

PSME
XETE
YETE

USDA - FOREST SERVICE															
SOIL PROFILE AND ENVIRONMENT DESCRIPTION															
1. TYPE OF PROFILE EXPOSURE															
2. SOIL SERIES, TYPE, PHASE		MAP SYMBOL	CLASSIFICATION			DATE	BY	PHOTO NO.	STOP NO.						
						8-28									
3. AREA		FOREST	RANGER DIST	USGS QUADRANGLE	STATE	COUNTY	LOCATION								
Upper Wallace Crk		Lolo	Plains				SE of NW 1/4 SEC. 23T. 25W R. 91N B.M.			+ + + + +					
4. PARENT ROCK		FORMATION NAME	DEPTH TO HARD ROCK	FRACTURING	WEATHERING	ROCK OUTCROP	SURFACE CO. FRAG.								
gtzite, siltite			100+ "	+		5-10 "	35 "			+ + + + +					
5. LANDFORM		SLOPE %	SIMPLE COMPLEX	CONFIGURATION	PLAN	LENGTH	ASPECT	ELEVATION	EROSION	GULLIES	STABILITY				
30-32		40%	<input checked="" type="checkbox"/>	TAN PERP.			WSW	5720			fair				
6. CLIMATIC ZONE (VEG.)		PRECIP.	AV. TEMP.	LITTER TYPE	SOIL TEMP.	INFILTRATION	PERCOLATION	STORAGE	DRAINAGE CLASS	WATER TABLE (FT.)					
PSME XETE YETE					11°C	V. RAP	V. RAP	POOR	WELL						
7. HORIZON	DEPTH	COLOR DRY, MOIST, CRUSHED, MOTTLING		TEXTURE % CLAY % GRAVEL	STRUCTURE	CONSISTENCE DRY, MOIST WET, CEM.	CLAY EILMS	COBBLE STONE BOULDER %VOL.	ROOTS	PORES	PH	BOUNDARY	PERM.	% B.S.	MOISTURE
		DRY	MOIST												
01	0-10 cm	Pine needles		litter		DMW						AS			
ASH B ₁	0-16 cm	10YR 6/4	10YR 4/3	GSIL C-20	VFGR 1	NPNS	DMW	C-5%	VF/M AKUNG		5.5	AW			
ASH B ₂	16-28 cm	7YR 7/3	7YR 5/3	VGL C-40	F5BR 2	NPNS	DMW	C-15%	VF RARE		6.0	AW			
I C	28-49 cm	2.5Y 7/2	10YR 5/3	VGSL C-70	SG	NPNS	DMW	C-15%	∅		6.0	CW			
	49-100 cm	GRAVEL		99% NO SOIL IN	interstices	DMW									
	cm	Epipedon				DMW									
	cm	Diagnostic Horizon(s)				DMW									
	cm	Control Section & Particle Size				DMW									
REMARKS:															
numerous siltite & gtzite outcrops in vicinity non-calcareous															
Family Criteria															
Field Classification															

8. SOIL SERIES, TYPE PHASE		MAP SYMBOL	SLOPE	ASPECT	ELEVATION	DATE	BY	PHOTO NO.	STOP NO.
9. COVER TYPE		MAP SYMBOL	COVER ELEMENTS	SITE TREE MEASUREMENTS		SPECIES	AGE	HEIGHT	SITE
10. SOIL LOSS DETERMINATION DATA IN %		LITTER	BARE GROUND	COARSE FRAGMENTS		VEGETATION BASAL AREA			
11. SPECIES									
TREES %			SHRUBS %	HERBS %		MISCELLANEOUS ELEMENTS			
COMMERCIAL CONIFERS %	NONCOMMERCIAL CONIFERS %	HARDWOODS %		FORBS %	GRASS %				
12. OTHER SOIL CHARACTERISTICS AND QUALITIES					13. OTHER MEASURED DATA AND/OR REMARKS				
a. Effective rooting depth			(INCHES)	a. Inherent Erosion Hazard Rating: + + + = or					
b. Soil erodibility (soil char. only)			+ + + =	b. Yield data					
c. Available Water Holding Capacity			(INCHES)						
d. Hydrologic Soil Group									
e. Susceptibility to compaction									
f. Susceptibility to forming dust									
g. AASHO Classification									
h. Unified Classification									
i. U.S.L.E. "K" estimation									

