|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | **Site 1 (3.5 ft)** | **Site 2 (7ft)** |  |  |  |
| **In Air** | **0.85(×1000)** |  |  |  |  |
| **surface** | **3.56(×100)** |  |  |  |  |
| **0.2 m** | **3.11(×100)** |  |  | **0** | **356** |
| **0.6 m** | **2.46(×100)** |  |  | **0.2** | **311** |
| **1.1 m** | **1.9(×100)** |  |  | **0.6** | **246** |
| **2.1 m** | **1.7(×100)** |  |  | **1.1** | **109** |
| **3.1 m** | **1.4(×100)** |  |  | **2.1** | **107** |
|  |  |  |  | **3.1** | **104** |
|  |  |  |  |  |  |
|  | **site 1 (5.5 feet)** | **site 2 (7 feet)** |  |  |  |
| **In Air** | **N/A** |  |  |  |  |
| **surface** | **3.95(×100)** |  |  |  |  |
| **0.2 m** | **2.70(×100)** |  |  |  |  |
| **0.6 m** | **2.21(×100)** |  |  | **0** | **395** |
| **1.1 m** | **1.72(×100)** |  |  | **0.2** | **270** |
| **2.1 m** | **1.24(×100)** |  |  | **0.6** | **221** |
| **3.1 m** | **1.09(×100)** |  |  | **1.1** | **172** |
| **4.1 m** | **0.93(×100)** |  |  | **2.1** | 124 |
| **5.1 m** | **0.27(×100)** |  |  | **3.1** | 109 |
| **6.1 m** | **0.62(×100)** |  |  | **4.1** | 93 |
| **7.1 m** | **0.49(×100)** |  |  | **5.1** | 27 |
| **7.1 m** | **0.39(×100)** |  |  | **6.1** | 62 |
|  |  |  |  | **7.1** | 49 |
| K= (ln I0 - ln ID) \* D-1 | |  |  | **8.1** | 39 |
| ID = Light Intensity at depth | |  |  |  |  |
| I0 = Light Intensity at the surface | |  |  |  |  |
| K = Extinction Coefficient (0.035 for pure water ) | | |  |  |  |
| D = Depth |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |