Appendix1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Index** | **Latitude** | **Longitude** | **Index** | **Latitude** | **Longitude** |
| 1 | -17.95429639 | 25.86001862 | 16 | -16.25806428 | 28.85316048 |
| 2 | -17.98185632 | 25.89936654 | 17 | -16.09780434 | 28.86595697 |
| 3 | -18.00023432 | 25.96391353 | 18 | -16.03950673 | 28.8529397 |
| 4 | -17.9729399 | 26.04504747 | 19 | -15.94309125 | 28.98152802 |
| 5 | -17.98077678 | 26.06237687 | 20 | -15.91636531 | 29.03799959 |
| 6 | -17.9811988 | 26.09209303 | 21 | -15.87345469 | 29.09278958 |
| 7 | -17.93370193 | 26.09502116 | 22 | -15.83983952 | 29.13142281 |
| 8 | -17.90436458 | 26.18154261 | 23 | -15.77061989 | 29.21746982 |
| 9 | -17.91802425 | 26.24549214 | 24 | -15.71651528 | 29.36415062 |
| 10 | -17.93072404 | 26.35505629 | 25 | -15.68258206 | 29.51172709 |
| 11 | -17.96519042 | 26.45792879 | 26 | -15.65857082 | 29.59588383 |
| 12 | -18.01840547 | 26.57676124 | 27 | -15.63735344 | 29.73505655 |
| 13 | -18.07516507 | 26.68457827 | 28 | -15.63128574 | 29.94755332 |
| 14 | -18.00889601 | 26.83070749 | 29 | -15.64337934 | 30.27380023 |
| 15 | -17.98417243 | 26.87804556 | 30 | -15.65429104 | 30.36052369 |

Appendix2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Selected Sites | latitude | longitude |  |  |  |  |  |
|  | -17.9543 | 25.86 | 20 | 7652 | 246 | 8.4963 | 1 |
|  | -17.9819 | 25.8994 | 20 | 7772 | 219 | 7.3277 | 1 |
|  | -17.9729 | 26.045 | 20 | 18838 | 407 | 16.1259 | 1 |
|  | -17.9808 | 26.0624 | 20 | 2160 | 281 | 10.0637 | 1 |
|  | -17.9812 | 26.0921 | 20 | 3178 | 359 | 13.7455 | 1 |
|  | -17.9044 | 26.1815 | 20 | 17927 | 319 | 11.8267 | 1 |
|  | -17.918 | 26.2455 | 20 | 9952 | 218 | 7.2851 | 1 |
|  | -17.9307 | 26.4579 | 20 | 12451 | 248 | 8.5843 | 1 |
|  | -17.9652 | 26.5768 | 20 | 12462 | 323 | 12.0158 | 1 |
|  | -18.0184 | 26.6846 | 20 | 16279 | 260 | 9.1164 | 1 |
|  | -18.0752 | 2.6846 | 20 | 14300 | 534 | 22.7845 | 1 |
|  | -16.0395 | 28.8529 | 20 | 365202 | 372 | 14.3821 | 1 |
|  | -15.9164 | 29.038 | 20 | 31993 | 939 | 46.7326 | 1 |
|  | -15.6374 | 29.7351 | 20 | 99024 | 825 | 39.6348 | 1 |
|  | -15.6313 | 29.9476 | 20 | 23437 | 452 | 18.4285 | 1 |
|  | -15.6434 | 30.2738 | 20 | 80157 | 408 | 16.1764 | 1 |