

Appendix D – Abbreviations for Soil Logs

Soil Salinity Monitoring Report



10/24/2012 update

Soil Profile Logs

Soil colors

Grbr = grayish brown

Brgr = brownish gray

Dk = dark

Gr = gray

Br = brown

Pbrn = pale brown

Olbr = olive brown

Olgr = olive gray

Yel = yellow

Soil texture

F = fine

Co = coarse

Sl = sandy loam

Sil = silt loam

Ltl = light loam

L = loam

S = sand

Ls = loamy sand

Cos = coarse sand

C = clay

Cl = clay loam

Scl = sandy clay loam

Sicl = silty clay loam

Sic = silty clay

Sc = sandy clay

Lfs = loamy fine sand

Vfsl = very fine sandy loam

Fsl = fine sandy loam

Gr = gravelly

V = very

Lt = light

H = heavy

soil structure

St = strong

M = moderate

W = weak

Sg = single grained

Bl = blocky

Med = medium

Sab = subangular blocky

Mas = massive

Other abbreviations

Sat = saturated
HCL = hydrochloric acid (dilute)
Obs well = observation well
Rep = field replicate soil sample
Paired = paired soil samples
X = multi increment composite soil sample
30X = 30 increment composite soil sample
Cal= calibration sample for EM38 interpretation
Cap fringe = capillary fringe
Fe = iron
SAR = sodium adsorption ratio
ECe = electrical conductivity of the saturation extract
Wt = water table
Cal = calibration
EM38 = Instrument that measures electrical conductivity of the soil.
EMh= EM38 reading in the horizontal position
EMv = EM38 reading in the vertical position
Ne = not evaluated
Ns = not sampled
Tcor = Temperature corrected to 25C
Ave = average
In = inches
Ft = feet
Gyp = gypsum
pHp = soil reaction of the soil saturated paste
SP = saturation percentage
NRCS = Natural Resources Conservation Service
PSA = particle size analysis
BGS = below ground surface
TOC = top of casing
RPD = relative percent difference
Fplain = flood plain
Min = minutes
Hp = hardpan
Com = common
USDA = United States Department of Agriculture
K = hydraulic conductivity
Fri = friable
Slt = slightly
Est= estimated