

APPENDIX A

Standard Abbreviations For Lithologic Descriptions

(After Swanson, 1981, AAPG Sample Example Manual)

(Note: Abbreviations for nouns always begin with a capital letter)

	A		
about	abt	black (-ish)	blk, blksh
above	ab	blocky	blky
absent	abs	blue (-ish)	bl, blsh
abundant	abd	bored (-ing)	Bor, bor
aggregate	Agg	bottom	Btm
altered	alt	boulder	Bld
alternating	altg	boundstone	Bdst
amorphous	amor	brackish	brak
amount	amt	branching	brhg
and	&	break, broken	Brk, brk
angular	ang	breccia (-ted)	Brec, brec
anthracite	Anthr	brittle	brit
approximate	apprx	brown (-ish)	brn, brnsh
aragonite	Arag	buff	bu
arenaceous	aren	burrow (-ed)	Bur, bur
argillaceous	arg		
arkose (-ic)	Ark, ark		C
as above	a.a.	calcarenite	Clear
asphaltic (-ic)	Asph, asph	calcilutite	cicit
at	@	calcirudite	Clcrd
average	Av, av	calcisiltite	Clslt
	B	calcite (-ic)	Calc, caltc
		calcareous	calc
		caliche	cche
band (-ed)	Bnd, bnd	carbonaceous	carb
become (-ing)	bcm	carbonized	cb
bed (-ed)	Bd, bd	caving	Cvg
bedding	Bdg	chert (-y)	Cht, cht
bentonite (-ic)	Bent, bent	clastic	clas
bitumen (-inous)	Bit, bit	clay (-ey)	Cl, cl
bioclastic	biocl	claystone	Clst
biomicrite	Biomi	clean	cln
biosparite	Biosp	clear	clr
biotite	Biot	clevage	Clvg

Appendix A

cluster	Clus	coated (-ing)	cotd, cotg
coal	C	coated grains	cotd gn
coarse	crs	cobble	Cbl
color (-ed)	Col, col	drilling	drlg
common	com		
compact	cpct		E
concentric	cncn		
conchoidal	conch	earthy	ea
concretion (-ary)	Conc, conc	east	E
conglomerate (-ic)	Cgl, cgl	elevation	Elev
considerable	cons	elongate	elong
consolidated	consol	embedded	embd
contact	Ctc	exposed	exp
contamination (-ed)	Contam, contam		
content	Cont		F
contorted	cntrt		
core	c, ç	fault (-ed)	Flt, flt
covered	cov	feet	Ft
cream	crm	feldspar (-athic)	Fspr, fspr
crenulated	cren	ferruginous	ferr
crinkled	crnk	fine (-ly)	f, fnly
cross	x	fissile	fis
cross-bedded	x-bd	flaggy	flg
cross-laminated	x-lam	flake, flaky	Flk, flk
cross-stratified	x-strat	flat	fl
crumpled	crpld	flint	Flnt
crystal (-line)	Xl, xln	foot	Ft
cuttings	Ctgs	formation	Fm
	D	fossil (-iferous)	Foss, foss
		fracture (-d)	Frac, frac
		fragment (-ed,-al)	Frag, frag
dark (-er)	dk, dkr	frequent	freq
debris	Deb	fresh	frs
decrease (-ing)	Decr, decr	friable	fri
dense	dns	frosted	fros
description	Descr		
detrital	detr		G
diameter	Dia		
disseminated	dissem	generally	gen
ditto	“ or do	glauconite (-itic)	Glauc, glauc
dolomite (-ic)	Dol, dol	good	gd
dominant (-ly)	dom	grading	grad