PSME
PICO

PSME XETZ

ARNV
CARU
SPBE
XETZ
ANRA
SHCA
VAGL

PSME
PICO

ARNV
CARU
SPBE
XETE
ANRA
SHCA
VAGL

ABLA
XETE
VAGL

ASH

USDA - FOREST SERVICE														
SOIL PROFILE AND ENVIRONMENT DESCRIPTION														
1. TYPE OF PROFILE EXPOSURE														
2. SOIL SERIES, TYPE, PHASE		MAP SYMBOL	CLASSIFICATION			DATE	BY	PHOTO NO.	STOP NO.					
						8-28			2					
3. AREA		FOREST	RANGER DIST	USGS QUADRANGLE	STATE	COUNTY		LOCATION						
Siegel Pass		Lolo						SW 9 SW 9						
4. PARENT ROCK		FORMATION NAME	DEPTH TO HARD ROCK	FRACTURING	WEATHERING		ROCK OUTCROP	SURFACE CO. FRAG.						
Siltite			49 cm				5%	< 5						
5. LANDFORM		SLOPE %	SIMPLE	CONFIGURATION	PLAN	LENGTH	ASPECT	ELEVATION	EROSION	GULLIES	STABILITY			
30		45	<input checked="" type="checkbox"/>	TAN			SUN	620						
6. CLIMATIC ZONE (VEG.)		PRECIP.	AV. TEMP.	LITTER TYPE	SOIL TEMP.	INFILTRATION	PERCOLATION	STORAGE	DRAINAGE CLASS		WATER TABLE (FT.)			
ASH VETE VAGL					12°C	V rap	V rap							
7. HORIZON	DEPTH	COLOR		TEXTURE	STRUCTURE	CONSISTENCE	CLAY	COBBLE	ROOTS	PH	BOUNDARY	PERM.	% B.S.	MOISTURE
		DRY	MOIST											
01	2-0 cm	Grass	remains	pine needles							AS			
A ₁	0-8 cm		10YR 3/2	GSIL C-5 G-15	VFGR 1	NPNS		C-5%	V/F ABU		AS			
B ₂₁	8-26 cm		10YR 4/4	GSIL C-5 G-25	VFGR 1	NPNS		C-15%	V/F ABU		CW			
B ₂₂	26-49 cm		10YR 4/4	GSIL C-5 G-45	VFGR 1	NPNS		C-25%	V/F ABU		CI			
R	49+ cm													
	cm	Epipedon												
	cm	Diagnostic Horizon(s)												
	cm													
	cm	Control Section & Particle Size												
Family Criteria											lithic			
Field Classification														

REMARKS: siltite outcrop
flaggy co-frag
no hard carbonils

PICO
PSME
ABLA

XETE
VASC
CARU
JU
CAGE

PICO
PSME
ABLA

XETE
VASC
CARU
JU
CAGE

ABLA
XETE
VAGL

8. SOIL SERIES, TYPE PHASE		MAP SYMBOL	SLOPE %	ASPECT	ELEVATION FT.	DATE	BY	PHOTO NO.	STOP NO.
9. COVER TYPE		MAP SYMBOL	COVER ELEMENTS	SITE TREE MEASUREMENTS		SPECIES	AGE	HEIGHT	SITE
10. SOIL LOSS DETERMINATION DATA IN %		LITTER	BARE GROUND	COARSE FRAGMENTS		VEGETATION BASAL AREA			
11. SPECIES									
TREES %			SHRUBS %	HERBS %		MISCELLANEOUS ELEMENTS			
COMMERCIAL CONIFERS %	NONCOMMERCIAL CONIFERS %	HARDWOODS %		FORBS %	GRASS %				
12. OTHER SOIL CHARACTERISTICS AND QUALITIES					13. OTHER MEASURED DATA AND/OR REMARKS				
a. Effective rooting depth		(INCHES)			a. Inherent Erosion Hazard Rating: + + + = or				
b. Soil erodibility (soil char. only)		+ + + =			b. Yield data				
c. Available Water Holding Capacity		(INCHES)							
d. Hydrologic Soil Group									
e. Susceptibility to compaction									
f. Susceptibility to forming dust									
g. AASHO Classification									
h. Unified Classification									
i. U.S.L.E. "K" estimation									

