

WLDS LITHOLOGIC CODING SYSTEM

< COLOR CODES >

HEXADECIMAL

0	NO COLOR GIVEN	49	DARK YELLOWISH BROWN
1	TRANSPARENT	50	DARK YELLOWISH BROWN
2	LIGHT GREYISH RED	51	GRAYISH ORANGE
3	GRAYISH RED	52	MODERATE YELLOWISH BROWN
4	BLACKISH RED	53	LIGHT YELLOWISH ORANGE
5	MODERATE PINK	54	DARK YELLOWISH ORANGE
6	MODERATE RED	55	YELLOWISH GRAY
7	DARK GRAYISH RED	56	LIGHT OLIVE GRAY
8	LIGHT RED	57	OLIVE GRAY
9	MODERATE RED	58	GREEN
10	RED	59	YELLOWISH GREEN
11	DARK RED	60	BLUISH GREEN
12	ORANGISH RED	61	DARK BLUISH GREEN
13	LIGHT ORANGISH RED	62	OLIVE
14	DARK ORANGISH RED	63	DARK OLIVE
15	PURPLISH RED	64	GRAYISH YELLOW
16	VERY DARK RED	65	DARK GRAYISH YELLOW
17	GRAYISH ORANGE PINK	66	MODERATE OLIVE BROWN
18	LIGHT GRAYISH RED	67	MODERATE YELLOW
19	GRAYISH BROWN RED	68	LIGHT OLIVE BROWN
20	DARK BROWNISH RED	69	LIGHT GREENISH YELLOW
21	MODERATE ORANGE PINK	70	LIGHT OLIVE
22	LIGHT REDDISH BROWN	71	GRAYISH OLIVE
23	DARK REDDISH BROWN	72	MODERATE GREENISH YELLOW
24	MODERATE REDDISH ORANGE	73	LIGHT OLIVE
25	MODERATE REDDISH BROWN	74	BLUE
26	ORANGE	75	LIGHT BLUE
27	LIGHT ORANGE	76	DARK BLUE
28	DARK ORANGE	77	GREENISH BLUE
29	REDDISH ORANGE	78	LIGHT GREENISH BLUE
30	LIGHT REDDISH ORANGE	79	DARK GREENISH BLUE
31	DARK REDDISH ORANGE	80	DARK GREENISH YELLOW
32	GRAYISH ORANGE PINK	81	LIGHT GRAYISH GREEN
33	LIGHT GRAYISH BROWN	82	MODERATE GRAYISH GREEN
34	GRAYISH BROWN	83	GRAYISH OLIVE GREEN
35	DARK BROWN	84	MODERATE YELLOWISH GREEN
36	MODERATE ORANGE PINK	85	LIGHT YELLOWISH GREEN
37	LIGHT BROWN	86	GRAYISH GREEN
38	MODERATE BROWN	87	DARK GRAYISH GREEN
39	MODERATE BROWN	88	MODERATE YELLOWISH GREEN
40	LIGHT BROWN	89	DARK YELLOWISH GREEN
41	VERY LIGHT ORANGE	90	BROWN
42	YELLOW	91	TAN
43	LIGHT YELLOW	92	LIGHT TAN
44	DARK YELLOW	93	DARK TAN
45	GREENISH YELLOW	94	REDDISH BROWN
46	CREAM	95	DARK GRAYISH BROWN
47	BUFF	96	LIGHT GRAYISH GREEN
48	PALE YELLOWISH BROWN	97	GRAYISH GREEN

98	DARK GREEN	130	DARK GRAY
99	LIGHT GREEN	131	BLACK
100	LIGHT GREEN	132	LIGHT BROWNISH GRAY
101	MODERATE GREEN	133	BROWNISH GRAY
102	VERY LIGHT GREEN	134	YELLOWISH GRAY
103	LIGHT GRAYISH GREEN	135	LIGHT OLIVE GRAY
104	GRAYISH GREEN	136	OLIVE GRAY
105	LIGHT BLUE GREEN	137	PINKISH GRAY
112	GRAYISH BLUE GREEN	144	LIGHT GREENISH GRAY
113	GRAYISH PURPLE	145	GREENISH GRAY
114	VERY DARK PURPLE	146	DARK GREENISH GRAY
115	LIGHT REDDISH PURPLE	147	GREENISH BLACK
116	GRAYISH PURPLE RED	148	LIGHT GREENISH GRAY
117	DARK RED PURPLE	149	GREENISH GRAY
118	WHITE	150	DARK GREENISH GRAY
119	VERY LIGHT GRAY	151	GREENISH BLACK
120	LIGHT GRAY	152	LIGHT BLUISH GRAY
121	MODERATE LIGHT GRAY	153	MODERATE BLUISH GRAY
128	MODERATE GRAY		
129	MODERATE DARK GRAY		

