

## FORMATION DESCRIPTION ABBREVIATIONS

<u>ABBREVIATION</u>	<u>FULL TEXT</u>	<u>ABBREVIATION</u>	<u>FULL TEXT</u>
%	percent	bldrs	boulders
/	to	blea	bleached
@	at	blgry	bluish gray
ablat	ablation	blk	black
abnd	abandoned	blsh	bluish
abndt	abundant	bn	bone
abv	above	bnd	band
acm	accumulation	bndd	banded
acrt	accretion	bndg	banding
alluv	alluvium	bnds	bands
allvl	alluvial	bny	boney
alt	alternate	bot	bottom
altd	alternated	br	bedrock
altg	alternating	brach	brachiopod
amp	amplitude	brec	breccia
amt	amount	brecd	brecciated
ang	angle	brg	bearing
anglr	angular	brit	brittle
anhd	anhydrite	brn	brown
apprnt	apparent	brngry	brownish gray
apprnty	apparently	brnsh	brownish
approx	approximately	brt	bright
aren	arenaceous	brw	burrow
arg	argillaceous	brwd	burrowed
argil	argillaceous	brws	burrows
ark	arkose	bryz	bryozoa
b.b.	bright banded	bs	base
bar	barometer	bsl	basal
Bates	Batestown	btn	between
bcm	become	btr	better
bcmg	becoming	bx	box
bcms	becomes	c	coal
bd	bed	ca	circa (about)
bdd	bedded	calc	calcareous
bdg	bedding	calntc	calcarinetic
bent	bentonite	carb	carbonaceous
bf	buff	cbbl	cobble
bfgry	buff gray	cbbls	cobbles
bfsh	buffish	cbbly	cobbly
bfwh	buff white	chk	chalk
biocalc	biocalcarenite	chky	chalky
biocalntc	biocalcarenetic	chl	chalcedony
biotrd	bioturbated	choc	chocolate
bitum	bituminous	cht	chert
bkn	broken	chts	cherts
bky	blocky	chty	cherty
bl	blue	circ	circulation
bldr	boulder	cl	clay

<u>ABBREVIATION</u>	<u>FULL TEXT</u>	<u>ABBREVIATION</u>	<u>FULL TEXT</u>
clct	calcite	crky	crinkly
cln	clean	crs	coarse
clnr	cleaner	crsbd	crossbed
clr	color	crsbdd	crossbedded
clrd	colored	crsbddg	crossbedding
clrs	colors	crsly	coarsely
clst	claystone	crsns	coarsens
clstc	clastic	crsr	coarser
CLT	Clay Loam Till	cryptxln	cryptocrystalline
clt	Clay Loam Till	ctg	cutting
clu	cluster	ctgs	cuttings
clus	clusters	cv	cave
cly	clayey	cvd	caved
cm	common	cvt	cavity
cmb1	crumble	cvts	cavities
cmbly	crumbly	cy	coaly
cm-psd	composed	dbrs	debris
cmpt	compact	dcmps	decompose
cmptd	compacted	dcmps-d	decomposed
cmt	cement	dcon	discontinuous
cmt-d	cemented	dep	deposit
cncdl	conchoidal	depaup	depauperate
cndr	cinder	detrl	detrital
cndrs	cinders	dia	diameter
cnl	channel	dissol	dissolution
cnsdrbl	considerable	dk	dark
cnt	center	dkbrn	dark brown
cntc	contact	dkgry	dark gray
cntn	contain	dkr	darker
cntnd	contained	dm	diamicton
cntng	containing	dndrtc	dendritic
cntns	contains	dns	dense
cntr	center	dol	dolomite
coh	coherent	dolc	dolomitic
coh-sve	cohesive	dom	dominant
concrn	concretion	dpdg	depending
concrnry	concretionary	dr	drab
concrns	concretions	drft	drift
concrny	concretionary	drl	drill
congl	conglomerate	drl-d	drilled
conglc	conglomeratic	drlg	drilling
cont	continue	drlr	driller
contg	continuing	dsmntd	disseminated
contm	contamination	DST	drill stem test
contms	contaminations	dst	drill stem test
cov	cover	dstrb	disturb
crbn	carbon	dstrbd	disturbed
crbnzd	carbonized	dty	dirty
crin	crinoid	dwnrd	downward
crinl	crinoidal	edthr	endothra

ABBREVIATION

eff  
elev  
emb  
embd  
encl  
enclg  
encntd  
erth  
euh  
evd  
exc  
exp  
extrly  
f  
fc  
fcng  
fcngs  
fcs  
Fe  
ferrug  
Fest  
ff  
fis  
fldsp  
fldspc  
flk  
flks  
flky  
flrcnc  
flt  
fltd  
flty  
flw  
fly  
fm  
fmd  
fna  
fnr  
foram  
fos  
fosf  
foss  
fqt  
fqtly  
fr  
frac  
fracd  
frag  
frags  
frb

FULL TEXT

effervescent  
elevation  
embed  
embedded  
enclose  
enclosing  
encountered  
earthy  
euhedral  
evidence  
except  
exposed  
extremely  
fine  
fire clay  
facing  
facings  
fine to coarse  
iron  
ferruginous  
ironstone  
following  
fissile  
feldspar  
feldspathic  
flake  
flakes  
flakey  
fluorescence  
fault  
faulted  
flinty  
flow  
finely  
formation  
fine to medium  
fauna  
finer  
foraminifera  
fossil  
fossiliferous  
fossils  
frequent  
frequently  
firm  
fracture  
fractured  
fragment  
fragments  
friable