ABLA XETE VAGL

THPL
OPHD

USDA - FOREST SERVICE															
SOIL PROFILE AND ENVIRONMENT DESCRIPTION															
1. TYPE OF PROFILE EXPOSURE															
2. SOIL SERIES, TYPE, PHASE		MAP SYMBOL		CLASSIFICATION				DATE	BY	PHOTO NO.	STOP NO.				
3. AREA		FOREST		RANGER DIST.	USGS QUADRANGLE	STATE	COUNTY	LOCATION		SEC. T.		R.			
4. PARENT ROCK		FORMATION NAME		DEPTH TO HARD ROCK	FRACTURING	WEATHERING	ROCK OUTCROP	SURFACE CO. FRAG.							
5. LANDFORM		SLOPE %	SIMPLE	CONFIGURATION	PLAN	LENGTH	ASPECT	ELEVATION	EROSION	GULLIES	STABILITY				
6. CLIMATIC ZONE (VEG.)		PRECIP.	IN.	AV. TEMP.	OF.	LITTER TYPE	SOIL TEMP.	INFILTRA-TION	PERCOLA-TION	STORAGE	DRAINAGE CLASS	WATER TABLE (FT.)			
7. HO-RI-ZON	DEPTH	COLOR DRY, MOIST, CRUSHED, MOTTLING		TEXTURE % CLAY % GRAVEL	STRUCTURE	CONSISTENCE DRY, MOIST WET, CEM.	CLAY EILMS	COBBLE STONE BOULDER %VOL.	ROOTS	PORES	DH	BOUND-ARY	PERM.	% B. S.	MOIS-TURE
		DRY	MOIST												
01	0-5					DMW						AS			
	0-6				GR	DMW			VF/C		4.5	AS			
	6-21					DMW		5-10%	VF/F		6.0	AS			
	21-25				SG	DMW		5-10%	φ		5.0	AS			
	25-41					DMW		5-10%	φ		6.0	AS			
	41-92				SG	DMW		5-10%	φ						
	---					DMW									
	cm	Epipedon										REMARKS			
	cm	Diagnostic Horizon(s)													
	cm														
	cm	Control Section & Particle Size													
Family Criteria															
Field Classification															

THPL
ABGR
YAW

THPL
ABGR

CLUN
SPBE
VAGL
SYAL!
LIBO
SMST
VIOR
GATR
STAM
ATFE
HCRU
OPHO

CLUN
SPBE
VAGL
SYAL
LIBO
SMST
VIOR
GATR
STAM
ATFE
HCRU
OPHO

8. SOIL SERIES, TYPE PHASE		MAP SYMBOL	SLOPE	ASPECT	ELEVATION FT.	DATE	BY	PHOTO NO.	STOP NO.
9. COVER TYPE		MAP SYMBOL	COVER ELEMENTS	SITE TREE MEASUREMENTS CURVES		SPECIES	AGE YRS	HEIGHT FT.	SITE
10. SOIL LOSS DETERMINATION DATA IN %		LITTER	BARE GROUND	COARSE FRAGMENTS		VEGETATION BASAL AREA			
THPL OPHO									
11. SPECIES									
TREES %			SHRUBS %	HERBS %		MISCELLANEOUS ELEMENTS			
COMMERCIAL CONIFERS %	NONCOMMERCIAL CONIFERS %	HARDWOODS %		FORBS %	GRASS %				
12. OTHER SOIL CHARACTERISTICS AND QUALITIES					13. OTHER MEASURED DATA AND/OR REMARKS				
a. Effective rooting depth		(INCHES)			a. Inherent Erosion Hazard Rating: + + + = or				
b. Soil erodibility (soil char. only)		+ + + =			b. Yield data				
c. Available Water Holding Capacity		(INCHES)							
d. Hydrologic Soil Group									
e. Susceptibility to compaction									
f. Susceptibility to forming dust									
g. AASHO Classification									
h. Unified Classification									
i. U.S.L.E. "K" estimation									

