     | 175.9295          | -41.6610     |
| HKS02_22               | 1003     | 1557    | 555    | 162             | 0        | 54        | 162            | 2       | 32       | 100       | 2365     | 2266  | 14.156           | 175.9499           | -41.6588     | 176.1096          | -41.7023     |