Appendix A

grain (-s,-ed)	Gr, gr	green (-ish)	gn, gnsh
grainstone	Grst	grit (-ty)	Gt, gt
gravel	Grv		
gray, grey (-ish)	gry, grysh		H
graywacke	Gwke		
greasy	gsy	hard	hd
heavy	hvy	lavender	lav
hematite (-ic)	Hem, hem	layer	Lyr
heterogeneous	hetr	leached	lchd
high (-ly)	hi	lens, lenticular	Len, lent
homogeneous	hom	light	lt
horizontal	hor	lignite (-itic)	Lig, lig
	I	limestone	Ls
		limonite (-itic)	Lim, lim
		limy	lmy
inch	In	lithic	lit
increasing	incr	lithology (-ic)	Lith, lith
indistinct	indst	little	ltl
indurated	ind	local	loc
in part	I.P.	long	lg
insoluble	insl	lower	l
interbedded	intbd	lutite	Lut
intercalated	intercal		
intergranular	intgran		M
interval	Intvl		
ironstone	Fe-st	marine	marn
irregular (-ly)	irr	massive	mass
	J	matrix	Mtrx
		aximum	max
		medium	m or med
jasper	Jasp	member	Mbr
joint (-ed,-ing)	Jt, jt	mica (-ceous)	Mic, mic
	K	micrite (-ic)	Micr, micr
		microcrystalline	microxln
		micrograined	micgr
Kaolin (<u>-ite, itic</u>)	Kao, kao	microspar	Microspr
kerogen	Krg	middle	Mid
	L	mineral (-ized)	Min, min
		minor	mnr
		moderate	mod
lamina (-tion, -ated)	Lam, lam	mold (-ic)	Mol, mol
large	lge	mottled	Mott

Appendix A

mud (-dy)	md, mdy	pyrite (-itic)	Pyr, pyr
mudstone	Mdst		
muscovite	Musc		
	N		Q
		quartz (-ose)	Qtz, qtz
		quartzite (-ic)	Qtzt, qtzt
nodules (-ar)	Nod, nod		
north	N		R
no sample	n.s.		
no visible porosity	n.v.p	radial (-ating)	Rad,rad
numerous	num	range	rng
	O	rare	r
		recemented	recem
		recrystallized	rexlzd
occasional	occ	red (-ish)	rd,rdsh
olive	olv	remains	Rem
orange (-ish)	or, orsh	replaced (-ment)	Repl, rep
organic	org	residue (-ual)	Res, res
oxidized	ox	resinous	rsns
	P	ripple	Rpl
		rock	Rk
		round (-ed)	rnd, rndd
		rubble (-bly)	Rbl, rbl
packstone	Pkst		
paper (-y)	Pap, pap		
part (-ly)	Pt, Pt		S
particle	Par, par		
parting	Ptg	same as above	a.a
parts per million	PPM	sample	Spl
patch (-y)	Pch, pch	sand (-y)	Sd, sdy
pebble (-ly)	Pbl, pbl	sandstone	Ss
permeability (-able)	Perm, k, Perm	scarce	scs
pink	pk	scattered	scat
pinkish	pkish	secondary	sec
plastic	plas	sediment (-ary)	Sed, sed
plant	Pit	shale (-ly)	Sh, sh
platy	pity	shell	Shl
porosity	Por, φ, por	siderite (-itic)	Sid, sid
possible (-ly)	poss	sidewall core	S.W.C.
predominant (-ly)	pred	silica (-iceous)	Sil, sil
primary	prim	silt (-y)	Slt, slty
prominent	prom	siltstone	Sltst
purple	purp	similar	sim

Appendix A

slabby	slb	underclay	Uc
slate (-y)	Sl, sl	uniform	uni
slickenside (-d)	Slick, slick	upper	u
slight (-ly)	sli, slily		
small	sml		V
smooth	sm		
somewhat	smwt	variation (-able)	Var, var
sorted (-ing)	srt, srtg	varicolored	varic
south	S	varved	vrvd
spar (-s)	Spr	vertical	vert
sparry	spr	very	v
sparse (-ly)	sps, spsly	very poor sample	V.P.S.
splintery	splin	violet	vi
spotted (-y)	sptd, spty	visible	vis
strata (-ified)	Strat, strat	vitreous (-fied)	vit
subangular	sbang	volatile	volat
subrounded	sbrnrd		
sulphur (-ous)	Su, Su		W
surface	Surf		
streak (-ed)	Strk, strk	wackestone	Wkst
stringer	strgr	water	Wtr or H ₂ O
structure	Str	wavy	wvy
		weak	wk
	T	weathered	wthd
		well (-s)	Wl, wl
tabular (-ate)	tab	west	W
tan	tn	white	wh
terriginous	ter	with	w/
texture(-d)	Tex, tex	without	w/o
thick	thk		
thin	thn		Y
thin-bedded	t.b.		
thin section	T.S.	yellow (-ish)	yel, yelsh
throughout	thru		
top	Tp		Z
trace	Tr		
type (-ical)	Typ, typ	zone	Zn
	U		
unconformity	Unconf		
unconsolidated	uncons		