

11.0 STANDARD ABBREVIATIONS FOR LITHOLOGIC DESCRIPTIONS

Note: Abbreviations for nouns always begin with a capital letter.

WORD	ABBREVIATION	WORD	ABBREVIATION
about	abt	biotite	Biot
above	ab	birdseye	Bdye
absent	abs	black (-ish)	blk, blksh
abundant	abd	blade (-ed)	Bld, bld
acicular	acic	blocky	blky
agglomerate	Aglm	blue (-ish)	bl, blsh
aggregate	Agg	bored (-ing)	Bor, bor
algae, algai	Alg, alg	bottom	Btm
allochem	Allo	botryoid (-al)	Bot, bot
altered	alt	boulder	Bld
alternating	altg	boundstone	Bdst
ammonite	amm	brachiopod	Brach
amorphous	amor	brackish	brak
amount	amt	branching	brhg
and	&	break	Brk, brk
angular	ang	breccia (-ted)	Brec, brec
anhedral	ahd	bright	brt
anhydrite (-ic)	Anhy, anhy	brittle	brit
anthracite	Anthr	brown	brn
aphanitic	aph	bryozoa	Bry
appears	ap	bubble	Bubl
approximate	apprx	buff	bu
aragonite	Arag	burrow (-ed)	Bur, bur
arenaceous	aren		
argillaceous	arg	calcarenite	Clear
arkose (-ic)	Ark, ark	calcilutite	Clclt
as above	a.a.	calcirudite	Clcrd
asphalt (ic)	Asph, asph	calcisiltite	Clslt
assemblage	Assem	calcisphere	Clcsp
associated	assoc	calcite (-ic)	Calc, calctc
at	@	calcareous	calc
authigenic	authg	caliche	cche
average	Av, av	carbonaceous	carb
		carbonized	cb
band (-ed)	Bnd, bnd	cavern (-ous)	Cav, cav
basalt (-ic)	Bas, bas	caving	Cvg
basement	Bm	cement (-ed, -ing)	Cmt, cmt
become (-ing)	bcm	cephalopod	Ceph
bed (-ed)	Bd, bd	chalcedony (-ic)	Chal, chal
bedding	Bdg	chalk (-y)	Chk, chky
bentonite (-ic)	Bent, bent	charophyte	Char
bitumen (-inoue)	Bit, bit	chert (-y)	Cht, cht
bioclastic	biocl	chitin (-ous)	Chit, chit
bioherm (-al)	Bioh, bioh	chlorite (-ic)	Chlor, chlor
biomicrite	Biomi	chocolate	choc
biosparite	Biosp	circulate (-ion)	circ, Circ
biostrom (-al)	Biost, biost	clastic	clas