◀ FORMATION CODES AND NAMES ▶

ERROR	INCORRECT FORMATION CODE	112PLSC	PLEISTOCENE SANDS
000FILL	FILL	112TRSD	TERRACE SANDS
000NOPK	NO PICK	121CRNL	CITRONELLE FM.
000NOSM	NO SAMPLES	121CYPR	CYPRESS HEAD FM.
090UDSC	UNDIFFERENTIATED SAND AND CLAY	121NASH	NASHUA
090UDSS	UNDIFFERENTIATED SAND, CLAY, AND SHELLS	121PCPC	PLIOCENE-PLEISTOCENE
111LKFL	LAKE FLIRT MARL	121PLCN	PLIOCENE
112ALDG	AYERS LANDING MARL MEMBER OF CALOOSAHATCHEE FM.	122ALCH	ALACHUA FM.
112ANSS	ANASTASIA FM.	122ALVA	ALVA CLAY MEMBER OF TAMIAMI FM.
112BBRC	BEE BRANCH MEMBER OF CALOOSAHATCHEE FM.	122AMBF	ALUM BLUFF GROUP
112BRDN	BRANDY WINE FM.	122ARCA	ARCADIA FM.
112CEMH	COFFEE MILL HAMMOCK MEMBER OF THE FT. THOMPSON FM.	122BCKK	BRUCE CREEK LIMESTONE
112CLSCR	CALOOSAHATCHEE FM.	122BKGM	BUCKINGHAM LIMESTONE OF TAMIAMI FM.
112FDND	FT. DENAUD MEMBER OF CALOOSAHATCHEE FM.	122BNVL	BONE VALLEY MEMBER OF PEACE RIVER FM.
112FTMP	FT. THOMPSON FM.	122BYSR	BAYSHORE MEMBER OF TAMIAMI FM.
112KLRG	KEY LARGO LIMESTONE	122CCTC	CHOCTAWHATCHEE FM.
112LBLL	LA BELLE CLAY MEMBER OF TAMIAMI FM.	122CHAR	CHARLTON MEMBER OF COOSAWHATCHIE FM.
112MIMI	MIAMI LIMESTONE	122CHPL	CHIPOLA FM.
112OKKC	OKALOAKOOCHEE MEMBER OF FT. THOMPSON FM.	122COOS	COOSAWHATCHIE FM.
		122CRLN	CHARLTON FM.
		122CTTC	CHATTAHOOCHEE FM.
		122DPLN	DUPLIN MARL
		122ECMB	ESCAMBIA SAND MEMBER OF PENSACOLA CLAY
		122FRPR	FORT PRESTON FM.

