

SURFACE MINING OR MINED AREA SOIL SAMPLE INFORMATION SHEET

<p>SECTION I. Identification Date: _____ <i>(Please Print)</i> Name _____ Address _____ City _____ State _____ Zip _____ Telephone Number () _____ Acres _____ Sample Identification <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/> Permit No. _____ Slope <input type="checkbox"/><input type="checkbox"/>% Aspect <input type="checkbox"/><input type="checkbox"/> Acres in Permit _____ Projected Use After Reclamation [Mark (x) one only.] <input type="checkbox"/> Cropland <input type="checkbox"/> Forestry <input type="checkbox"/> Pasture <input type="checkbox"/> Wildlife/Recreation <input type="checkbox"/> Hay <input type="checkbox"/> Other</p>	<p>SECTION II. Test(s) to Be Made 01 <input type="checkbox"/> Routine Soil Test (P, K, pH, Buffer pH, Ca, Mg, Zn) 06 <input type="checkbox"/> Acid Spoil Test (01 + PA) 07 <input type="checkbox"/> Textural Class OM <input type="checkbox"/> Organic Matter WH <input type="checkbox"/> Water Holding Capacity <input type="checkbox"/> Other, Specify _____ _____ _____</p>	<p>SECTION VI. Lab Use Only</p> <hr/> <p>SECTION VII.</p> <p>For County Use Only</p> <p><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/> County Code</p> <p><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/> County Sample #</p> <hr/> <p>Lab Use Only Billing Code <input type="checkbox"/></p>
<p>SECTION III. Type of Material (Use Part A OR Part B, NOT BOTH) Part A. Sampled Prior to Mining; Mark (x) one only 02 <input type="checkbox"/> Top Soil, "A" Horizon 04 <input type="checkbox"/> Subsoil <input type="checkbox"/> "B" <input type="checkbox"/> "C" Horizon (mark one) 08 <input type="checkbox"/> Alternative Material (for Top Soil) 90 <input type="checkbox"/> Other _____ If "Alternative" Marked, then Mark (x) one of the following: 10 <input type="checkbox"/> Gray Shale 16 <input type="checkbox"/> Cast Overburden 12 <input type="checkbox"/> Dark Shale 92 <input type="checkbox"/> Other _____ 14 <input type="checkbox"/> Sandstone</p> <hr/> <p>Part B. Sampled After Mining 22 <input type="checkbox"/> Prime Land (Top Soil or "A" Horizon) 24 <input type="checkbox"/> Top Soil or "A" Horizon of Restored Land 26 <input type="checkbox"/> Orphan (Surface 6" of Abandoned Land) 28 <input type="checkbox"/> Graded Spoil or Alternative Top Soil Mixture 94 <input type="checkbox"/> Other _____ If "Orphan" or "Graded Spoil" Marked, then Mark (x) one of the following: 30 <input type="checkbox"/> Gray Shale 38 <input type="checkbox"/> Shale - Soil Material 32 <input type="checkbox"/> Dark Shale 40 <input type="checkbox"/> Soil - Sandstone 34 <input type="checkbox"/> Sandstone 96 <input type="checkbox"/> Other _____ 36 <input type="checkbox"/> Shale - Sandstone</p>	<p>SECTION IV. Plant Species to Be Grown [Mark (x) or write the names of the species.] Crops 18 <input type="checkbox"/> Corn 50 <input type="checkbox"/> Soybeans 86 <input type="checkbox"/> Other _____ 88 <input type="checkbox"/> Other _____ Pasture/Hay 02 <input type="checkbox"/> Alfalfa 16 <input type="checkbox"/> Birdsfoot Trefoil 22 <input type="checkbox"/> Fescue, Tall 36 <input type="checkbox"/> Orchardgrass 38 <input type="checkbox"/> Red Clover 43 <input type="checkbox"/> Ryegrass, Perennial 90 <input type="checkbox"/> Other _____ 92 <input type="checkbox"/> Other _____ Wildlife/Recreation/Forestry 03 <input type="checkbox"/> Alfalfa 23 <input type="checkbox"/> Fescue, Tall 45 <input type="checkbox"/> Ryegrass, Perennial 55 <input type="checkbox"/> Sweet Clover 29 <input type="checkbox"/> Lespedeza, Sericea 94 <input type="checkbox"/> Other _____ 96 <input type="checkbox"/> Other _____ List Tree Species 97 <input type="checkbox"/> _____ 98 <input type="checkbox"/> _____ 99 <input type="checkbox"/> _____</p>	
<p>SECTION V. Fertilizer - Lime History Fertilizer Applied in the Past 12 Months: _____ lb/A _____ lb/A _____ lb/A N P₂O₅ K₂O Lime Applied in Past 3 Years: _____ T/A Date Lime Applied: _____ Month Year</p>		

Signature of Extension Agent

PAID

Surface Mining or Mined Area Information Sheet

INSTRUCTIONS

1. Samples must be submitted through your County Extension Agent in bags or boxes furnished by the Agent. No sample will be tested unless it is in the pint bag or box and is accompanied by the properly completed form.
2. A pint of material is required for EACH of the following tests: water holding capacity and saturation extract. If other tests are desired for the same area, submit an additional sample.
3. Explain any management or plant problems associated with the sample to the County Agent so he/she can consider this in making recommendations.
4. Sections I, II, III, IV and V are to be completed by person doing the sampling. Section VI is for use by the UK Soil Testing Laboratory only. Section VII is to be completed by the County Agent.
5. Section I. Print date, name and address, including zip code. For sample identification use any combination of 4 numbers or letters that will identify the location of the area sampled. For example, SPOI, TR21, VETA, SOBY. Mark (x) the appropriate box to show the projected use of the land after reclamation. Aspect is the direction the slope is facing: N, E, S, W, NE, NW, etc.
6. Section II. Mark (x) the appropriate box for the test(s) desired. A description of the tests follows:
(01)=ROUTINE SOIL TEST: PH = pH, water (1:1 soil:water slurry); BU = pH after adding SMP buffer to the water pH slurry; P = Phosphorus, K = Potassium, Ca = Calcium; Mg = Magnesium; Zn = Zinc. The extractant for P, K, Ca, Mg and Zn is Mehlich III.
(06)=ACID SPOIL TEST: Routine soil test + PA = potential acidity in tons/acre CaCO₃.
(07)=TEXTURAL CLASS: TC, % sand (SD), % silt (ST) and % clay (CY).
OM = organic matter, %. (Carbon by combustion x 1.72)
WH = water holding capacity, %.
7. Section III. Use either Part A OR Part B (NOT BOTH). Mark (x) the box that describes the area from which the sample was obtained. Note the additional information required for the "if" statements.
8. Section IV. Mark (x) the appropriate box or boxes. If crops to be grown are not listed on the form, write them in under "Other" to give a note for discussion.
9. Section V. Fertilizer - Write the pounds per acre of N, P₂O₅ and K₂O applied the past 12 months to the area sampled. Limestone - Write the tons per acre of agricultural limestone applied the past 3 years to the area sampled. Enter month and year of the application(s).
10. Section VI. For UK Soil Testing Laboratory Only.
11. Section VII. For County Use Only. Write in the County Code and County Sample Number. The box below this section is to be left blank for the lab to use for a billing code.