WORD	ABBREVIATION	WORD	ABBREVIATION
clay (-ey)	Cl, cl	detrital	detr
claystone	Clst	devitrified	devit
clean	cln	diabase	Db
clear	clr	diagenesis (-etic)	Diagn, diagn
cleavage	Clvg	diameter	Dia
cluster	Clus	disseminated	dissem
coal	C	distillate	Dist
coarse	crs	ditto	" or do
coated (-ing)	cotd,cotg	dolomite (-ic)	Dol, dol
coated grains	cotd gn	dominant (-ly)	dom
cobble	Cbl	drilling	drlg
color (-ed)	Col, col	drill stem test	DST
common	com	drusy	dru
compact	cpct		
compare	cp	earthy	ea
concentric	cncn	east	E
conchoidal	conch	echinoid	Ech
concretion (-ary)	Conc, conc	elevation	Elev
conglomerate (-ic)	Cgl, cgl	elongate	elong
conodont	Cono	embedded	embd
considerable	cons	equant	eqnt
consolidated	consol	equivalent	Equip
conspicuous	conspic	euهدral	euهد
contact	Ctc	euxinic	eux
contamination (-ed)	Contam,contam	evaporite (-itic)	Evap, evap
content	Cont	excellent	ex
contorted	cntrt	exposed	exp
coquina (-oid)	Coq, coqid	extraclast (-ic)	Exclas, exclas
coral, coralline	Cor, corln	extremely	extr
core	c	extrusive rock, extrusive	Exv, exv
covered	cov		
cream	crm	facet (-ed)	Fac, fac
crenulated	cren	faint	fnt
crinkled	crnk	fair	fr
crinoid (-al)	Crin, crinal	fault (-ed)	Flt, flt
cross	x	fauna	Fau
cross-bedded	x-bd	feet	Ft
cross-laminated	x-lam	feldspar (-athic)	Fspr, fspr
cross-stratified	x-strat	fenestra (-al)	Fen, fen
crumpled	crpld	ferruginous	ferr
crystocryalline	crpxln	fibrous	fibr
crystal (-line)	Xl, xln	fine (-ly)	f, fnly
cube, cubic	Cub, cub	fissile	fis
cuttings	Ctgs	flaggy	flg
		flake, flaky	Flk, flk
dark (-er)	dk, dkr	flat	fl
dead	dd	floating	fltg
debris	Deb	flora	Flo
decrease (-ing)	Deer, deer	fluorescence (-ent)	Fluor, fluor
dense	dns	foliated	fol
depauperate	depau	foot	Ft
description	Descr	foraminifer, foraminiferal	Foram, foram

WORD	ABBREVIATION	WORD	ABBREVIATION
formation	Fm	igneous rock (igneous)	Ig, ig
fossil (-iferous)	Foss, foss	impression	Imp
fracture (-al)	Frac, frac	inch	In
fragment (-al)	Frag, frag	inclusion (-ded)	Incl, incl
frequent	freq	increasing	incr
fresh	frs	indistinct	indst
friable	fri	indurated	ind
fringe (-ing)	Frg, frg	Inoceramus	Inoc
frosted	fros	in part	I.P.
frosted quartz grains	F.Q.G.	insoluble	insl
furoid (-al)	Fuc, fuc	interbedded	intbd
fusulinid	Fus	intercalated	intercal
		intercrystalline	intxln
gabbro	Gab	inter granular	intgran
gastropod	Gast	inter grown	intgn
gas	G	interlaminated	intrlam
generally	gen	interparticle	intpar
geopetal	gept	intersticies (-itial)	Intst, intst
gilsonite	Gil	interval	Intvl
glass (-y)	Glas, glas	intraclast (-ic)	Intclas, intclas
glaucinite (-itic)	Glauc, glauc	intraparticle	intrapar
Globigerina (-inal)	Glob, glob	intrusive rock, intrusive	Intr. intr
gloss (-y)	Glos, glos	invertebrate	Invtb
gneiss (-ic)	Gns, gns	iridescent	irid
good	gd	ironstone	Fe-st
grading	grad	irregular (-ly)	irr
grain (-s, -ed)	Gr, gr	bopachous	bo
grainstone	Grst		
granite	Grt	jasper	Jasp
granite wash	G.W.	joint (-ed, -ing)	Jt, jt
granule (-ar)	Gran, Iran		
grapestone	grapst	kaolin (-itic)	Kao, kao
graptolite	Grap		
gravel	Grv	lacustrine	lac
gray, grey (-ish)	gry, grysh	lamina (-tions, -ated)	Lam, lam
graywacke	Gwke	large	lge
greasy	gsy	laterite (-itic)	Lat, lat
green (-ish)	gn, gnsh	lavender	lav
grit (-ty)	Gt, gt	layer	Lyr
gypsum (-iferous)	Gyp, gyp	leached	lchd
		lens, lenticular	Len, lent
hackly	hkl	light	lt
halite (-iferous)	Hal, hal	lignite (-itic)	Lig, lig
hard	hd	limestone	Ls
heavy	hvy	limonite (itic)	Lim, lim
hematite (-ic)	Hem, hem	limy	lmy
Heterostegina	Het	lithic	lit
heterogeneous	hetr	lithographic	lithgr
high (-ly)	hi	lithology (-ic)	Lith, lith
homogeneous	hom	little	Ltl
horizontal	hor	littoral	litt
hydrocarbon	Hyde		