122HTRN	HAWTHORN GROUP	124LKCT	LAKE CITY LIMESTONE
122ITCL	INTERCOASTAL LIMESTONE	124LSBN	LISBON FM.
122JKBL	JACKSON BLUFF FM.	124OCAL	OCALA GROUP
122LBVL	LOWER BONE VALLEY	124OCALL	OCALA LIMESTONE LOWER MEMBER
122MCKS	MURDOCK STATION MEMBER OF TAMIAMI FM.	124OCALU	OCALA LIMESTONE UPPER MEMBER
122MCSK	MICCOSUKEE FM.	124OLDM	OLDSMAR LIMESTONE
122MKHD	MARKSHEAD FM.	124STNC	STEINHATCHEE DOLOMITE MEMBER OF CRYSTAL RIVER FM.
122MOCN	MIOCENE		
122MOCNC	MIOCENE COARSE CLASTICS	124TLLS	TALLAHASSEE LIMESTONE
122NOCA	NOCATEE MEMBER OF ARCADIA FM.	124TLLT	TALLAHATTA FORMATION
122OCHP	OCHOPEE LIMESTONE MEMBER OF TAMIAMI FM.	124WLCX	WILCOX
122OKGV	OAK GROVE SAND MEMBER OF SHOAL RIVER FM.	124WLG	WILLISTON-INGLIS
122ORTN	ORTONA SAND MEMBER OF TAMIAMI FM.	124WLSN	WILLISTON FM.
122PCRS	PINECREST SAND	125CDRK	CEDAR KEYS LIMESTONE
122PCRV	PEACE RIVER FM.	125MDWY	MIDWAY FM.
122PNFM	PENNEY FARMS FM.	125PLCN	PALEOCENE
122PSCL	PENSACOLA CLAY	200MSZC	MESOZOIC
122RDBY	RED BAY FM.	210CCJC	CRETACEOUS-JURASSIC
122SLRV	SHOAL RIVER FM.	210FPRC	FORT PIERCE FM.
122SMRK	ST. MARKS FM.	211AKNS	ATKINSON FM.
122STAT	STATENVILLE FM.	211ASTN	AUSTIN GROUP
122STJO	ST. JOE LIMESTONE	211CDS	CARD SOUND DOLOMITE
122TAMP	TAMPA MEMBER OF ARCADIA FM.	211CRCSU	UPPER CRETACEOUS
122TMIM	TAMIAMI FM.	211EUTW	EUTAW FM.
122TORR	TORREYA FM.	211LCS	LA CROSSE SANDSTONE
122TRYA	TORREYA FM.	211LWSN	LAWSON LIMESTONE
122UBVL	UPPER BONE VALLEY	211NVRR	NAVARRO GROUP
122YLRV	YELLOW RIVER FM.	211PLOT	PILOT SANDSTONE MEMBER OF TUSCALOOSA FM.
123BCTN	BUCATUNNA CLAY MEMBER OF BYRAM FM.	211SELM	SELMA GROUP
123BYRM	BYRAM FM.	211TSCL	TUSCALOOSA FM.
123CKHY	CHICKASAWHAY LIMESTONE	211TSCLL	LOWER MEMBER OF TUSCALOOSA FM.
123DCCC	DUNCAN CHURCH BEDS MEMBER OF SUWANNEE LIMESTONE	211TSCLM	MIDDLE MEMBER OF TUSCALOOSA FM.
123MRNN	MARIANNA LIMESTONE	211TSCLS	MASSIVE SANDSTONE MEMBER OF LOWER TUSCALOOSA FM.
123OLGC	OLIGOCENE	211TSCLU	UPPER MEMBER OF TUSCALOOSA FM.
123SWNN	SUWANNEE LIMESTONE	211TYLR	TAYLOR GROUP
124AVPK	AVON PARK FM.	217BGCP	BIG CYPRESS GROUP
124BPNS	BUMPNOSE MEMBER OF CRYSTAL RIVER FM.	217CRCSL	LOWER CRETACEOUS
124BSHI	BASHI MARL MEMBER OF HATCHETIGBEE FM.	217DLRB	DOLLAR BAY FM.
124CLBR	CLAIBORNE	217DTZL	DANTZLER FM.
124CLRV	CRYSTAL RIVER FM.	217FKBG	FREDERICKSBURG GROUP
124EOCN	EOCENE	217FRLK	FERRY LAKE ANHYDRITE
124HCGB	HATCHETIGBEE FM.	217GLDS	GLADES GROUP
124IGLS	INGLIS FM.	217HSTN	HOSSTON FM.
		217LKTF	LAKE TRAFFORD FM.
		217MRST	MOORINGSPOUT FM.
		217NPLB	NAPLES BAY GROUP

217OCRF	OCEAN REEF GROUP	221WRNR	WERNER ANHYDRITE
217PGRD	PUNTA GORDA ANHYDRITE	230BSLT	BASALT
217PLXY	PALUXY FM.	230DIBS	DIABASE
217PNIS	PINE ISLAND FM.	230ELML	EAGLE MILLS FORMATION
217RDSS	RODESSA FM.	230RYLT	RHYOLITE
217SDGV	SANDS AND GRAVELS UNDIFFERENTIATED	230TRSC	TRIASSIC
217SNLD	SUNNILAND LIMESTONE	230TUFF	TUFF
217SNRZ	ROBERTS ZONE OF SUNNILAND LIMESTONE	231NWRK	NEWARK GROUP
217TRNT	TRINITY GROUP	231TRSCU	UPPER TRIASSIC
217TRNTL	LOWER TRINITY	300PLZC	PALEOZOIC
217TRNTU	UPPER TRINITY	340DVNN	DEVONIAN
217WSHT	WASHITA GROUP	350SLRN	SILURIAN
221CNVL	COTTON VALLEY GROUP	360ODVC	ORDOVICIAN
221DNKM	DENKMAN SANDSTONE	367ODVCL	LOWER ORDOVICIAN
221HSBK	BUCKNER MEMBER OF HAYNESVILLE FM.	370CMBR	CAMBRIAN
221HSVL	HAYNESVILLE FM.	400BCGR	BIOTITIC GRANITE
221JRSCU	UPPER JURASSIC	400GRNT	GRANITE
221LUNN	LOUANN SALT	400HBDD	HORNBLLENDE DIORITE
221NRPL	NORPHLET SANDSTONE	400PCMB	PRECAMBRIAN
221SMKV	SMACKOVER FM.		