THPL
CLUN
CLUN

USDA - FOREST SERVICE														
SOIL PROFILE AND ENVIRONMENT DESCRIPTION														
1. TYPE OF PROFILE EXPOSURE														
2. SOIL SERIES, TYPE, PHASE		MAP SYMBOL		CLASSIFICATION				DATE	BY	PHOTO NO.	STOP NO.			
3. AREA		FOREST		RANGER DIST		USGS QUADRANGLE		STATE		COUNTY		LOCATION		
4. PARENT ROCK		FORMATION NAME		DEPTH TO HARD ROCK		FRACTURING		WEATHERING		ROCK OUTCROP		SURFACE CO. FRAG.		
5. LANDFORM		SLOPE %		SIMPLE		CONFIGURATION		PLAN		LENGTH		ASPECT		
6. CLIMATIC ZONE (VEG.)		PRECIP.		AV. TEMP.		LITTER TYPE		SOIL TEMP.		INFILTRATION		PERCOLATION		
7. HORIZON		DEPTH		COLOR		TEXTURE		CONSISTENCE		CLAY		COBBLE		
				DRY, MOIST, CRUSHED, MOTTLING		% CLAY		DRY, MOIST		EILMS		STONE		
				DRY MOIST		% GRAVEL		WET, CEM.		BOULDER		BOULDER		
										ROOTS		PORES		
										PH		BOUNDARY		
										FERM.		% B.S.		
												MOIS- TURE		
0		---						DMW				AS		
A ₂		0-9		10YR6/4 10YR4/3		GR-SLO C-1 G-15		SG NPNS		DMW		C-45% VF/C ABU 4.5 AW		
C ₁		9-31		10YR6/3 10YR4/3		VECOOLS C-1 G-10		SG NPNS		DMW		C-10% VF 5.0 AS		
C ₂		31-49		10YR5/2 2.5Y4/2		FLOS C-1 G-8		SG NPNS		DMW		0 0 6.0 AW		
C ₃		49-70		10YR6/3 10YR4/3		VESLO C-1 G-25%		SG NPNS		DMW		C-15% 0 6.0		
---		---						DMW						
---		---						DMW						
cm		Epipedon		REMARKS:										
cm		Diagnostic Horizon(s)		20' from live stream (Siegel Crk)										
cm		Control Section & Particle Size		slight ash influence in A ₂ - faint traces of bright ash color										
Family Criteria		Alluvial deposits												
Field Classification														

THPL
ABGR
LAOC

CLUN
OPHO -
SMST
LIBO
BERE
GATR

THPL
ABGR
LAOC

CLUN
OPHO -
SMST
LIBO
BERE
GATR

08/28/Year? - Siegel Creek

PSME
SYAL
CARU

USDA - FOREST SERVICE															
SOIL PROFILE AND ENVIRONMENT DESCRIPTION															
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3. AREA			FOREST	RANGER DIST	USGS QUADRANGLE		STATE	COUNTY		LOCATION					
4. PARENT ROCK			FORMATION NAME		DEPTH TO HARD ROCK		FRACTURING		WEATHERING		ROCK OUTCROP		SURFACE CO. FRAG.		
5. LANDFORM		SLOPE %	SIMPLE CONFIGURATION		PLAN	LENGTH	ASPECT	ELEVATION		EROSION		GULLIES		STABILITY	
6. CLIMATIC ZONE (VEG.)		PRECIP.	AV. TEMP.		LITTER TYPE	SOIL TEMP.		INFILTRATION	PERCOLATION	STORAGE		DRAINAGE CLASS		WATER TABLE (FT.)	
7. HORIZON	DEPTH	COLOR		TEXTURE % CLAY % GRAVEL	STRUCTURE	CONSISTENCE DRY, MOIST WET, CEM.	CLAY FILMS	COBBLE STONE BOULDER % VOL.	ROOTS	PORES	PH	BOUNDARY	PERM.	% B.S.	MOISTURE
		DRY, MOIST, CRUSHED, MOTTLING													
	0 - 1-0 cm	pine needles				DMW						AS			
A1	0-9 cm	10YR5/4	10YR3/1	GRLO C-10 G-15	VE SR I	NPNS		C-2%	V F/F COMMON		6.5	AW			
B1	9-31 cm	2.5Y7/3	10YR5/3	GRLO C-15 G-25	FSBK 1-2	SH - SSPS - DMW		C-20%	V F/C RARE		4.5	AS			
B3	31-276 cm	10YR7/2	10YR5/2	VG-L a. 8 G-40	SG	NPNS	DMW	C-10%	Ø		4.5	AS			
C	276-100 cm	10YR6/3	10YR5/3	VG-CO SL C-5 G-45	SG	NPNS	DMW	C-10%	Ø		5.5				
	cm					DMW									
	cm	Epipedon		REMARKS											
	cm	Diagnostic Horizon(s)		argillic		Alluvium & till									
	cm	Control Section & Particle Size													
Family Criteria															
Field Classification															