ABBREVIATION

frble  
frm  
frmy  
fsn  
fst  
fstd  
fusl  
fusls  
Gal  
gd  
gds  
gen  
gl  
glac  
glau  
glauc  
glcl  
glyd  
gr  
gran  
granlr  
granr  
grans  
grd  
grdd  
grdg  
grds  
grn  
grnd  
grngry  
grns  
grnsh  
grs  
gry  
grybf  
grybl  
grybrn  
grygrn  
grysh  
grywht  
gstro  
gty  
gvl  
gvly  
gyp  
hd  
hdpn  
hdr  
hemtc  
hkly

FULL TEXT

friable  
former  
formerly  
fusain  
frost  
frosted  
fusulinid  
fusulinids  
Galena  
geode  
geodes  
generally  
gley  
glacier  
glauconitic  
glauconitic  
glacial  
gleyed  
grain  
granule  
granular  
granular  
granules  
grade  
graded  
grading  
gradeds  
green  
grained  
greenish gray  
grains  
greenish  
grains  
gray  
grayish buff  
grayish blue  
grayish brown  
grayish green  
grayish  
grayish white  
gastropods  
gritty  
gravel  
gravelly  
gypsum  
hard  
hardpan  
harder  
hematitic  
hackley

<u>ABBREVIATION</u>	<u>FULL TEXT</u>	<u>ABBREVIATION</u>	<u>FULL TEXT</u>
homog	homogeneous	lith	lithology
horz	horizon	lithc	lithologic
horzl	horizontal	lkg	looking
Hrmtn	Harmattan	ll	little
hvy	heavy	lm	loam
ign	igneous	lmn	lamination
imp	impervious	lmns	laminations
impreg	impregnate	lmp	lump
impregd	impregnated	lmps	lumps
impregn	impregnation	lmy	loamy
imprsn	impression	lne	lense
imprsns	impressions	lnes	lenses
impt	imprint	lntclr	lenticular
in	in	loc	location
inclu	inclusion	locl	locally
inclus	inclusions	lrg	large
inco	incoherent	lrgly	largely
incoh	incoherent	ls	limestone
incr	increase	lse	loose
incrg	increasing	lt	light
incrly	increasingly	ltbf	light buff
indst	indistinct	ltbrn	light brown
indur	indurated	ltgrn	light green
infqt	infrequent	ltgry	light grey
infqtly	infrequently	lthog	lithographic
ins	inches	ltl	little
intbd	interbedded	ltr	lighter
intmt	intermittent	lvl	level
intmxd	intermixed	lvs	leaves
intrlamd	interlaminated	lwr	lower
intrlamn	interlamination	lyr	layer
intrvl	interval	lyred	layered
irreg	irregular	lyrs	layers
irregly	irregularly	m	most
jt	joint	ma	mass
jtd	jointed	mas	masses
jts	joints	mat	material
Krot	Krotovenas	max	maximum
l	loess	mbr	member
lac	lacustrine	mc	medium to coarse
lam	laminae	md	mud
lamd	laminated	mdls	mudloss
lamn	lamination	mdlv	mudlevel
lamns	laminations	med	medium
ldg	ledge	Mg	magnesium
lea	leached	mic	micaceous
lgt	light	micro	microscopic
lgtr	lighter	min	minimum
lim	limonite	mix	mixture
limc	limonitic	mltclrd	multicolored

ABBREVIATIONFULL TEXT

mly	mostly
Mn	manganese
min	mineral
minls	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
orgs	organics
orn	orange
ostra	ostracod
ostras	ostracods
otwsh	outwash
ov	olive

ABBREVIATIONFULL TEXT

ox	oxidized
oxdn	oxidation
pal	pale
Pb	lead
pbbl	pebble
pbbls	pebbles
pbply	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
prb	probably
prdom	predominant
prly	poorly
prmb	permeable
prsty	porosity
psbl	possible
pt	point

ABBREVIATIONFULL TEXT

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
rddd	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
scol	scolecodonts
scptrd	scattered
sed	sediment
sed	sediments
sedy	sedimentary
sev	several
sft	soft
sg	stringers

ABBREVIATIONFULL TEXT

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
slpfrac	slipfractures
sm	small
smo	smooth
smr	smaller
sms	seams
smth	smooth
smwht	somewhat
snl	snail
snls	snails
SO	show oil
so	show of oil
spar	fluorspar
sphrl	spherule
sphrls	spherules
spk	speck
spkd	speckled
spkld	speckled
spks	specks
spl	sample

ABBREVIATIONFULL TEXT

spls	samples
spor	sporangites
sprngly	sparingly
spstn	soapstone
spt	spot
sptd	spotted
spts	spots
srt	sort
srted	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
sy	sandy
syr	sandier
t	till
Ten	Teneriffe
tg	tinge
tgd	tinged
tgh	tough
tgt	tight
thk	thick
thks	thickness

ABBREVIATIONFULL TEXT

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	unconsolidate
uncnsd	unconsolidated
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
vol	volume
vrbl	variable
vrblly	variably
vrv	varve
vrvd	varved
vrvs	varves
vug	vug
vugs	vugs
vugy	vuggy
vy	very
w/	with

ABBREVIATIONFULL TEXT

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