1-2 Rocktyp Description

AG	Agglom.
AI	Acid Intrus.
AL	Alluvium
AT	Acid Tuff
AV	Acid Volc.
BC	Bldr Cong.
BI	Basic Intrus.
BE	Breccia
BS	Basalt
BV	Basic Volc.
CA	Calcite
CB	Carbonate
CC	Cobb Cong.
CP	Cobble/Pebble Cong.
CD	Cindered Coal
CE	Cannel Coal
CF	Fusainous Coal
CG	Conglomerate
CH	Chert
CL	Clay
CN	Stony Coal
CO	Coal
CS	Claystone
CT	Clast undiff.
CV	Colluvium
CU	Coal Undiffer'
CW	Weath. Coal
CY	Sooty Coal
DI	Diamictite
FB	Fault Breccia
GC	Granule Cong.
GP	Gypsum
GR	Granite
GV	Gravel
HC	Heat Affected Coal
IG	Igneous Rock
II	Inter' Intrus.
IS	Ironstone
IT	Inter' Tuff
IV	Inter' Volc.
KL	Core Loss
LS	Limestone
MD	Mud
MS	Mudstone
NK	Not Cored
OS	Oil Shale
PC	Peb Cong.
PG	Peb & Gran Cong
PT	Peat
PY	Pyrite
QI	Quartzite
QT	Possible Tuff
QZ	Quartz
SA	Sand
SC	Schist
SD	Siderite
SE	Silcrete
SI	Silt
SL	Siltstone
SO	Soil
SR	Sandrock
SS	Sandstone
TF	Tuff
XC	Carb. Clayst.
XM	Carb. Mudst.
XS	Carb. Siltst.
ZC	Coaly Clayst.
ZM	Coaly mudst.
ZS	Coal Siltst.
NR	No Recovery
NL	Not Logged
SU	Sedimentary Undiff.

3 SHADE

L	Light
D	Dark
M	Mottled

4-7 COLOUR

BK	Black
BL	Blue
BN	Brown
BU	Buff
CM	Cream
DB	D. Brown
DG	D. Grey
EB	Grey-Brown
GB	Green-Brown
GG	Green-Grey
GN	Green
GR	Green-Red
GY	Grey
LB	L. Brown
LG	L. Grey
OR	Orange
OW	Off White
PK	Pink
PU	Purple
RB	Red-Brown
RD	Red
WH	White
YB	Yellow-Brown
YW	Yellow

8-9 GRAIN SIZE

VF	Very Fine
BC	Pebble & Cobble
CB	Cobble
CG	Crse & Granule
CS	Crse
CV	Crse-V.Crse
EC	V.Fine-Crse
FC	Fine-Crse
FM	Fine-Medium
FN	Fine
FV	V.Fine-Fine
GR	Granule
MC	Medium-crse
MD	Medium
MV	Med.-V. Crse
NV	Fine-V.Crse
PP	Pebble
PG	Pebble & Granule
VC	V.Crse
VM	V.Fine-Med.
VV	V.Fine-V.Crse

10-13 LITH. ADJ.

BR	Bright (BR)
BB	Bright with Dull Bands (BB)
BD	Interbded Dull & Bright (BD)
CU	Coal Undifferentiated
CC	Calcareous
CH	Cherty
CL	Clayey
CO	Cobbles
DB	Dull with Bright Bands
DD	Dull (DD)
DK	Dull Silky
DL	Dull Lustrous
DM	Dull with minor Bright
DY	Dull-Stoney
FD	Feldspathic
FE	Ferruginous
FL	Felds-Lithic
FQ	Felds-Quartzose
FU	Fusainous
GR	Granular
HA	Heat-Affected
KA	Kaolinitic
LF	Lithic-Feldspathic
LI	Lithic
LQ	Lithic-Quartzose
MD	Muddy
MI	Micaceous
PB	Pebbly
PT	Peaty
PX	Partly Carbonaceous
PY	Pyritic
QF	Quartz-Felds.
QL	Quartz-Lithic
QT	Possible Tuffac.
QZ	Quartzose
SD	Sideritic
SH	Shaly
SI	Siliceous
SL	Silty
SY	Sandy
TF	Tuffaceous
XX	Carbonaceous
SP	Sideritic in Part

14 WEATHERING

E	Extreme
F	Fresh
H	High
M	Moderate
S	Slight
W	Weathered

15 HARDNESS

S	Soft (easily scratch with fingernail)
M	Moderately Hard (easily scratch with knife)
H	Hard (difficult to scratch with knife)
V	Very Hard