Slightly
loose
10YR6/3
10YR5/3

PIPO
LAOC
PSME

CARU +
BERE
SYAL +
PHMA -
ANRA
ARUV
HODI -

PSME SYAL CARU

PIPO
LAOC
PSME

CARU +
BERE
SYAL +
PHMA -
ANRA
ARUV
HODI -

PSME
SYAL
CARU

ABLA.
MEFE

USDA - FOREST SERVICE																		
SOIL PROFILE AND ENVIRONMENT DESCRIPTION																		
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3. AREA		FOREST	RANGER DIST	USGS QUADRANGLE	STATE	COUNTY	LOCATION											
PARENT ROCK		FORMATION NAME	DEPTH TO HARD ROCK	FRACTURING	WEATHERING	ROCK OUTCROP	SURFACE CO. FRAG.											
5. LANDFORM		SLOPE %	SIMPLE COMPLEX	CONFIGURATION	PLAN	LENGTH	ASPECT	ELEVATION	EROSION	GULLIES	STABILITY							
6. CLIMATIC ZONE (VEG.)		PRECIP.	AV. TEMP.	LITTER TYPE	SOIL TEMP.	INFILTRATION	PERCOLATION	STORAGE	DRAINAGE CLASS	WATER TABLE (FT.)								
7. HORIZON	DEPTH	COLOR DRY, MOIST, CRUSHED, MOTTLING		TEXTURE & CLAY & GRAVEL	STRUCTURE	CONSISTENCE DRY, MOIST WET, CEM.	CLAY FILMS	COBBLE STONE BOULDER SVOL.	ROOTS	PORES	PH	BOUNDARY	PERM.	% B. S.	MOISTURE			
		DRY	MOIST															
O ₁	0-2 cm	10YR 7/2	10YR 5/2	10YR 7/2	VFSL	DMW						AS						
A ₁	0-3 cm	10YR 7/2	10YR 5/2	10YR 7/2	VFSL	DMW						AS						
A ₂	3-7 cm	10YR 6/2	7.5YR 4/1	10YR 6/2	VFSL	DMW						AS						
B ₁	7-10 cm	10YR 6/2	10YR 5/2	10YR 6/2	VFSL	DMW						AS						
B ₂	10-100 cm	10YR 6/2	8.5YR 2	10YR 6/2	VFSL	DMW						AS						
	cm					DMW												
	cm					DMW												
	cm	Epipedon					REMARKS: "DIKE FLOAT"											
	cm	Diagnostic Horizon(s)					* slumping along road											
	cm																	
	cm	Control Section & Particle Size																
Family Criteria																		
Field Classification																		

ABLA
LAOC
PICO
PIC

MEFE
XETE
ALST
VAGL
VIOR

ABLA
LAOC
PICO
PIC

MEFE
XETE
ALST
VAGL
VIOR

PSME
PHMA
CARU

USDA - FOREST SERVICE														
SOIL PROFILE AND ENVIRONMENT DESCRIPTION														
1. TYPE OF PROFILE EXPOSURE														
2. SOIL SERIES, TYPE, PHASE			MAP SYMBOL		CLASSIFICATION			DATE		BY	PHOTO NO.		STOP NO.	
3. AREA			FOREST		RANGER DIST		USGS QUADRANGLE		STATE		COUNTY		LOCATION	
4. PARENT ROCK			FORMATION NAME		DEPTH TO HARD ROCK		FRACTURING		WEATHERING		ROCK OUTCROP		SURFACE CO. FRAG.	
5. LANDFORM			SLOPE %		SIMPLE COMPLEX		CONFIGURATION		PLAN		LENGTH		ASPECT	
6. CLIMATIC ZONE (VEG.)			PRECIP.		AV. TEMP.		LITTER TYPE		SOIL TEMP.		INFILTRATION		PERCOLATION	
7. NO. RI-ZON			DEPTH		COLOR DRY, MOIST, CRUSHED, MOTTLING		TEXTURE % CLAY % GRAVEL		STRUCTURE		CONSISTENCE DRY, MOIST WET, CEM.		CLAY SILTS	
0			1-0cm		Pine needles, litter						DMW		AS	
A ₁			0-12cm		10YR5/3 10YR3/3		C-2 0-2		VFGR 1		NPNS		DMW 7.0 AS	
C ₁			12-43cm		2.5Y6/2 10YR5/3		GLS C-2 0-15		SG		NPNS		DMW 5% 7.0 AS anomalous pH	
C ₂			43-72cm		2.5Y6/2 10YR5/3		VGLS C-2 0-40		SG		NPNS		DMW 15% 7.0 AS	
C ₃			72-100cm		2.5Y6/2 10YR5/3		VGLS C-2 0-40		SG		NPNS		DMW C-25 7.0	
			cm								DMW			
			cm								DMW			
			cm		Epipedon								REMARKS	
			cm		Diagnostic Horizon(s)								* FRACTURED SILTITE	
			cm		Control Section & Particle Size								gravel in C ₁ & C ₂ is glacial till	
			cm		Family Criteria								noncalcareous	
			cm		Field Classification									

