Soil Depth measurements of various transects in Polygon 1f, dated 10 March 2020 Plate showing locations of transects for soil depth measurements at 1m intervals.



| | Transect 1 (125m) | Transect 2 (128m) | Transect 3 (91m) | Across all Transects |
|------------------|-------------------|-------------------|------------------|----------------------|
| Average Depth | 10.0cm | 6.5cm | 6.4cm | 7.7cm |
| Median Depth | 8cm | 6cm | 6cm | 7.0cm |

Soil depth measurements were taken along three transects in the northern and western sections of Polygon 1f at 1m intervals. These transects were selected as having the highest proportion of rock and shallowest soils. A total of 290 depth measurements were made. The range of soil depths was 0-35cm, with the average across all measurements being 7.7cm and the median across all measurements being 7.0cm.

| T1 (125m) | T2 (128m) | T3 (91m) |
|------------|-----------|-----------|
| 8 | 2 | 11 |
| 9 | 4 | 9 |
| 5 | 13 | 10 |
| 9 | 11 | 5 |
| 20 | 3 | 12 |
| 13 | 3.5 | 6 |
| 17 | 15 | 8 |
| 10 | 3 | 5 |
| 15 | 7.5 | 2 |
| 8 | 0 | 6.5 |
| 6.5 3.5 | 4 9.5 | 6 2 5 |
| 3.5 18 | 9.5 7 | 2.5 10 |
| 13.5 | 3.5 | 5.5 |
| 9 | 6 | 7 |
| 16 | 1 | 1.5 |
| 5.5 | 6 | 3 |
| 8 | 4.5 | 6.5 |
| 4.5 | 8 | 7 |
| 9 | 18.5 | 6 |
| 14 | 10 | 5 |
| 21 | 7 | 1.5 |
| 11 | 10 | 7 |
| 10 | 6 | 14.5 |
| 14 | 8 | 8.5 |
| 10 | 7.5 | 13.5 |
| 15 | 4 | 9 |
| 4 | 2.5 | 10 |
| 3.5 | 5 | 10 |
| 11 | 7.5 | 4.5 |
| 4 | 10 | 8 |
| 8 | 5.5 | 6 |
| 7 | 5 | 4.5 |
| 17 | 5.5 | 9 |
| 8 | 9 | 12 |
| 16 ° | 9 6 F | 3 1.5 |
| 8 3 | 6.5 3 | 3 |
| 4.5 | 15 | 4 |
| 4.5 | 5 | 5 |
| 5 | 6.5 | 10 |
| 4 | 6 | 12 |
| 12 | 8 | 8 |
| 10 | 15.5 | 4.5 |
| 10 | 8.5 | 4 |
| 2 | 9.5 | 5 |
| 6 | 11 | 9 |
| 7.5 | 2.5 | 9.5 |
| 6.5 | 5 | 6 |
| 4 | 4.5 | 4.5 |
| 9.5 | 4.5 | 12 |
| 6.5 | 9.5 | 4 |
| 20.5 | 7.5 | 9.5 |
| 24 | 7.5 | 3.5 |
| 24 | 8 | 11 |
| 4 | 2.5 | 5 |
| 13.5 | 6.5 | 7 |
| 18.5 | 3 | 3 |
| 15.5 | 2 | 8 |
| 8 | 7 | 4 |

Scott Calwey Soil Depth Measurements Polygon 1f 10 March 2020

Galway County Council

| | $\begin{array}{c} 9.5\\ 21\\ 5\\ 7.5\\ 9.5\\ 6\\ 13\\ 3\\ 17\\ 4.5\\ 17\\ 4.5\\ 7\\ 4\\ 2.5\\ 27\\ 8.5\\ 12.5\\ 7\\ 11.5\\ 12.5\\ 15\\ 5.2\\ 35\\ 17\\ 18\\ 18\\ 20\\ 10.5\\ 4.5\\ 7\\ 5\\ 2.5\\ 2.5\\ 2\\ 4\\ 4.5\\ 8\\ 3.5\\ 6.5\\ 4\\ 4\\ 10\\ 7\end{array}$ | 5 3.5 11.5 8 9 4 12 9.5 5.5 3.5 6.5 8 7 2.5 5 8 7 2.5 5 8 7 2.5 5 8 7 2.5 5 8 7 2.5 5 8 7 2.5 9 11 8.5 7 5 6 2 3.5 4 10.5 5 4 10.5 5 4.5 7 1.5 7 4.5 7 1.5 7 4.5 7 1.5 7 4.5 7 1.5 7 4.5 7 5.5 6 2.5 7 1.5 7 1.5 7 1.5 7 4.5 5.5 6 2.5 6 2.5 7 1.5 7 1.5 7 4.5 5.5 6 2.5 6 2.5 6 2.5 7 1.5 7 1.5 7 4.5 5.5 6 2.5 6 2.5 6 2.5 7 1.5 7 4.5 5.5 6 2.5 6 2.5 7 1.5 7 1.5 7 4.5 5.5 6 2.5 6 2.5 7 1.5 7 1.5 7 4.5 5.5 6 2.5 6 7 7 7 7 7 7 7 7 | 2 5 3.5 4 4 2.5 10 2 9 3.5 5 3 3.5 10.5 6 3 2 9.5 | |
|---------|---|---|--|--|
| Average | 10.0 | 9 5 4 6.5 | 6.4 | |
| Median | 8 | 6 | 6 | |

7.7 7.0