

Conversion for USFS Landtype Phases

For brevity, slope phases have been left off. I have not mapped or observed units in red.

<u>USFS Symbol</u>	<u>Series or concept</u>
1	Aquepts, rubbly/Bugcreek
3	Vermilion moraine deposits, sandy and loamy
4	Greenwood, wet (stunted spruce)
5	Quetico
7	Babbitt/Brimson
13	Rollins (eskers)
14	Rollins (Rainy and Superior skeletal outwash)
16	MWD Sandy Rainy outwash (Friendship)
17	MWD (A slope) and WD stratified co-ly glaciofluvial sediments
18	Wahlsten (A slope) and Conic (B,C,D slopes), Mesaba-Superior material
21	Insula (Rainy) or Barto (Superior)
23	Medium and fine sand mapped in bedrock-controlled landscape
24	Rifle
26	Rubble Land
28	Sandy Rainy outwash- Graycalm, Grayling, Biwabik
30	Eaglesnest (A slope), Eveleth (B,C,D slopes)
31	Toimi- Drumlins mainly but also mapped in some moraines
32	Cathro, Tacoosh, Merwin
33	Beargrease

<u>USFS Symbol</u>	<u>Series or concept</u>
34	SPD sandy Rainy outwash- Meehan
35	Hibbing
38	SPD Deep loamy Superior till
40	WD Superior outwash with 20-40" mantle- Aldenlake
42	Buhl
43	McQuade
44	WD/SXD Sandy Superior outwash (What we saw near Babbitt)
46	MWD Sandy Superior outwash (MWD 44)
47	PD Rainy till
55	MWD (A slope) and WD deep, loamy Superior till
57	Cloquet (Rainy)
59	Lfs and fs over stratified glaciofluvial sediments
60	WD deep, skeletal Superior till with a 10-20" cap
61	Duluth
62	Dusler
63	WD, 20-40" loamy material over bedrock (Rove formation) Conic??
65	MWD deep, loamy Rainy till mapped in bedrock controlled areas
66	Cloquet (Superior)
67	Shagawa/Beargrease
70	MWD loamy Superior till over skeletal material (till, outwash??)
71	PD deep, loamy Superior till
73	PD sandy Rainy outwash-Roscommon