```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_L-3.inp
Output File: ear_L_188-218.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, Prop XS
Subgrade Earthwork, 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       write earthwork shapes
 1    20    20          plot parameters
 1    21    21            lvname = Prop XS Earthwork Shape
 1    22    22
 1    23    23            stratify shape color
 1    24    24
 1    25    25       process earthwork for baseline = L
 1    26    26       job number = RDY
 1    27    27       beg station = 188+00 R 1
 1    28    28       end station = 218+00 R 1
 0     0    29 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
188+00.00	UNCLASSIFIED					
	Common Exc	9052.46	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

188+50.00	UNCLASSIFIED					
	Common Exc	8265.74	16035	16035	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	16035
189+00.00	UNCLASSIFIED					
	Common Exc	8201.89	15248	15248	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	31283
189+50.00	UNCLASSIFIED					
	Common Exc	10625.51	17433	17433	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	48716
190+00.00	UNCLASSIFIED					
	Common Exc	12690.14	21589	21589	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	70305
190+50.00	UNCLASSIFIED					
	Common Exc	13802.79	24530	24530	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	94835
191+00.00	UNCLASSIFIED					
	Common Exc	15367.74	27010	27010	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	121845
191+50.00	UNCLASSIFIED					
	Common Exc	18085.30	30975	30975	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	152820
192+00.00	UNCLASSIFIED					
	Common Exc	21112.09	36294	36294	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	189114

192+50.00	UNCLASSIFIED					
	Common Exc	21711.22	39651	39651	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	228765
193+00.00	UNCLASSIFIED					
	Common Exc	21577.03	40082	40082	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	268847
193+50.00	UNCLASSIFIED					
	Common Exc	21312.21	39712	39712	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	308559
194+00.00	UNCLASSIFIED					
	Common Exc	20668.60	38871	38871	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	347430
194+50.00	UNCLASSIFIED					
	Common Exc	19214.84	36929	36929	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	384359
195+00.00	UNCLASSIFIED					
	Common Exc	17993.17	34452	34452	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	418811
195+50.00	UNCLASSIFIED					
	Common Exc	16990.36	32392	32392	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	451203
196+00.00	UNCLASSIFIED					
	Common Exc	15553.73	30133	30133	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	481336

196+50.00	UNCLASSIFIED					
	Common Exc	13101.71	26533	26533	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	507869
197+00.00	UNCLASSIFIED					
	Common Exc	9628.67	21047	21047	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	528916
197+50.00	UNCLASSIFIED					
	Common Exc	6092.58	14557	14557	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	543473
198+00.00	UNCLASSIFIED					
	Common Exc	3010.23	8429	8429	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	551902
198+50.00	UNCLASSIFIED					
	Common Exc	664.13	3402	3402	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2.53	2	2	1.00	555302
199+00.00	UNCLASSIFIED					
	Common Exc	325.30	916	916	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	414.16	386	386	1.00	555832
199+50.00	UNCLASSIFIED					
	Common Exc	931.30	1164	1164	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	217.02	584	584	1.00	556412
200+00.00	UNCLASSIFIED					
	Common Exc	3195.78	3821	3821	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	201	201	1.00	560032

200+50.00	UNCLASSIFIED					
	Common Exc	6445.94	8928	8928	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	568960
201+00.00	UNCLASSIFIED					
	Common Exc	9411.63	14683	14683	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	583643
201+50.00	UNCLASSIFIED					
	Common Exc	10570.78	18502	18502	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	602145
202+00.00	UNCLASSIFIED					
	Common Exc	9919.13	18972	18972	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	621117
202+50.00	UNCLASSIFIED					
	Common Exc	8332.61	16900	16900	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	638017
203+00.00	UNCLASSIFIED					
	Common Exc	6233.24	13487	13487	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	651504
203+50.00	UNCLASSIFIED					
	Common Exc	4291.65	9745	9745	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	661249
204+00.00	UNCLASSIFIED					
	Common Exc	2697.50	6471	6471	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	667720

204+50.00	UNCLASSIFIED					
	Common Exc	1181.09	3591	3591	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	671311
205+00.00	UNCLASSIFIED					
	Common Exc	47.38	1137	1137	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	146.45	136	136	1.00	672312
205+50.00	UNCLASSIFIED					
	Common Exc	0.00	44	44	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	838.06	912	912	1.00	671444
206+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	1353.64	2029	2029	1.00	669415
206+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	1626.01	2759	2759	1.00	666656
207+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	1731.39	3109	3109	1.00	663547
207+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	1507.13	2999	2999	1.00	660548
208+00.00	UNCLASSIFIED					
	Common Exc	3.86	4	4	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1152.57	2463	2463	1.00	658089

208+50.00	UNCLASSIFIED					
	Common Exc	143.53	136	136	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	581.84	1606	1606	1.00	656619
209+00.00	UNCLASSIFIED					
	Common Exc	414.78	517	517	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	214.98	738	738	1.00	656398
209+50.00	UNCLASSIFIED					
	Common Exc	719.02	1050	1050	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	12.31	210	210	1.00	657238
210+00.00	UNCLASSIFIED					
	Common Exc	1190.83	1768	1768	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	11	11	1.00	658995
210+50.00	UNCLASSIFIED					
	Common Exc	1776.29	2747	2747	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	661742
211+00.00	UNCLASSIFIED					
	Common Exc	2201.24	3683	3683	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	665425
211+50.00	UNCLASSIFIED					
	Common Exc	1674.75	3589	3589	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	669014
212+00.00	UNCLASSIFIED					
	Common Exc	510.50	2023	2023	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	126.11	117	117	1.00	670920

212+50.00	UNCLASSIFIED					
	Common Exc	8.27	480	480	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1186.27	1215	1215	1.00	670185
213+00.00	UNCLASSIFIED					
	Common Exc	0.00	8	8	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	3057.08	3929	3929	1.00	666264
213+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	5424.71	7854	7854	1.00	658410
214+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	6823.43	11341	11341	1.00	647069
214+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	9672.55	15274	15274	1.00	631795
215+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	13272.73	21246	21246	1.00	610549
215+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	16574.48	27636	27636	1.00	582913
216+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	19596.16	33491	33491	1.00	549422

216+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	21934.61	38454	38454	1.00	510968
217+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	23137.15	41733	41733	1.00	469235
217+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	20698.52	40589	40589	1.00	428646
218+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	17534.47	35401	35401	1.00	393245

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	689670	689670	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	296425	296425	1.00