

Soil Survey Laboratory Methods Manual, SSIR #42, Version 4.0
November, 2004
Errata

01/16/2007: Replace pages 443 and 444, MINERALOGY CODES, with the following.

SOIL SURVEY LABORATORY
CODES FOR MINERALS, MINERALOIDS, AND ROCKS

Resistant Minerals

AE = Anatase	MD = Resistant Mineraloids
AN = Andalusite	MG = Magnetite
BY = Beryl	MH = Maghemite
CD = Chalcedony (Chert, Flint, Jasper, Agate, Onyx)	MZ = Monazite
CE = Cobalite	OP = Opaques
CH = Cliachite (Bauxite)	OR = Other Resistant Minerals
CN = Corundum	PO = Plant Opal
CR = Cristobalite	PN = Pollen
CT = Cassiterite	QC = Clay-Coated Quartz
DI = Diatoms	QI = Iron-Coated Quartz
FE = Iron Oxides (Goethite, Magnetite, Hematite, Limonite)	QZ = Quartz
GD = Gold	RA = Resistant Aggregates
GE = Goethite	RE = Resistant Minerals
GI = Gibbsite	RU = Rutile
GN = Garnet	SA = Siliceous Aggregates
HE = Hematite	SL = Sillimanite
HS = Hydroxy-Interlayerd Smectite	SN = Spinel
HV = Hydroxy-Interlayered Vermiculite	SO = Staurolite
KK = Kaolinite	SP = Sphene
KY = Kyanite	SS = Sponge Spicule
LE = Lepidocrocite	TD = Tridymite
LM = Limonite	TM = Tourmaline
LU = Leucoxene	TP = Topaz
	ZR = Zircon

Weatherable Minerals

AC = Actinolite	CB = Carbonate Aggregates ¹
AF = Arfvedsonite	CC = Coal
AG = Antigorite	CL = Chlorite
AH = Anthophyllite	CM = Chlorite-Mica
AI = Aegerine-Augite	CO = Collophane
AL = Allophane	CY = Chrysotile
AM = Amphibole	CZ = Clinozoisite
AO = Aragonite ¹	DL = Dolomite
AP = Apatite	DP = Diopside
AR = Weatherable Aggregates	DU = Dumortierite
AU = Augite	EN = Enstatite
AY = Anhydrite ¹	EP = Epidote
BA = Barite	FA = Andesite
BC = Biotite-Chlorite	FB = Albite
BE = Boehmite	FC = Microcline
BG = Basic Glass	FD = Feldspar
BK = Brookite	FF = Foraminifera
BR = Brucite	FG = Glass-Coated Feldspar
BT = Biotite	FH = Anorthoclase
BZ = Bronzite	FK = Potassium Feldspar
CA = Calcite ¹	FL = Labradorite

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FM = Ferromagnesium Mineral	NJ = Natrojarosite
FN = Anorthite	NX = Non-Crystalline
FO = Oligoclase	OG = Glass-Coated Opaque
FP = Plagioclase Feldspar	OV = Olivine
FR = Orthoclase	OW = Other Weatherable Minerals
FS = Sanidine	PA = Palagonite
FU = Fluorite ¹	PD = Piemontite
FZ = Feldspathoids	PG = Palygorskite
GA = Glass Aggregates	PI = Pyrite
GC = Glass-Coated Grain	PJ = Plumbjarosite
GG = Galena	PK = Perovskite
GL = Glauconite	PL = Phlogopite
GM = Glassy Materials	PM = pumice
GO = Glaucothane	PR = Pyroxene
GS = Glass	PU = Pyrolusite
GY = Gypsum ¹	PY = Pyrophyllite
HA = Halite ¹	QG = Glass-Coated Quartz
HB = Hydrobiotite	RB = Riebeckite (Blue Amphibole)
HG = Glass-Coated Hornblende	RO = Rhodochrosite
HN = Hornblende	SC = Scapolite
ID = Iddingsite	SE = Sepiolite
IL = Illite (Hydromuscovite)	SG = Sphalerite
JO = Jarosite	SI = Siderite
KH = Halloysite	SM = Smectite
LA = Lamprobolite	SR = Sericite
LC = Analcime ¹	ST = Stilbite ¹
LI = Leucite	SU = Sulphur
LO = Lepidomelane	TA = Talc
LP = Lepidolite	TE = Tremolite
LT = Lithiophorite	TH = Thenardite ¹
MC = Montmorillonite-Chlorite	VC = Vermiculite-Chlorite
ME = Magnesite ¹	VH = Vermiculite-Hydrobiotite
MI = Mica	VI = Vivianite
ML = Melilite	VM = Vermiculite-Mica
MM = Montmorillonite-Mica	VR = Vermiculite
MR = Marcasite	WE = Weatherable Mineral
MS = Muscovite	WV = Wavellite
MT = Montmorillonite	ZE = Zeolite ¹
MV = Montmorillonite-Vermiculite	ZO = Zoisite
NE = Nepheline	

