

# Land Form #601TX-3

Team #	Last Name	First Name
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Code	
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3	3
4	4
5	5
6	6
7	7
8	8
9	9

Team Name / Additional Info

## SAMPLE: FOR PRACTICE ONLY

	SURFACE TEXTURE	1	2	3	4
<b>Part I</b>	1 Coarse	(1)	(2)	(3)	(4)
	2 Moderately Coarse	(1)	(2)	(3)	(4)
	3 Medium	(1)	(2)	(3)	(4)
	4 Moderately Fine	(1)	(2)	(3)	(4)
	5 Fine	(1)	(2)	(3)	(4)
	<b>SUBSURFACE TEXTURE</b>	1	2	3	4
1 Coarse	(1)	(2)	(3)	(4)	
2 Moderately Coarse	(1)	(2)	(3)	(4)	
3 Medium	(1)	(2)	(3)	(4)	
4 Moderately Fine	(1)	(2)	(3)	(4)	
5 Fine	(1)	(2)	(3)	(4)	
	<b>DEPTH OF SOIL</b>	1	2	3	4
1 Deep	(1)	(2)	(3)	(4)	
2 Moderately Deep	(1)	(2)	(3)	(4)	
3 Shallow	(1)	(2)	(3)	(4)	
4 Very Shallow	(1)	(2)	(3)	(4)	
	<b>SLOPE</b>	1	2	3	4
1 Nearly Level	(1)	(2)	(3)	(4)	
2 Gently Sloping	(1)	(2)	(3)	(4)	
3 Moderately Sloping	(1)	(2)	(3)	(4)	
4 Strong Sloping	(1)	(2)	(3)	(4)	
5 Steep	(1)	(2)	(3)	(4)	
6 Very Steep	(1)	(2)	(3)	(4)	
	<b>EROSION - WIND &amp; WATER</b>	1	2	3	4
1 None to Slight	(1)	(2)	(3)	(4)	
2 Moderate	(1)	(2)	(3)	(4)	
3 Severe	(1)	(2)	(3)	(4)	
4 Very Severe	(1)	(2)	(3)	(4)	
	<b>PERMEABILITY</b>	1	2	3	4
1 Rapid	(1)	(2)	(3)	(4)	
2 Moderate	(1)	(2)	(3)	(4)	
3 Slow	(1)	(2)	(3)	(4)	
4 Very Slow	(1)	(2)	(3)	(4)	
	<b>SURFACE RUNOFF</b>	1	2	3	4
1 Rapid	(1)	(2)	(3)	(4)	
2 Moderate	(1)	(2)	(3)	(4)	
3 Slow	(1)	(2)	(3)	(4)	
4 Very Slow	(1)	(2)	(3)	(4)	

	VEGETATIVE LAND TREATMENTS	1	2	3	4
1 Row crop/occasional soil conserving crop	(Y N)	(Y N)	(Y N)	(Y N)	
2 Row crop/frequent soil conserving crop	(Y N)	(Y N)	(Y N)	(Y N)	
3 Row crops not more than 2 out of 4 years	(Y N)	(Y N)	(Y N)	(Y N)	
4 Row crops not more than 1 out of 5 years	(Y N)	(Y N)	(Y N)	(Y N)	
5 Return crop residue to the soil	(Y N)	(Y N)	(Y N)	(Y N)	
6 Practice conservation tillage	(Y N)	(Y N)	(Y N)	(Y N)	
7 Establish recommended grass or grasses and legumes	(Y N)	(Y N)	(Y N)	(Y N)	
8 Proper pasture and range management	(Y N)	(Y N)	(Y N)	(Y N)	
9 Protect from burning	(Y N)	(Y N)	(Y N)	(Y N)	
10 Control grazing	(Y N)	(Y N)	(Y N)	(Y N)	
11 Plant recommended trees	(Y N)	(Y N)	(Y N)	(Y N)	
12 Harvest trees selectively	(Y N)	(Y N)	(Y N)	(Y N)	
13 Use only for wildlife or recreation area	(Y N)	(Y N)	(Y N)	(Y N)	
	<b>MECHANICAL LAND TREATMENTS</b>	1	2	3	4
14 Control brush or trees	(Y N)	(Y N)	(Y N)	(Y N)	
15 Terrace and farm on contour	(Y N)	(Y N)	(Y N)	(Y N)	
16 Maintain terraces	(Y N)	(Y N)	(Y N)	(Y N)	
17 Construct diversion terraces	(Y N)	(Y N)	(Y N)	(Y N)	
18 Install drainage system	(Y N)	(Y N)	(Y N)	(Y N)	
19 Control gullies	(Y N)	(Y N)	(Y N)	(Y N)	
20 No mechanical treatment needed	(Y N)	(Y N)	(Y N)	(Y N)	
	<b>FERTILIZER &amp; SOIL AMENDMENTS</b>	1	2	3	4
21 Soil amendments	(Y N)	(Y N)	(Y N)	(Y N)	
22 Phosphorus (P)	(Y N)	(Y N)	(Y N)	(Y N)	
23 Potassium (K)	(Y N)	(Y N)	(Y N)	(Y N)	
24 Nitrogen (N)	(Y N)	(Y N)	(Y N)	(Y N)	
25 No fertilizer or soil amendments	(Y N)	(Y N)	(Y N)	(Y N)	

	MAJOR FACTORS	1	2	3	4
1 Texture	(Y N)	(Y N)	(Y N)	(Y N)	
2 Depth	(Y N)	(Y N)	(Y N)	(Y N)	
3 Slope	(Y N)	(Y N)	(Y N)	(Y N)	
4 Erosion	(Y N)	(Y N)	(Y N)	(Y N)	
5 Permeability	(Y N)	(Y N)	(Y N)	(Y N)	
6 Runoff	(Y N)	(Y N)	(Y N)	(Y N)	
7 Wetness	(Y N)	(Y N)	(Y N)	(Y N)	
8 Flooding	(Y N)	(Y N)	(Y N)	(Y N)	
	<b>CAPABILITY CLASS</b>	1	2	3	4
1 Class I	(I)	(I)	(I)	(I)	
2 Class II	(II)	(II)	(II)	(II)	
3 Class III	(III)	(III)	(III)	(III)	
4 Class IV	(IV)	(IV)	(IV)	(IV)	
5 Class V	(V)	(V)	(V)	(V)	
6 Class VI	(VI)	(VI)	(VI)	(VI)	
7 Class VII	(VII)	(VII)	(VII)	(VII)	
8 Class VIII	(VIII)	(VIII)	(VIII)	(VIII)	

Answer all factors all sites - 25 marks per site

Part I (continued)

Answer all factors all sites 8 marks per site

One answer per site