

Soils Laboratory Diagram
V8 10/30/2019 DRAFT

Workstation App

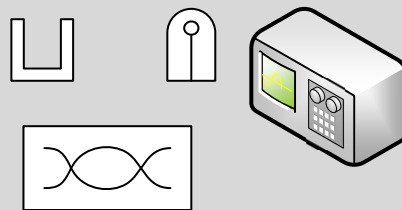
Internal Web App

Soils Network DB

External DB

Public Web App

Laboratory Equipment



Under Development

LabWare
COTS

Labware Intended to replace LIMS

Public Web
Application

NCSS Lab Data
Mart Application

Custom Query Result

Custom Query Result

Custom Query Result

Download
NCSS_Soil_Characterization_Database.zip

Internal & Public Workstations

Lab Data
Reports

Pedon
Descriptions
Reports

CSV Files

NCSS_Soil_Characterization_Database
ESRI File GeoDatabase and Access
Database from file share

Internal KSSL Workstation

KSSL Laboratory
Information
Management
System (LIMS)

Kellogg Soil
Survey
Laboratory
(KSSL)
supports
the
National
Cooperative
Soil Survey
(NCSS)

NASIS

NCSS Lab Data
Mart Database
NCSSLabdata

NCSS_Soil_Characterization_Database.zip

Fileshare
for Access
DBs

LIMS

Manual
Transfer

Batch Process

On demand Batch Job

Data Bases

Soils Classification (SC) Official
Soils Series Descriptions (OSD)
Diagram
v1 11/04/2019 DRAFT

Workstation App

Internal Web App

Soils Network DB

External DB

Public Web App

Public and Non Soils
Internal Users

Soil Survey Regional
Office User

Soil Survey
Office User

Soil Survey Office
Workstation Applications

OSD Check
Application

Download files for Public and
Internal End Users

Official Soils
Series
Descriptions

SC/OSD
Reports

Soil Survey Regional Office Files

Official Soils
Series
Descriptions

SC/OSD
Reports

Soil Survey Office Files

Official Soils
Series
Descriptions

SC/OSD
Reports

Soils File Share &
SQL Data Bases

NASIS

Official Series
Descriptions
(OSD) File Share

SC/OSD
Application

SC/OSD
Maintenance
Application

Web Applications

