```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_L-1.inp
Output File: ear_L_128-158.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 Subgrade Earthwork, Prop XS Finish Grade Earthwork, Prop XS Finish Grade
Pavement, Prop XS Finish Grade, Pattern 30, Pattern 32, Pattern 34, Pattern 36
 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 = 128+00 R 1
 1    33    33       end station = 158+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
128+00.00	UNCLASSIFIED					

Common Exc	256.48	0	0	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	99.12	0	0	1.00	0

128+50.00 UNCLASSIFIED

Common Exc	944.92	1112	1112	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	92	92	1.00	821

129+00.00 UNCLASSIFIED

Common Exc	1458.00	2225	2225	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	3046

129+50.00 UNCLASSIFIED

Common Exc	2316.71	3495	3495	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	6541

130+00.00 UNCLASSIFIED

Common Exc	3192.23	5101	5101	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	11642

130+50.00 UNCLASSIFIED

Common Exc	4567.67	7185	7185	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	18827

131+00.00 UNCLASSIFIED

Common Exc	6238.23	10005	10005	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	28832

131+50.00 UNCLASSIFIED

Common Exc	8572.76	13714	13714	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	42546

132+00.00 UNCLASSIFIED

Common Exc	10300.64	17475	17475	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	60021

132+50.00 UNCLASSIFIED

Common Exc	11365.68	20061	20061	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	80082

133+00.00 UNCLASSIFIED

Common Exc	11274.39	20963	20963	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	101045

133+50.00 UNCLASSIFIED

Common Exc	10955.04	20583	20583	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	121628

134+00.00 UNCLASSIFIED

Common Exc	10430.75	19802	19802	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	141430

134+50.00 UNCLASSIFIED

Common Exc	9748.31	18684	18684	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	160114

135+00.00 UNCLASSIFIED

Common Exc	9270.93	17610	17610	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	177724

135+50.00 UNCLASSIFIED

Common Exc	9391.21	17280	17280	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	195004

136+00.00 UNCLASSIFIED

Common Exc	9102.30	17124	17124	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	212128

136+50.00 UNCLASSIFIED

Common Exc	9588.92	17307	17307	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	229435

137+00.00 UNCLASSIFIED

Common Exc	9865.66	18014	18014	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	247449

137+50.00 UNCLASSIFIED

Common Exc	10007.98	18402	18402	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	265851

138+00.00 UNCLASSIFIED

Common Exc	9897.78	18431	18431	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	284282

138+50.00 UNCLASSIFIED

Common Exc	9315.64	17790	17790	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	302072

139+00.00 UNCLASSIFIED

Common Exc	8580.41	16570	16570	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	318642

139+50.00 UNCLASSIFIED

Common Exc	7906.69	15266	15266	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	333908

140+00.00 UNCLASSIFIED

Common Exc	6353.08	13203	13203	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	347111

140+50.00 UNCLASSIFIED

Common Exc	5988.41	11427	11427	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	358538

141+00.00 UNCLASSIFIED

Common Exc	6263.80	11345	11345	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	369883

141+50.00 UNCLASSIFIED

Common Exc	4623.76	10081	10081	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	379964

142+00.00 UNCLASSIFIED

Common Exc	3868.50	7863	7863	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	387827

142+50.00 UNCLASSIFIED

Common Exc	4179.20	7452	7452	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	395279

143+00.00 UNCLASSIFIED

Common Exc	4712.65	8233	8233	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	403512

143+50.00 UNCLASSIFIED

Common Exc	4525.52	8554	8554	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	412066

144+00.00 UNCLASSIFIED

Common Exc	4025.40	7918	7918	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	419984

144+50.00 UNCLASSIFIED

Common Exc	3342.83	6822	6822	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	426806

145+00.00 UNCLASSIFIED

Common Exc	2633.99	5534	5534	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	432340

145+50.00 UNCLASSIFIED

Common Exc	1893.46	4192	4192	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	436532

146+00.00 UNCLASSIFIED

Common Exc	1048.90	2724	2724	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	439256

146+50.00 UNCLASSIFIED

Common Exc	115.31	1078	1078	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	294.95	273	273	1.00	440061

147+00.00 UNCLASSIFIED

Common Exc	17.52	123	123	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2435.08	2528	2528	1.00	437656

147+50.00 UNCLASSIFIED

Common Exc	82.98	93	93	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	5145.52	7019	7019	1.00	430730

148+00.00 UNCLASSIFIED

Common Exc	0.00	77	77	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	7124.54	11361	11361	1.00	419446

148+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	6132.84	12275	12275	1.00	407171

149+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	3844.43	9238	9238	1.00	397933

149+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	4896.22	8093	8093	1.00	389840

150+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	7479.96	11459	11459	1.00	378381

150+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	9054.91	15310	15310	1.00	363071

151+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	8692.50	16433	16433	1.00	346638

151+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	7055.30	14581	14581	1.00	332057

152+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	5670.58	11783	11783	1.00	320274
152+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	2719.74	7769	7769	1.00	312505
153+00.00	UNCLASSIFIED					
	Common Exc	250.54	232	232	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	224.57	2726	2726	1.00	310011
153+50.00	UNCLASSIFIED					
	Common Exc	1337.02	1470	1470	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	156.15	353	353	1.00	311128
154+00.00	UNCLASSIFIED					
	Common Exc	1404.55	2538	2538	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	187.88	319	319	1.00	313347
154+50.00	UNCLASSIFIED					
	Common Exc	1831.43	2996	2996	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2.00	176	176	1.00	316167
155+00.00	UNCLASSIFIED					
	Common Exc	2969.54	4445	4445	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	2	2	1.00	320610
155+50.00	UNCLASSIFIED					
	Common Exc	4358.69	6785	6785	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	327395
156+00.00	UNCLASSIFIED					

Common Exc	5703.53	9317	9317	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	336712

156+50.00 UNCLASSIFIED

Common Exc	6708.87	11493	11493	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	348205

157+00.00 UNCLASSIFIED

Common Exc	7274.04	12947	12947	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	361152

157+50.00 UNCLASSIFIED

Common Exc	7316.88	13510	13510	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	374662

158+00.00 UNCLASSIFIED

Common Exc	6819.94	13090	13090	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	387752

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	519741	519741	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	131790	131790	1.00