```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_RAMP-C.inp
Output File: ear_RAMPC.log
 1     1     1
 1     2     2    earthwork
 1     3     3 /*   TOLERANCE = 0.01    */
 1     4     4
 1     5     5    xs dgn = R:\ROADWAY\XSC\R3421B_RDY_xsc_L.DGN
 1     6     6
 1     7     7       proposed finish grade
 1     8     8         soil type = unclassified
 1     9     9         type = line, line_string
 1    10    10         fill mult factor = 1.00
 1    11    11         lvname = Old_Level_2, Old_Level_3, Scratch_Level_8, Prop XS
Finish Grade Earthwork, Prop XS Finish Grade Pavement, Prop XS Finish Grade, Pattern
40, Prop XS Subgrade Earthwork
 1    12    12
 1    13    13       existing ground line
 1    14    14         soil type = unclassified
 1    15    15         type = line, line_string
 1    16    16         lvname = Old_Level_60
 1    17    17  lvname = Exist XS Ground Line
 1    18    18
 1    19    19       Excavation Limits
 1    20    20         lvname = Scratch_Level_3, Scratch_Level_6
 1    21    21
 1    22    22       write earthwork shapes
 1    23    23          plot parameters
 1    24    24            lvname = Pattern 5
 1    25    25
 1    26    26       Calculate only between excavation limits
 1    27    27
 1    28    28       process earthwork for baseline = L
 1    29    29       job number = RDY
 1    30    30       beg station = 292+00 R 1
 1    31    31       end station = 301+00 R 1
 0     0    32 END_OF_FILE
COMPUTING EARTHWORKS FOR BASELINE = L
COMPUTING EARTHWORKS FOR JOB = RDY
FORMING LIST OF XSCELLS
BEGINNING EARTHWORKS COMPUTATION
```

| Station | Material Name | End Areas (sq. ft.) | Unadjusted Volumes (cu. yd.) | Adjusted Volumes (cu. yd.) | Mult Factor | Mass Ordinate |
|---|---|---|---|---|---|---|
| 292+00.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 2125.91 | 0 | 0 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |

| | | | | | |
|---|---|---|---|---|---|
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 0 |

292+50.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 1635.21 | 3483 | 3483 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 3483 |

293+00.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 1205.01 | 2630 | 2630 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 6113 |

293+50.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 792.61 | 1850 | 1850 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 7963 |

294+00.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 369.59 | 1076 | 1076 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 9039 |

294+50.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 194.15 | 522 | 522 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 0.00 | 0 | 0 | 1.00 | 9561 |

295+00.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 51.31 | 227 | 227 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 72.43 | 67 | 67 | 1.00 | 9721 |

295+50.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 0.00 | 48 | 48 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 288.46 | 334 | 334 | 1.00 | 9435 |

296+00.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 0.00 | 0 | 0 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 449.62 | 683 | 683 | 1.00 | 8752 |
| 296+50.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 522.93 | 901 | 901 | 1.00 | 7851 |
| 297+00.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 586.74 | 1027 | 1027 | 1.00 | 6824 |
| 297+50.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 540.07 | 1043 | 1043 | 1.00 | 5781 |
| 298+00.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 317.09 | 794 | 794 | 1.00 | 4987 |
| 298+50.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 37.79 | 35 | 35 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 53.65 | 343 | 343 | 1.00 | 4679 |
| 299+00.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 216.57 | 236 | 236 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 0.00 | 50 | 50 | 1.00 | 4865 |
| 299+50.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 189.35 | 376 | 376 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| | Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| | Fill | 43.88 | 41 | 41 | 1.00 | 5200 |
| 300+00.00 | UNCLASSIFIED | | | | | |
| | Common Exc | 112.26 | 279 | 279 | 1.00 | |
| | Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |

ear_RAMPC

| | | | | | |
|---|---|---|---|---|---|
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 152.50 | 182 | 182 | 1.00 | 5297 |

300+50.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 81.23 | 179 | 179 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 352.85 | 468 | 468 | 1.00 | 5008 |

301+00.00 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 23.24 | 97 | 97 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 168.22 | 482 | 482 | 1.00 | 4623 |

301+63.47 UNCLASSIFIED

| | | | | | |
|---|---|---|---|---|---|
| Common Exc | 23.24 | 55 | 55 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 168.22 | 395 | 395 | 1.00 | 4623 |

G R A N D  S U M M A R Y  T O T A L S

| Material Name | Unadjusted Volumes (cu. yd.) | Adjusted Volumes (cu. yd.) | Mult Factor |
|---|---|---|---|
| UNCLASSIFIED | | | |
| Common Exc | 11093 | 11093 | 1.00 |
| Subgrade Exc | 0 | 0 | 1.00 |
| Subsoil Exc | 0 | 0 | 1.00 |
| Fill | 6810 | 6810 | 1.00 |