PIPO
PSME

CAGE +
SPBE
ARNV
PHMA +
CARU +
SYAL
AGSP
BASA
BERE

PIPO
PSME

CAGE +
SPBE
ARNV
PHMA +
CARU +
SYAL
AGSP
BASA
BERE

PSME
PHMA
CARU

PSME PHMA CARU

PSME
PHMA
GARU

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3. AREA		FOREST		RANGER DIST		USGS QUADRANGLE		STATE		COUNTY		LOCATION	
lower Wallace Crk		Lolo										NW 1/4 NE 1/4	
4. PARENT ROCK		FORMATION NAME		DEPTH TO HARD ROCK		FRACTURING		WEATHERING		ROCK OUTCROP		SURFACE CO. FRAG.	
hill: gZite siltite				FT.						See below		50	
5. LANDFORM		SLOPE %		CONFIGURATION		PLAN		LENGTH		ASPECT		ELEVATION	
moraine - 31 - outwash		50		TAN PERP.						W		2960	
6. CLIMATIC ZONE (VEG.)		PRECIP.		AV. TEMP.		LITTER TYPE		SOIL TEMP.		INFILTRA-TION		PERCOLA-TION	
Boreal P/MP CAEM		IN.		OF.				20°C		rapid		rapid poor	
7. HORIZON	DEPTH	COLOR		TEXTURE	STRUCTURE	CONSISTENCE	CLAY	COBBLE	ROOTS	PH	BOUND-ARY	PERM.	MOIS-TURE
		DRY, MOIST, CRUSHED, MOTTLING	% CLAY										
o/	3-0 cm	grass, pine needles									AS		
A ₁	0-19 cm	10YR5/2	10YR3/1	VGRL C-5 G-40	VFGR 1	NPNS		C-5	VF/C	6.5	AS		
B ₂	19-88 cm	10YR7/2	10YR5/3	VGRL C-5 G-50	MASSIVE	NPNS		C-15	VF/C RARE	7.0	AW		
C	88-100 cm	7.5YR6/2	7.5YR5/2	VG VFLS C-2 G-50	SG	NPNS		C-15	Ø	7.0			
	cm	Epipedon											
	cm	Diagnostic Horizon(s)											
	cm	Control Section & Particle Size											
Family Criteria													
Field Classification													
REMARKS: Adjacent to lg rock outcrop & talus - this is a lg deposit of glacial till													

