```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_L-2.inp
Output File: ear_L_158-188.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
30, Pattern 32, Pattern 34, Pattern 36, 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_2, Scratch_Level_3
 1    21    21
 1    22    22       write earthwork shapes
 1    23    23          plot parameters
 1    24    24            lvname = Prop XS Earthwork Shape
 1    25    25
 1    26    26            stratify shape color
 1    27    27
 1    28    28       Calculate only between excavation limits
 1    29    29
 1    30    30       process earthwork for baseline = L
 1    31    31       job number = RDY
 1    32    32       beg station = 158+00 R 1
 1    33    33       end station = 188+00 R 1
 0     0    34 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
158+00.00	UNCLASSIFIED					

Common Exc	6819.94	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

158+50.00 UNCLASSIFIED

Common Exc	5956.97	11830	11830	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	11830

159+00.00 UNCLASSIFIED

Common Exc	3692.55	8935	8935	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	80.41	74	74	1.00	20691

159+50.00 UNCLASSIFIED

Common Exc	2989.04	6187	6187	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	487.97	526	526	1.00	26352

160+00.00 UNCLASSIFIED

Common Exc	3283.34	5808	5808	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	66.24	513	513	1.00	31647

160+50.00 UNCLASSIFIED

Common Exc	4148.74	6882	6882	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	61	61	1.00	38468

161+00.00 UNCLASSIFIED

Common Exc	4291.26	7815	7815	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	46283

161+50.00 UNCLASSIFIED

Common Exc	4178.86	7843	7843	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	54126

162+00.00 UNCLASSIFIED

Common Exc	3573.89	7178	7178	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	61304

162+50.00 UNCLASSIFIED

Common Exc	2818.73	5919	5919	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	67223

163+00.00 UNCLASSIFIED

Common Exc	2174.18	4623	4623	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	71846

163+50.00 UNCLASSIFIED

Common Exc	990.29	2930	2930	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.38	3	3	1.00	74773

164+00.00 UNCLASSIFIED

Common Exc	399.26	1287	1287	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	611.33	569	569	1.00	75491

164+50.00 UNCLASSIFIED

Common Exc	0.00	370	370	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1439.46	1899	1899	1.00	73962

165+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	3674.32	4735	4735	1.00	69227

165+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	6484.37	9406	9406	1.00	59821

166+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	9332.31	14645	14645	1.00	45176
166+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	12567.17	20277	20277	1.00	24899
167+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	15692.19	26166	26166	1.00	-1267
167+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	17939.04	31140	31140	1.00	-32407
168+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	19170.72	34361	34361	1.00	-66768
168+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	18152.66	34559	34559	1.00	-101327
169+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	15872.81	31505	31505	1.00	-132832
169+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	12906.64	26648	26648	1.00	-159480
170+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	10667.53	21828	21828	1.00	-181308
170+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	7460.49	16785	16785	1.00	-198093
171+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	3996.15	10608	10608	1.00	-208701
171+50.00	UNCLASSIFIED					
	Common Exc	7.59	7	7	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1436.08	5030	5030	1.00	-213724
172+00.00	UNCLASSIFIED					
	Common Exc	3.48	10	10	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	444.44	1741	1741	1.00	-215455
172+50.00	UNCLASSIFIED					
	Common Exc	66.33	65	65	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	143.32	544	544	1.00	-215934
173+00.00	UNCLASSIFIED					
	Common Exc	439.58	468	468	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.09	133	133	1.00	-215599
173+50.00	UNCLASSIFIED					
	Common Exc	2261.79	2501	2501	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	-213098
174+00.00	UNCLASSIFIED					

Common Exc	2602.45	4504	4504	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	-208594

174+50.00 UNCLASSIFIED

Common Exc	2320.96	4559	4559	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	-204035

175+00.00 UNCLASSIFIED

Common Exc	1902.87	3911	3911	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	-200124

175+50.00 UNCLASSIFIED

Common Exc	1363.11	3024	3024	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	-197100

176+00.00 UNCLASSIFIED

Common Exc	1073.20	2256	2256	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	-194844

176+50.00 UNCLASSIFIED

Common Exc	762.22	1699	1699	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	6.55	6	6	1.00	-193151

177+00.00 UNCLASSIFIED

Common Exc	206.64	897	897	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	186.06	178	178	1.00	-192432

177+50.00 UNCLASSIFIED

Common Exc	33.91	223	223	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1990.94	2016	2016	1.00	-194225

178+00.00 UNCLASSIFIED

Common Exc	3.66	35	35	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4267.75	5795	5795	1.00	-199985

178+50.00 UNCLASSIFIED

Common Exc	0.00	3	3	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	5346.61	8902	8902	1.00	-208884

179+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	5259.32	9820	9820	1.00	-218704

179+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	4097.36	8664	8664	1.00	-227368

180+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	2473.95	6085	6085	1.00	-233453

180+50.00 UNCLASSIFIED

Common Exc	195.80	181	181	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1225.55	3425	3425	1.00	-236697

181+00.00 UNCLASSIFIED

Common Exc	493.53	638	638	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	400.13	1505	1505	1.00	-237564

181+50.00 UNCLASSIFIED

Common Exc	928.67	1317	1317	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	17.00	386	386	1.00	-236633

182+00.00 UNCLASSIFIED

Common Exc	1974.00	2688	2688	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	16	16	1.00	-233961

182+50.00 UNCLASSIFIED

Common Exc	3651.98	5209	5209	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	-228752

183+00.00 UNCLASSIFIED

Common Exc	4629.90	7668	7668	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	-221084

183+50.00 UNCLASSIFIED

Common Exc	5280.89	9177	9177	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	-211907

184+00.00 UNCLASSIFIED

Common Exc	5854.05	10310	10310	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	-201597

184+50.00 UNCLASSIFIED

Common Exc	6202.72	11164	11164	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	-190433

185+00.00 UNCLASSIFIED

Common Exc	6568.04	11825	11825	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	-178608

185+50.00 UNCLASSIFIED

Common Exc	6957.03	12523	12523	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	-166085

186+00.00 UNCLASSIFIED

Common Exc	7803.58	13667	13667	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	-152418

186+50.00 UNCLASSIFIED

Common Exc	8505.60	15101	15101	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	-137317

187+00.00 UNCLASSIFIED

Common Exc	9179.31	16375	16375	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	-120942

187+50.00 UNCLASSIFIED

Common Exc	9446.10	17246	17246	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	-103696

188+00.00 UNCLASSIFIED

Common Exc	9052.46	17128	17128	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	-86568

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	253986	253986	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	340554	340554	1.00