16 FRACTURES

J	Joints
B	Bedding Planes
C	Brecciated Zone
S	Slickensided Joints
R	Shrinkage Cracks
A	Clasts
X	Joint & Bed. Planes
F	Faulted
Z	Fault Zone
T	Cleat

17-18 MECH. STATE

BK	Blocky 30-100cm
BL	Brittle
BR	Brecciated
BS	with expan biscuit
DN	Dense
DW	Disintegrate on wet
EX	Expanding Clay
FA	Fractured
FB	Friable
FL	Flaggy 1-10cm
FR	Fretting
FS	Fissile <1cm
MA	Massive >100cm
PR	Porous
PU	Puggy
SC	Sticky Clay
SL	Slabby 10-30cm
SO	Soapy
TO	Tough
WX	Waxy

19 JOINT FREQ.

S	Sparse
C	Common
A	Abundant

20 JOINT ORNTN

Z	Subhoriz. 75-90
O	Oblique 15-75
V	Subvertical 0-15
B	Joints parralel to Bedding
L	Low angle fault
M	Med. angle fault
H	High angle fault

21-22 BASAL CONTACT

ER	Erosional
GD	Gradational
SH	Sharp
SP	Sharp Planar
SI	Sharp Irregular
SO	Sharp Oblique
LM	Laminated
LJ	Low angel joint at base
IF	Intensely fract. at base
DF	Diffuse at base
BP	Basal Parting
NR	Base not recov.
FG	Interfingering at base
SW	Sharp Wavy base
SK	Slickensides at base
DS	Distinct Base
FT	Faulted at base
IR	Irregular at base
WY	Wavy Base
UN	Uneven base

23-24 TEXTURE

AM	Amygdaloidal
AP	Aphanitic
BR	Brecciated
BT	Banded Tuff
CH	Cherty
CL	Clayey
CR	Concretionary
CF	Contorted Flow Bandi
FB	Flow Banding
GR	Granular
GT	Gritty
IN	Indurated
MD	Muddy
MT	Metamorphosed
ND	Nodular
OO	Oolitic
PB	Pebbly
PH	Porphyritic
PL	Pelletal
PR	Porcellanous
PS	Pisolitic
QT	Probably Tuff.
SH	Shaly
SL	Silty
SY	Sandy
TF	Tuffaceous
VS	Vesicular
XL	Crysalline

25-28 SED. STRUCTURE

BH	High angle inclined >30
BM	Med. angle inclined 10-30
BL	Low angle inclined <10
MS	Massive bedding >100cm
CB	Thick bedding 30-100cm
MB	Medium bedding 10-30cm
FB	Thinly bedded 3-10cm
VB	V.Thinly bedded 1-3cm
LM	Laminated 0.3-1cm
LL	Thinly laminated <0.3cm
WL	Weakly laminated
WB	Weakly bedded
FX	Fine X-bedding
XB	X-Bedding
XH	High angle X-beds (20-30)
XL	Low angle X-beds (0-10)
XM	Med. angle X-beds (10-20)
FU	Fining upwards
CU	Crsening upwards
BA	Banded
BC	Coal laminae
BT	Bioturbated
CF	Compaction Feature
CR	Climbing Ripples
CT	Contorted Bedding
DB	Disturbed bedding
DF	Diffuse bedding
DP	Drop pebbles
DW	Dewatering Structures
FL	Flaser bedding
FR	Fragmented bedding
FS	Flame structures
GB	Graded bedding
IC	Imbricate clasts
IM	Intermixed bedding
IR	Irregularly bedded
LC	Load cast
LN	Lenticular bedding
MF	Microfaulting
PB	Penny bands
RB	Regular bedding
RU	Rip up Clasts
RP	Ripple bedding
SC	Shrinkage cracks
SD	Sedimentary dykes
SF	Scour and fill
SH	Subhoriz. bedding
SL	Slumped bedding
ST	Siltstone laminae
TW	Tuff Wisps
TP	Tuff Penny Bands
WY	Wavy bedding
SB	Sandstone Bands
CY	Claystone Bands
MD	Mudstone Bands
TL	Tuff Lenses
LB	Siltstone Bands
RW	Reworked

