

LIST OF ABBREVIATIONS USED IN DRILLER'S LOGS
AND THEIR DEFINITIONS

July 19, 2016

ABBRV	FULL TEXT
%	percent
/	to
@	at
ablat	ablation
abnd	abandoned
abndt	abundant
abv	above
acm	accumulation
acrt	accretion
alluv	alluvium
allvl	alluvial
alt	alternate
altd	alternated
altg	alternating
amp	amplitude
amt	amount
ang	angle
anglr	angular
anhd	anhydrite
apprnt	apparent
apprnty	apparently
approx	approximately
aren	arenaceous
arg	argillaceous
argil	argillaceous
ark	arkose
b.b.	bright banded
bar	barometer
Bates	Batestown
bcm	become
bcmg	becoming
bcms	becomes
bd	bed
bdd	bedded
bdg	bedding
bent	bentonite
bf	buff
bfgry	buff gray
bfsh	buffish
bfwh	buff white
biocalc	biocalcarenite
biocalntc	biocalcarenetic
biotrd	bioturbated
bitum	bituminous
bkn	broken
bky	blocky
bl	blue
bldr	boulder
bldrs	boulders

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ABBRV	FULL TEXT
blea	bleached
blgry	bluish gray
blk	black
blsh	bluish
bn	bone
bnd	band
bndd	banded
bndg	banding
bnds	bands
bny	boney
bot	bottom
br	bedrock
brach	brachiopod
brec	breccia
brecd	brecciated
brg	bearing
brit	brittle
brn	brown
brngry	brownish gray
brnsh	brownish
brt	bright
brw	burrow
brwd	burrowed
brws	burrows
bryz	bryozoa
bs	base
bsl	basal
btn	between
btr	better
bx	box
c	coal
ca	about
calc	calcareous
calntc	calcarinetic
carb	carbonaceous
cbbl	cobble
cbbls	cobbles
cbbly	cobbly
chk	chalk
chky	chalky
chl	chalcedony
choc	chocolate
cht	chert
chts	cherts
chty	cherty
circ	circulation
cl	clay
clct	calcite
cln	clean

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ABBRV	FULL TEXT
clnr	cleaner
clr	color
clrd	colored
clrs	colors
clst	claystone
clstc	clastic
clt	Clay Loam Till
CLT	Clay Loam Till
clu	cluster
clus	clusters
cly	clayey
cm	common
cmbl	crumble
cmbly	crumbly
cmprd	composed
cmpt	compact
cmptd	compacted
cmt	cement
cmtd	cemented
cncdl	conchoidal
cndr	cinder
cndrs	cinders
cnl	channel
cnsdrbl	considerable
cnt	center
cntc	contact
cntn	contain
cntnd	contained
cntng	containing
cntns	contains
cntr	center
coh	coherent
cohsve	cohesive
concrn	concretion
concrnry	concretionary
concrns	concretions
concrny	concretionary
congl	conglomerate
conglc	conglomeratic
cont	continue
contg	continuing
contm	contamination
contms	contaminations
cov	cover
crbn	carbon
crbnzd	carbonized
crin	crinoid
crinl	crinoidal
crky	crinkly

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ABBRV	FULL TEXT
crs	coarse
crsbd	crossbed
crsbdd	crossbedded
crsbddg	crossbeddeding
crsly	coarsely
crsns	coarsens
crsr	coarser
cryptxln	cryptocrystalline
ctg	cutting
ctgs	cuttings
cv	cave
cvd	caved
cvt	cavity
cvts	cavities
cy	coaly
dbrs	debris
dcmps	decompose
dcmpsd	decomposed
dcon	discontinuous
dep	deposit
depaup	depauperate
detrl	detrital
dia	diameter
dissol	dissolution
dk	dark
dkbrn	dark brown
dkgry	dark gray
dkr	darker
dm	diamicton
dndrtc	dendritic
dns	dense
dol	dolomite
dolc	dolomitic
dom	dominant
dpdg	depending
dr	drab
drft	drift
drl	drill
drlld	drilled
drlg	drilling
drlr	driller
dsmntd	disseminated
DST	drill stem test
dst	drill stem test
dstrb	disturb
dstrbd	disturbed
dtv	dirty
dwnrd	downward
edthr	endothya

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ABBRV	FULL TEXT
eff	effervescent
elev	elevation
emb	embed
embd	embedded
encl	enclose
enclg	enclosing
encntd	encountered
erth	earthy
euh	euhedral
evd	evidence
exc	except
exp	exposed
extrly	extremely
f	fine
fc	fire clay
fcng	facing
fcngs	facings
fcs	fine to coarse
Fe	iron
ferrug	ferruginous
Fest	ironstone
ff	following
fis	fissile
fldsp	feldspar
fldspc	feldspathic
flk	flake
flks	flakes
flky	flakey
flrcnc	fluorescence
flt	fault
fltd	faulted
flty	flinty
flw	flow
fly	finely
fm	formation
fmd	fine to medium
fna	fauna
fnr	finer
foram	foraminifera
fos	fossil
fosf	fossiliferous
foss	fossils
fqt	frequent
fqtly	frequently
fr	firm
frac	fracture
fracd	fractured
frag	fragment
frags	fragments

