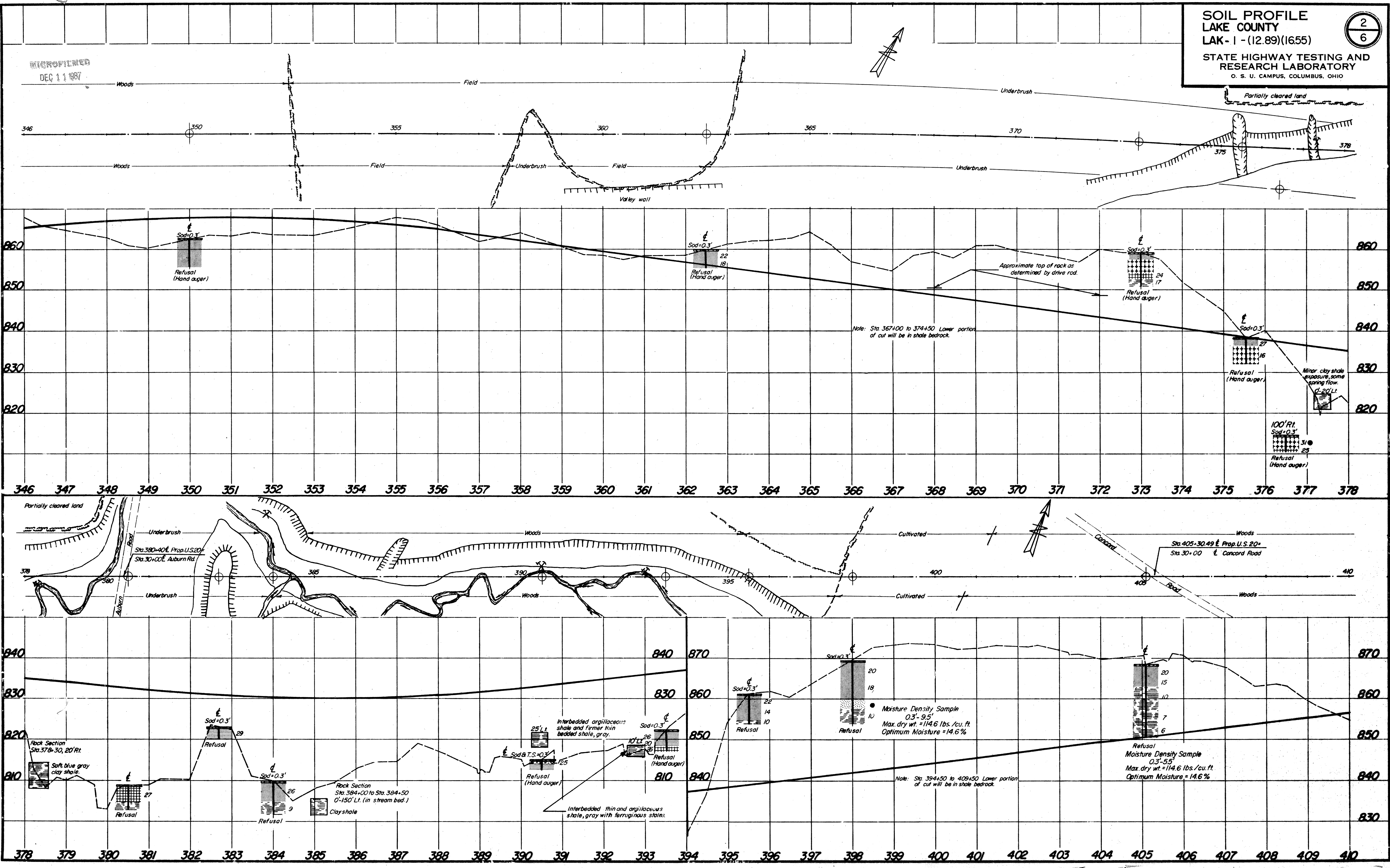


MICROFILMED
 DEC 11 1997



Note: Sta 367+00 to 374+50 Lower portion of cut will be in shale bedrock.

Moisture Density Sample
 0.3'-0.5'
 Max. dry wt. = 114.6 lbs./cu. ft.
 Optimum Moisture = 14.6%

Note: Sta 394+50 to 409+50 Lower portion of cut will be in shale bedrock.

Refusal
 Moisture Density Sample
 0.3'-0.5'
 Max. dry wt. = 114.6 lbs./cu. ft.
 Optimum Moisture = 14.6%

Rock Section
 Sta. 384+00 to Sta. 384+50
 0'-150' Lt. (in stream bed.)
 Clay shale

25' Lt.
 Interbedded argillaceous shale and firmer thin bedded shale, gray.

Interbedded thin and argillaceous shale, gray with ferruginous stains.

Partially cleared land
 Underbrush
 Sta. 380+40 E Prop. U.S. 20
 Sta. 30+00 E Auburn Rd.

Sta. 405+30.49 E Prop. U.S. 20+
 Sta. 30+00 E Concord Road

Rock Section
 Sta. 378+30, 20' Rt.
 Soft blue gray clay shale