

Site No. _____
School No. _____
Student No. _____

LAND-USE SCORECARD (100) points

(Use the Scantron Form for parts I – IV.)

I. LANDSCAPE CHARACTERISTICS (4 POINTS)

_____ 1. PERCENT SLOPE (4 POINTS)

- | | |
|-------------------------------|--------------------------------|
| A. 0-2% (Nearly Level) | E. 15-20% (Moderately steep) |
| B. 2-5% (Gently sloping) | AB. 20-30% (Steep) |
| C. 5-10% (Moderately sloping) | AC. More than 30% (Very steep) |

II. SOIL PROFILE CHARACTERISTICS (36 points)

_____ 2. THICKNESS OF PLOW OR SURFACE LAYER, DEGREE OF EROSION & DEPOSITION (4 points)

- A. More than 9", no evidence of subsoil mixing; none to slight erosion
- B. 3" to 9", may have up to 50% subsoil mixing, moderate erosion
- C. Less than 3" plow layer may be mostly subsoil; severe erosion
- D. 8" to 20" deposition; layer of different color or texture than buried surface soil

_____ 3. COLOR AND PERCENT OF ORGANIC MATTER IN PLOW (SURFACE) LAYER (4 POINTS)

<u>Color</u>	<u>Ave. % Organic Matter</u>
A. Very dark	5
B. Dark	3 ½
C. Moderately dark	2 ½
D. Light	2
E. Very light	1 ½

_____ 4. PRESENCE OF GRAYISH E(A₂) HORIZON (4 points)

- A. Grayish E horizon present
- B. Grayish E horizon not present

_____ 5. SUBSOIL COLOR (4 points)

- A. Brown or yellowish brown; no gray mottling
- B. Brown or yellowish brown; gray or gray mottling below 24"
- C. Gray and brown mottled
- D. Gray or love gray; may have a few brown mottles
- E. Does not apply

TEXTURE (4 points each)

	<u>Soil texture group</u>
_____ 6. PLOW LAYER	A. Coarse (loamy sand, sand, also includes gravel and gravelly loam) B. Moderately coarse (fine sandy loam and sandy loam)
_____ 7. SUBSOIL	C. Medium (silt loam, loam, silt, very fine sandy loam) D. Moderately fine (silty clay loam, clay loam, sandy clay loam)
_____ 8. SUBSTRATUM	E. Fine (clay, silty clay, sandy clay) AB. Bedrock (limestone, shale, or sandstone) AC. Organic material (peat, muck) AD. Horizon not present in exposed profile

SOIL STRUCTURE (4 points each)

	<u>Type of structure (or particle arrangement)</u>
_____ 9. PLOW LAYER	A. Single grain B. Massive
_____ 10. SUBSOIL	C. Granular D. Platy E. Blocky AB. Prismatic or columnar AC. Horizon not present in exposed profile