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ABBRV	FULL TEXT
frb	friable
frble	friable
frm	former
frmy	formerly
fsn	fusain
fst	frost
fstd	frosted
fusl	fusulinid
fusls	fusulinids
Gal	Galena
gd	geode
gds	geodes
gen	generally
gl	gley
glac	glacier
glau	glauconitic
glauc	glauconitic
glcl	glacial
glyd	gleyed
gr	grain
gran	granule
granlr	granular
granr	granular
grans	granules
grd	grade
grdd	graded
grdg	grading
grds	gradeds
grn	green
grnd	grained
grngry	greenish gray
grns	grains
grnsh	greenish
grs	grains
gry	gray
grybf	grayish buff
grybl	grayish blue
grybrn	grayish brown
grygrn	grayish green
grysh	grayish
grywht	grayish white
gstro	gastropods
gty	gritty
gvl	gravel
gvly	gravelly
gyp	gypsum
hd	hard
hdpn	hardpan
hdr	harder

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ABBRV	FULL TEXT
hemtc	hematitic
hkly	hackley
homog	homogeneous
horz	horizon
horzl	horizontal
Hrmtn	Harmattan
hvy	heavy
ign	igneous
imp	impervious
impreg	impregnate
impregd	impregnated
impregn	impregnation
imprsn	impression
imprsns	impressions
impt	imprint
in	in
inclu	inclusion
inclus	inclusions
inco	incoherent
incoh	incoherent
incr	increase
incrg	increasing
incrly	increasingly
indst	indistinct
indur	indurated
infqt	infrequent
infqtly	infrequently
ins	inches
intbd	interbedded
intmt	intermittent
intmxd	intermixed
intrlamd	interlaminated
intrlamn	interlamination
intrvl	interval
irreg	irregular
irregly	irregularly
jt	joint
jtd	jointed
jts	joints
Krot	Krotovenas
l	loess
lac	lacustrine
lam	laminae
lamd	laminated
lamn	lamination
lamns	laminations
ldg	ledge
lea	leached
lgt	light

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ABBRV	FULL TEXT
lgtr	lighter
lim	limonite
limc	limonititic
lith	lithology
lithc	lithologic
lkg	looking
ll	little
lm	loam
lmn	lamination
lmns	laminations
lmp	lump
lmps	lumps
lmy	loamy
lne	lense
lnes	lenses
lntclr	lenticular
loc	location
locl	locally
lrg	large
lrgly	largely
ls	limestone
lse	loose
lt	light
ltbf	light buff
ltbrn	light brown
ltgrn	light green
ltgry	light grey
lthog	lithographic
ltl	little
ltr	lighter
lvl	level
lvs	leaves
lwr	lower
lyr	layer
lyred	layered
lyrs	layers
m	most
ma	mass
mas	masses
mat	material
max	maximum
mbr	member
mc	medium to coarse
md	mud
mdls	mudloss
mdlv	mudlevel
med	medium
Mg	Magnesium
mic	micaceous

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ABBRV	FULL TEXT
micro	microscopic
min	minimum
mix	mixture
mltclrd	multicolored
mly	mostly
Mn	Manganese
mnl	mineral
mnl's	minerals
mod	moderate
modly	moderately
mol	mollusks
mrly	marly
mrn	moraine
ms	miss
msg	missing
mst	moist
msv	massive
mticlrd	multicolored
mtld	mottled
mtlg	mottling
mtls	mottles
mtr	matter
mtrx	matrix
mxd	mixed
nat	natural
nbb	normally bright banded
nchty	non-cherty
nod	nodule
nodr	nodular
nods	nodules
noncalc	noncalcareous
noolc	non-oolitic
nr	near
nrm	normal
nrmlly	normally
nso	no show
NSO	no show
num	numerous
O stn	stain of oil
obs	obscurely
occ	occasional
occas	occasional
occasly	occasionally
ofpl	out of place
ool	oolite
oolc	oolitic
opq	opaque
org	organic

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ABBRV	FULL TEXT
orgs	organics
orn	orange
ostra	ostracod
ostras	ostracods
otwsh	outwash
ov	olive
ox	oxidized
oxdn	oxidation
pal	pale
Pb	lead
pbb1	pebble
pbb1s	pebbles
pbbly	pebbly
pbl	pebble
pbls	pebbles
pbly	pebbly
pc	piece
pckt	pocket
pckts	pockets
pcs	pieces
pcypd	pelecypod
pcypds	pelecypods
pdr	powder
pdry	powdery
pel	pellet
pels	pellets
petrol	petroliferous
phos	phosphatic
phphr	phosphorus
pkbrn	pinkish brown
pkt	pocket
pkts	pockets
pl	place
Plat	Platteville
plnt	plant
plsh	polish
plshd	polished
plstc	plastic
plstcy	plasticity
plty	platy
pn	pan
pnk	pink
pnkbf	pinkish buff
pnksh	pinkish
pnkwh	pinkish white
por	porous
ppl	purple
ppm	parts per million
pr	poor