WORD	ABBREVIATION	WORD	ABBREVIATION
local	loc	novaculite	Novac
long	lg	no visible porosity	n.v.p.
loose	lse	numerous	num
lower	l		
lustre	Lstr	occasional	occ
lutite	Lut	ochre	och
		oil	o
macrofossil	Macrofos	oil source rock	OSR
magnetite, magnetic	Mag, mag	olive	olv
manganese	Mn,mn	oid (-al)	Oo ,oo
marble	Mbl	oolicast (-ic)	Ooc, ooc
marl (-y)	Mrl, mrl	oolite (-ide)	Ool,ool
marls tone	mrlst	oomold (-ic)	Oomol, oomol
marine	marn	oncolite (-oidal)	Onc, onc
maroon	mar	opaque	op
massive	mass	orange (-ish)	or, orsh
material	Mat	Orbitolina	Orbit
matrix	Mtrx	orlanic	org
maximum	max	orthoclase	Orth
medium	m or med.	orthoquartzite	O-Qtz
member	Mbr	Ostracod	Ostr
meniscus	men	overgrowth	ovgth
metamorphic rock,	Meta	oxidized	ox
metamorphic (-osed)	meta, metaph	oyster	Oyst
mica (-ceou s)	Mic,mic		
micrite (-ic)	Micr,micr	packstone	Pkst
microcrystalline	microxln	paper (-y)	Pap, pap
microfossil (-iferous)	Microfos,microfos	part (-ly)	Pt, pt
micrograined	micgr	particle	Par, par
micro-oolite	Microool	parting	Ptg
micropore (-osity)	Micropor,micropor	part s per million	PPM
microspar	Microspr	patch (-y)	Pch, pch
microstylolite	Microstyl	pebble (-ly)	Pbl, pbl
middle	Mid	pelecypod	Pelec
miliolid	Milid	pellet (-al)	Pel, pel
milky	mky	pelletoid (-al)	Peld, peld
mineral (-ized)	Min, min	permeability (-able)	Perm, k, perm
minor	mnr	pendular (-ous)	Pend, pend
moderate	mod	petroleum, petroliferous	Pet, pet
mold (-ic)	Mol, mol	phloaopite	Phlog
mollusc	Moll	phosphate (-atic)	Phos, phos
mosaic	mos	phyllite, phyllitic	Phyl, phyl
mottled	mott	phreatic	phr
mud (-dy)	md, mdy	pink	pk
mudstone	Mdst	pinkish	pkish
muscovite	Musc	pin-point (porosity)	p.p.
		pisoid (-al)	Piso, piso
nacreous	nac	pisolite, pisolitic	Pisol,pisol
nodules (-ar)	Nod, nod	pitted	pit
north	N	plagioclase	Plag
no sample	n.s.	plant	Plt
no show	n/s	plastic	plas

