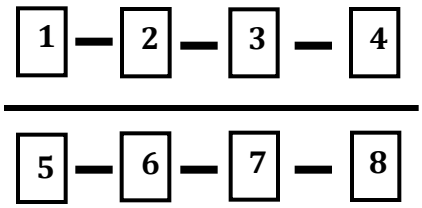
FIELD LEGEND FOR ORGANIC SOILS



1	=	**Parent Material**
2	=	**Dominant Degree of Decomposition/Textural Class (0 –50, 50–100, 100-150 cm)**
3	=	**Soil Depth, Nature of Subtratum**
4	=	**Subtratum Colour**
5	=	**Drainage Class**
6	=	**Pedological Feature**
7	=	**Slope Class**
8	=	**Soil Series**

Symbol 1 : Parent Material	
G	Granite, Adamellite, Syenite, Microgranite, Gneiss
R	Rhyolite, Rhyolitic Tuff, Rhyodacite, Trachyte
D	Diorite, Granodiorite, Dacite, Dacitic, Tuff, Quartz Andesite
B	Andesite, Basalt, Andesitic Tuffs, Gabbro, Norite, Basic Tuff, Serpentine, Biotite, Schist, Dunnite, Amphibolite
Q	Conglomerate, Quartzite, Sandstone and Other Predominantly Arenaceous Rocks
S	Shales, Slates, Mudstone, Phyllites, Siltstone, Quartz Mica Schist and Other Argillaceous Rocks
L	Limestone, Dolomite and Other Calcareous Rocks
P	Reworked Material (Sol Remanie) P, P_3 and P_2
T	River Alluvial (Very Recent, T_0),(recent, T_1), (Sub-recent, T_2) and (Older Alluvial,t_3)
C	Colluvial Deposits
A	Beach Ridge and Related Deposits
E	Marine, Brackish Water and Estuarine Deposits
O	Organic Soil Deposits
H	Human Influence (Urban and Mining)
Others :	

Symbol 2 : Dominant Degree of Decomposition / Textural Class (0–50, 50-100, 100–150 cm)	
O	Organic
H	Heavy Clay
C	Clay and Sandy Clay
T	Silty Clay
M	Sandy Clay Loam
N	Loam
L	Clay Loam
I	Silty Clay Loam, Silt, Silt Loam
A	Sandy Loam
S	Loamy Sand, Sand
Subscript For Textural Classes	
c	Coarse Sand
m	Medium Sand
f	Fine Sand
i	Fibric Soil Material (*for Organic)
e	Hemic Soil Material (*for Organic)
a	Sapric Soil Material (*for Organic)

Symbol 3 : Soil Depth, Nature of Subtratum		
Depth	**Nature of Subtratum**	
Free Text Soil Depth (cm)	**RC**	Riverine clay
	RS	Riverine sandy
	MC	Marine clay
	MCS	Marine clay sulfidic/sulfuric
	MS	Marine sand
	MSC	Marine sand calcareous
	LR	Limestone residuum

Symbol 4 : Subtratum Colour	
Subtratum Colour	
b	Brown
g	Grey

Symbol 5 : Drainage Class	
0	Very Poorly drained
1	Somewhat Very Poor drained
2	Poorly drained
3	Somewhat Poorly drained
4	Imperfectly drained
5	Somewhat imperfectly drained
6	Moderately Well drained
7	Well drained
8	Somewhat Excessive drained
9	Excessively drained

Symbol 6 : Pedological Feature	
Depth	
1	0 – 25 cm
2	25 – 50 cm
3	50 – 75 cm
4	75 – 100 cm
5	100 – 125 cm
6	> 125 cm

Type		**Symbol**
A	Saprolite	A
B	Buried Horizon	B
F	Sulfidic Horizon	F
T	Sulfuric Horizon	T
Br	Bedrock	Br
Cp	Compacted layer (parent material)	Cp
Tr	Terric horizon	Tr
Wd	Woodiness	Wd

Symbol 7 : Slope Class	
C1	Level or nearly level (0 -2^0)
C2	Undulating (2 – 6^0)
C3	Rolling (6 – 12^0)
C4	Hilly (12 – 20^0)
C5	Very Hilly (20 - 25^0)
C6	Steep (25 – 30^0)
C7	Very Steep (>30^0)

Symbol 8 : Soil Series
Keys To Identification of Soil Series in Peninsular Malaysia

EXAMPLE: $\frac{\text{O – Oe , Af , Mf – 52 , MCS – b}}{\text{0 – 2Tr – C1 – Bki}}$

SOIL SURVEY AND EVALUATION STAFF
DEPARTMENT OF AGRICULTURE, REVISED 2024