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ABBRV	FULL TEXT
prb	probably
prdom	predominant
prly	poorly
prmb	permeable
prsty	porosity
psbl	possible
pt	point
ptcl	particle
ptcls	particles
ptg	parting
ptgs	partings
ptly	partly
pts	points
pyr	pyrite
pyrc	pyritic
pyrzd	pyritized
qtz	quartz
qtzt	quartzite
qtztc	quartzitic
rbl	rubble
Rchlnd	Richland
rd	red
rdsh	reddish
rec	recover
recd	recovered
recy	recovery
redu	reduced
reg	regular
regly	regularly
rel	relatively
rgh	rough
rgn	region
rgnl	regional
Ril	Richland
rk	rock
rnd	round
rndd	rounded
rot	rotten
rplcmnt	replacement
rts	roots
rwrk	rework
rwrkd	reworked
rxn	reaction
s	sand
Sang	Sangamon
sat	saturate
satd	saturated
satn	saturation
scndy	secondary

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ABBRV	FULL TEXT
scol	scolecodonts
scttrd	scattered
sed	sediment
segs	sediments
sedy	sedimentary
sev	several
sft	soft
sg	stringers
sglcl	supraglacial
sgr	sugar
sgry	sugary
sh	shale
shl	shell
shls	shells
shp	sharp
shy	shaley
si	siltstone
SiC	silty clay
sic	silty clay
sicl	silty clay loam
SiCL	silty clay loam
sid	siderite
sidc	sideritic
sil	silica
silfd	silicified
silic	siliceous
silm	siltloam
sim	similar
simly	similarly
sl	slate
slfd	sulfide
slfds	sulfides
slgt	slight
slgtly	slightly
slknsd	slickenside
slknsdd	slickensided
slknsds	slickensides
slpfrac	slipfracture
slpfracd	slipfractured
slpfracs	slipfractures
sm	small
smo	smooth
smr	smaller
sms	seams
smth	smooth
smwht	somewhat
snl	snail
snls	snails
so	show of oil

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ABBRV	FULL TEXT
SO	show oil
spar	fluorspar
sphrl	spherule
sphrls	spherules
spk	speck
spkd	speckled
spkld	speckled
spks	specks
spl	sample
spls	samples
spor	sporangites
sprngly	sparingly
spstn	soapstone
spt	spot
sptd	spotted
spts	spots
srt	sort
srt d	sorted
srtg	sorting
ss	sandstone
ssdo	slight show dead oil
SSDO	slight show dead oil
sso	slight show oil
SSO	slight show oil
st	silt
stf	stiff
stig	Stigmaria
stigm	stigmarian
stn	stain
stnd	stained
stng	staining
stns	stains
sto	stone
strat	stratified
strfd	stratified
strk	streak
strks	streaks
strm	stream
sttc	static
sty	silty
styl	stylolite
styltc	stylolitic
subangr	subangular
subl	sublithographic
sublithc	sublithographic
subrddd	subrounded
subxln	subcrystalline
sucr	sucrose
surf	surface

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ABBRV	FULL TEXT
sy	sandy
syr	sandier
t	till
Ten	Teneriffe
tg	tinge
tgd	tinged
tgh	tough
tgt	tight
thk	thick
thks	thickness
thn	thin
thnly	thinly
tl	trail
tls	trails
tn	tan
tnsh	tanish
tr	trace
trnsl	translucent
trnsp	transparent
Trntn	Trenton
trs	traces
ts	topsoil
Tskw	Tiskilwa
twd	toward
txt	texture
ucl	underclay
ulea	unleached
uncns	unconslidate
uncnsd	unconslidated
unif	uniform
unox	unoxidized
upr	upper
upwd	upward
var	various
varg	variegate
vargd	variegated
vcrs	very coarse
vcrsly	very coarsely
veg	vegetation
vert	vertical
vertly	vertically
ves	vesicular
vesc	vesicular
vf	very fine
vfly	very finely
vfm	very fine to medium
visc	viscosity
vlt	very light
Vndl	Vandalia

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ABBRV	FULL TEXT
vol	volume
vrbl	variable
vrbly	variably
vrv	varve
vrvd	varved
vrvs	varves
vug	vug
vugs	vugs
vugy	vuggy.
vy	very
w/	with
w/b	waterbearing
w/o	without
wd	wood
wh	white
whbf	whitish buff
whgry	whitish gray
whsh	whitish
wht	white
whtsh	whitish
wk	weak
wl	well
wsh	wash
wshd	washed
wt	weight
wthr	weather
wthrd	weathered
wthrng	weathering
wthrs	weathers
wtr	water
wtrbrg	waterbearing
wvy	wavy
wxy	waxy
xf	extra fine
xfly	extra finely
xl	crystal
xln	crystalline
xls	crystals
xtr	extra
yl	yellow
ylbf	yellowish buff
ylbrn	yellowish brown
ylgry	yellowish gray
ylsh	yellowish
ylw	yellow
ylwsh	yellowish
Zn	zinc
zo	zone
zos	zones