WORD	ABBREVIATION	WORD	ABBREVIATION
platy	plty	sand (-y)	Sd. sdy
polish. polished	Pol. pol	sandstone	Sst
pollen	Poln	saturation (-ated)	Sat. sat
polygonal	poly	scarce	Scs
porcelaneous	porcel	scattered	scat
porosity. porous	Port por	schist (-ose)	Sch. sch
possible (-ly)	posa	scolecodont	Scol
predominant (-ly)	pred	secondary	sec
preseryed	pres	sediment (-ary)	Sed. sed
primary	prim	selenite	Sel
probable (-ly)	prob	shale (-ly)	Sh. sh
production	Prod	shell	Shl
prominent	prom	shelter porosity	Shlt por
pseudo-	ps	show	Shw
pseudo oolite (-ic)	Psool. psool	siderite (-itic)	Sid. sid
pumice-stone	Pst	sidewall core	S.W.C.
purple	purp	silica (-iceou)	Sil sil
pyrite (-itized. -itic)	Pyr. pyr	silky	slky
pyrobitumen	Pybit	silt (-y)	Slt, slty
pyroclastic	pyrcI	siltstone	Sltst
		similar	sim
quartz (-ose)	Qtz. qtz	skeletal	skel
quartzite (-ic)	Qtzt. qtzt	slabby	slb
		slate (-y)	Sl. sl
radial (-ating)	Rad, rad	slickenside (-d)	Slick, slick
radial axial	Radax	slight (-ly)	sli, slily
range	rng	small	sml
rare	r	smooth	sm
recemented	recem	soft	sft
recovery (-ered)	Rec, rec	Solution, soluble	Sol. sol
recrystallized	rexIzd	somewhat	Smwt
red (-ish)	rd. rdsh	Sorted (-ing)	srt, srtg
reef (-oid)	Rf. rf	south	S
remains	Rem	spar (-ry)	Spr. spr
replaced (-ment)	rep. Repl	sparse (-ly)	sps. spsly
residue (-ual)	Res. res	speck (-led)	Spk. spkld
resinous	rsns	sphalerite	Sphal
rhomb (-ic)	Rhb. rhb	spherule (-itic)	Spher, spher
ripple	Rpl	spicule (-ar)	Spic. spic
rock	Rk	splintery	Splin
round (-ed)	rnd. rndd	sponge	Spg
rounded. frosted. pitted	r.f.p	spore	Spo
rubble (-bly)	Rbl. rbl	spotted (-y)	sptd. spty
rudist	Rud	stain (-ed. -ing)	Stn. stn
		stalactitic	stal
saccharoidal	sacc	strata (-ified)	Strat, strat
salt (-y)	Sa,sa	streak (-ed)	Strk. strk
salt and pepper	s & p	striae (-ted)	Stri, stri
salt water	S.W.	stringer	strgr
same as above	a.a.	stromatolite (-itic)	Stromlt. stromlt
sample	Spl	stromatopoid	Strom
		structure	Str

WORD	ABBREVIATION	WORD	ABBREVIATION
stylolite (-itic)	Styl, styl	visible	vis
subangular	sbang	vitreous (-ified)	vit
sublithic	sblit	volatile	volat
sub rounded	sbrnrd	volcanic	Volc, volc
sucrosic	suc	vug (-gy)	Vug, wg
sulphur, sulphurous	Su, su	wackestone	Wkst
superficial olite	Spfool, spfool	washed residue	W.R.
surface	Surf	water	Wtr
syntaxial	syn	wavy	wvy
tabular (-ate)	tab	waxy	wxy
tan	tn	weak	wk
terriginous	ter	weathered	wthd
texture (-d)	Tex, tex	well	Wl, wl
thick	thk	west	W
thin	thn	white	wh
thin-bedded	t.b.	with	wi
thin section	t.s.	without	w/o
throughout	thru	wood	Wd
tight	ti	yellow (ish)	yel, yelsh
top	Tp	zircon	Zr
tough	tgh	zone	Zn
trace	Tr		
translucent	trnsl		
transparent	trnsp		
trilobite	Tril		
tripoli (-itic)	Trip, trip		
tube (-ular)	Tub, tub		
tuff (-aceous)	Tf, tf		
type (-ical)	Typ, typ		
unconformity	Unconf		
unconsolidated	uncons.		
underclay	Uc		
underlying	undly		
uniform	uni		
upper	u		
vadose	Vad, vad		
variation (able)	Var, var		
variegated	vgt		
varicolored	varic		
varved	vrvd		
vein (-ing, -ed)	Vn, vn		
veinlet	Vnlet		
vermillon	venn		
vertebrate	vrtb		
vertical	vert		
very	v		
very poor sample	V.P.S.		
vesicular	ves		
violet	vi		