◀ GEOPHYSICAL CODES ▶

A	TIME	M	MICRO LATERLOG
C	CALIPER	N	NEUTRON
E	ELECTRIC	P	PHOTO
F	FLUID CONDUCTIVITY	Q	RADIO-ACTIVITY
G	GEOLOGIST	S	SONIC
H	MAGNETIC	T	TEMPERATURE
I	INDUCTION	U	GAMMA-GAMMA
J	GAMMA	V	FLUID VELOCITY
K	DIPMETER	Z	OTHER
L	LATERLOG		

◀ ROCK TYPE CODES ▶

A	ANHYDRITE	M	CALCILUTITE
B	CHERT	N	NO SAMPLE
C	CLAY	O	ORTHOQUARTZITE
D	DOLOSTONE	P	PHOSPHATE
E	CALCARENITE	Q	QUARTZITE
F	SHELL BED	R	GRAVEL
G	GYP SUM	S	SAND
H	SHALE	T	SILT
I	SILT-SIZE DOLOMITE	U	ARKOSE
J	PEAT	V	AS ABOVE
K	CHALK	W	SANDSTONE
L	LIMESTONE	X	IGNEOUS

Y METAMORPHIC
Z COMMENTS
1 GRAINSTONE

2 PACKSTONE
3 WACKESTONE
4 MUDSTONE

◁ POROSITY CODES ▷

A INTRAGRANULAR
F FRACTURE
I INTERGRANULAR
L LOW PERMEABILITY
M MOLDIC

N NOT OBSERVED
P PIN POINT VUGS
V VUGULAR
X INTERCRYSTALLINE
Y POSSIBLY HIGH PERMEABILITY

◁ GRAIN SIZE CODES ▷

C COARSE
F FINE
G GRANULE
L VERY COARSE
M MEDIUM

O MICROCRYSTALLINE
R GRAVEL
T LITHOGRAPHIC
V VERY FINE
X CRYPTOCRYSTALLINE

◁ ROUNDNESS CODES ▷

A ANGULAR
R ROUNDED
S SUB-ANGULAR

U SUB-ROUNDED
W WELL-ROUNDED

◁ SPHERICITY CODES ▷

H HIGH
L LOW

M MEDIUM

◁ GRAIN TYPE CODES ▷

B BIOGENIC
C CRYSTALS
I INTRACLASTS
M CALCILUTITE
O OOLITE

P PELLET
S SKELETAL
X OOLITE CLAST
Y PELLET CAST
Z SKELTAL CAST

S QUARTZ SAND
 T SILT
 U PEAT
 V HEMATITE
 W PLANT REMAINS
 X PHOSPHATIC GRAVEL

Y PHOSPHATIC SAND
 Z SHALE
 1 SHELL
 2 ORGANICS
 3 SILT-SIZE DOLOMITE

< OTHER FEATURES CODES >

A CALCAREOUS
 B BROWN ANHYDRITE CRYSTALS
 C COQUINA
 D DOLOMITIC
 E POOR SAMPLE
 F FROSTED
 G GRANULAR
 H HIGH RECRYSTALLIZATION
 I PLATY
 J PLASTIC
 K CHALKY
 L LOW RECRYSTALLIZATION
 M MEDIUM RECRYSTALLIZATION
 N SPLINTERY
 P PARTINGS

Q SPECKLED
 R REEFAL
 S SUCROSIC
 T UNWASHED SAMPLE
 U MUDDY
 V VARIEGATED
 W WEATHERED
 X VARVED
 Y GREASY
 Z STROMATAL
 O CRYSTALLINE
 1 FOSSILIFEROUS

< GENERAL FOSSIL NAME CODES >

A ALGAE
 B BRYOZOA
 C CORAL
 D BRACHIOPOD
 E ECHINOID
 F BENTHIC FORAMINIFERA
 G CRUSTACEA
 H PLANKTONIC FORAMINIFERA
 I DIATOMS
 J BARNACLES
 K OOLITES
 L MILIOLIDS
 M MOLLUSKS

N CONES
 O OSTRACODS
 P PLANT REMAINS
 R RUDISTIDS
 S SPICULES
 T SHARKS TEETH
 U NO FOSSILS
 V VERTEBRATE
 W WORM TRACES
 X FOSSIL FRAGMENTS
 Y FOSSIL MOLDS
 Z ORGANICS