29 ABUNDANCE

S	Sparse
C	Common
A	Abundant

30-31 BIOG. FEATURES

BT	Bioturbation
BW	Burrows
CF	Coaly Fragments
CL	Coaly Lamellae
CM	Coaly Laminae
CW	Coaly Wisps
CP	Coal Partings
CT	Coaly Lenticles
QB	Proable bioturb.
QW	Proable burrow
SB	Sandfilled Burrows
XF	Carb. Fragments
XG	Carb. Grains
XL	Carb. Lamellae
XM	Carb. Laminae
XP	Carb. Partings
XR	Carb. Remains
XW	Carb. Wisps
FP	Faecal Pellets
GZ	Grazing Trails
LX	Lam of carb frag

32-33 FOSSILS

BR	Brachiopods
BZ	Bryozoans
CH	Bedding churne by root traces
FM	Foraminifera
FS	Shell frags
GA	Gangamopteris
GL	Glossopteris
GT	Gastropods
MF	Marine fossils
PF	Plant frags
PH	Phyllotheca
PI	Plant impress.
PR	Plant remains
RD	Bedding disturb by root traces
RS	Sed-filled root tr
RT	Root traces
RX	Carb. root trace
SF	Shell Fragments
VB	Vertebraria
XG	Carb. grains
XR	Carb. remains

34-35 RELATIONSHIPS BETWEEN MIXED LITHOLOGIES

CB	Thickly interbed
MB	Med. interbedded
FB	Thinly interbedded
VB	V.Thinly interbed
LM	Interlaminated
LL	Thinly interlaminated
IB	Interbedded
IR	Irregularly interbed
IM	Intermixed
CU	Unit crsens upward
FU	Unit fines upwards
CS	Clasts
ND	Nodules
GR	Granules
BO	Boulders
CO	Cobbles
PB	Pebbles
CM	Cement
MX	Matrix

38-39 SECONDRY

BM	Biotite
CA	Calcite
CB	Carbonate
CL	Chlorite
GA	Garnet
GL	Glendonite
GP	Gypsum
HM	Heavy Mineral
IL	Ilmenite
IO	Iron oxide
KA	Kaolinite
MG	Magnetite
MN	Magnanese
PY	Pyrite
QZ	Quartz
SD	Siderite
SI	Silica
SP	Serpentinite
SU	Sulphur
WM	Musovite
ZE	Zeolite
CY	Clay

40-41 RELAT.

AM	In amygdules
BN	Bands
CB	Conc. at base
CC	Cone in cone
CL	In cleat
CM	Cement
CO	Concretions
CS	clasts
CT	Con. at top
CV	Cavitities
DS	Disseminated
FR	Fract. planes
GR	Grains
IP	In part
JT	on joints
LN	Lenses
MA	Matrix
MJ	on major joints
ND	Nodules
OB	Bed' planes
RZ	Replacement
ST	Staining
VN	Veins

42-43 ACCESSORY

BM	Biotite
CA	Calcite
CB	Carbonate
CL	Chlorite
GA	Garnet
GL	Glendonite
GP	Gypsum
HM	Heavy Mineral
IL	Ilmenite
IO	Iron oxide
KA	Kaolinite
MG	Magnetite
MN	Magnanese
PY	Pyrite
QZ	Quartz
SD	Siderite
SI	Silica
SP	Serpentinite
SU	Sulphur
WM	Musovite
ZE	Zeolite
CY	Clay

44-45 RELAT.

AM	In amygdules
BN	Bands
CB	Conc. at base
CC	Cone in cone
CL	In cleat
CM	Cement
CO	Concretions
CS	clasts
CT	Con. at top
CV	Cavitities
DS	Disseminated
FR	Fract. planes
GR	Grains
IP	In part
JT	on joints
LN	Lenses
MA	Matrix
MJ	on major joints
ND	Nodules
OB	Bed' planes
RZ	Replacement
ST	Staining
VN	Veins

46 SORTING

W	Well
P	Poor
M	Mixed
L	Polymod
B	Bimodal

47 PACKING

N	No clast contact
S	Some clast contact
G	Good clast contact

48 ROUNDNSS

A	Angular
S	Subang
D	Subrnd
R	Rounded
W	W. Round

49 SHAPE

B	Bladed
P	Prolate
T	Tabular
E	Equant
M	Mixed Clast Shape

50 CORE

B	Broken
C	Crushed
D	Disaggreg
F	Fretted
K	Cuttings
L	Loss
M	Macerated
O	Overdrill
P	Broken in part
V	V. Broken

51 CONT. FLAG

=	Continue in code with descr of unit
$	Continue in code with descr of second lithol in interbed unit
*	Continue in English
I	Print on a new line Interpret'
D	Continue in Engl. on a new line