PSME
PIPO

CARM
PUTR
HODI
AGSP
PHMA
BERE

PSME
PIPO

CARU
PUTR
HODI
AGSP
PHMA
BERE



PSME
PHMA
PHMA

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3. AREA		FOREST		RANGER DIST	USGS QUADRANGLE	STATE	COUNTY	LOCATION									
4. PARENT ROCK		FORMATION NAME		DEPTH TO HARD ROCK	FRACTURING	WEATHERING	ROCK OUTCROP	SURFACE CO. FRAG.									
5. LANDFORM		SLOPE %	SIMPLE COMPLEX	CONFIGURATION	TAN	PERP.	PLAN	LENGTH	ASPECT	ELEVATION	EROSION	GULLIES	STABILITY				
6. CLIMATIC ZONE (VEG.)		PRECIP.	AV. TEMP.	LITTER TYPE	SOIL TEMP.		INFILTRATION	PERCOLATION	STORAGE	DRAINAGE CLASS	WATER TABLE (FT.)						
7. HORIZON	DEPTH	COLOR		TEXTURE & CLAY % GRAVEL	STRUCTURE	CONSISTENCE	CLAY FILMS	COBBLE STONE BOULDER SVOL.	ROOTS	PORES	PH	BOUNDARY	PERM.	S.S.	MOISTURE		
		DRY	MOIST													DRY, MOIST	WET, CEM.
O ₁	0-0 cm	Pine needles										AW					
A ₂	0-9 cm	10YR 6/2	7.5YR 4/2	SIL C-10% G-25%	VFGR 1	NPNS		Ø	VF/C MOD		7.0	AW		noncalcareous			
B ₂	9-31 cm	7.5YR 6/2	7.5YR 5/2	SIL C-10% G-25%	MSBK 2	NPNS		Ø	VF/C RARE		6.5	AS		"			
C _{CA}	34-100 cm	7.5YR 7/2	7.5YR 5/4	VFSI C-5 G-8	MASSIVE	NPNS		Ø	Ø		8.5			calcareous			
B ₃ CA	31-57 cm	Some everything as in 0-9									8.0	AW		"			
	cm	Eppedon															
	cm	Diagnostic Horizon(s)															
	cm	Control Section & Particle Size															
Family Criteria		REMARKS															
Field Classification		Residual lake Ucla lacustrine deposit - gravel deposits (A till) on sea side - not more than 1-2 ac however may underlie till & talus in area															

PIPO
PSME

SYAL +
PUTR
BERE
PHMA +
CARU

PIPO
PSME

SYAL +
PUTR
BERE
PHMA +
CARU

co-lo, mixed Andic Cryochrepts; lo-sk, mixed Typic Cryochrepts; Medial over lo-sk, mixed, Typic Cryandepts; Medial, Lithic Cryandepts;
 lo-sk, mixed Typic Paleboralfs; lo-sk, mixed, Andic Cryochrepts; lo-sk, mixed, frigid Udic Ustochrepts; co-silty, mixed, frigid Udic Ustochrepts;
 lo-sk, mixed Typic Cryoboralfs Eutroboralfs fi-si fi-lo s-sk fi co-lo v-fi Alfic Ustipsamments Ustorthents Xerochrepts

Haploborolls Andeptic Lithic Cryorthents Entic Cryandepts Entroboralfs

<u>Soil</u>		<u>Classification</u>
Blackburn	Blackburn	co-lo, mixed Andic Cryochrepts
Blackleed	Blackleed	lo-sk, mixed Typic Cryochrepts
Buckhouse	Buckhouse	Medial over lo-sk, mixed, Typic Cryandepts
Coerock	Coerock	Medial, Lithic Cryandepts
Coldcreek	Coldcreek	lo-sk, mixed Typic Paleboralfs
Craddock	Craddock	lo-sk, mixed, Andic Cryochrepts
Drexel	Drexel	lo-sk, mixed, frigid Udic Ustochrepts
Entente	Entente	co-silty, mixed, frigid Udic Ustochrepts
Gambler	Gambler	lo-sk, mixed Typic Cryoboralfs
Greenough	Greenough	fi-si, mixed Typic Eutroboralfs
Half Moon	Half Moon	fi-si, mixed Typic Eutroboralfs
Haugan	Haugan	fi-lo, mixed Typic Eutroboralfs
Holloway	Holloway	lo-sk, mixed, Andic Cryochrepts
Krause	Krause	s-sk, mixed, frigid Andic Ustochrepts
McCaffery	McCaffery	Mixed, frigid, Alfic Ustipsamments
Nemote	Nemote	s-sk, mixed, frigid Typic Ustorthents
Nevine	Nevine	lo-sk, mixed, frigid Andic Xerochrepts
Perma	Perma	lo-sk, mixed Typic Haploborolls
Redd	Redd	lo-sk, mixed, frigid Typic Ustochrepts
Savenac	Savenac	fi, mixed, Andeptic Cryoboralfs
Sharrott	Sharrott	lo-sk, mixed, frigid Lithic Ustochrepts
Sherlock	Sherlock	lo-sk, mixed Andeptic Cryoboralfs
Tally	Tally	co-lo, mixed Typic Haploborolls
Tarkio	Tarkio	v-fi, mixed Typic Eutroboralfs
Tamely	Tamely	s-sk, mixed Alfic Andeptic Cryorthents
Truefissure	Truefissure	Medial over lo-sk, mixed Entic Cryandepts
Winkler	Winkler	lo-sk, mixed, frigid Udic Ustochrepts
Wishard	Wishard	lo-sk, mixed, Aquic Cryoborolls
Yourame	Yourame	lo-sk, mixed Typic Entroboralfs