

Florence Dune Sheet, Oregon

UTM Sector and Datum (xx/yr), Northing, Easting, Estimated Error (EPE +-m), DEM Altitude (Alt m MSL).

Exposure Type: Active (AC), Trench (TR), Auger (AU), Road Cut (RC), Creek Cut (CC), Sea Cliff (SC), Slope (SL).

Units: Age: Tertiary (T), Pleistocene (P), Holocene (H), Wave-cut Platform (W); Parent Material; Soil Horizon

Parent Material: Eolian Dune (D), Loess (L), Colluvium (U), Peat (P), Alluvial/Fluvial (V), Lagoonal/Estuary (N), Beach Shoreface (S), Basal Conglomerate (M).

Note: Loess (L) is designated where it overlies bedrock, colluvium, or pre-existing Bw/Bt horizons.

Soil Horizon: Organic (A), Leached (E), Accumulation (B), Fe+3 Accumulation (Bw), Incipient Clay Accumulation (Btj), Clay Accumulation (Bt), Humate Accumulation (Bh), Calcrete (Bk), Silcrete (Bq), Reduced Glade Layer (Bg), Subsoil Calcrete (K), Dune Parent (C), Oxidized Parent (Cox).

Subsurface depth (cm); Dominant Grain Size: Silt, Sand, Pebbles, Cobbles (default is sand)

Sand sizes (Coarse U/L, Medium U/L, Fine U/L, VeryFine U/L)

Bedding: Cross Beds (XB, dipxx), Planar Beds (PB), Fluidization (FL), Heavy Mineral Laminae (HM)

Munsell Maximum Color (field condition: moist)

Penetrometer: (P. kg/square cm) unconfined compressive strength.

Structure: loose, very weak blocky, weak blocky, strong blocky, columnar/prismatic.

Diagenesis: Fe-ortstein, Fe-humate, allophane, gibbsite, calcrete, silcrete

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR1a	N10/83	4888720	410460	17	21	2020	SC

Site Notes: This site is 500 m north of Hobbit trail at Heceta Head.

RC Sample from base of Holocene dunes (HDA1070 cm).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDA	0-15						
HDC	15-1065		XB			Loose	
HDA	1065-1085					Loose	
HDC	1085-1385					Loose	
PDA	1385-1440					Loose	
PDBw	1440-1680	FU				4 Strong Blocky	
PDBg	1680-1780					Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR1b	10N/1983	4882010	411450	20	22	11/1/96	RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR2	10N/1983	4880330	412350	20	83	11/1/96	RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR3	10N/1983	4880200	412650	20	21	11/1/96	RC

Site Notes: Eastern edge of Pleistocene dune cover.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR4	10N/1983	4879510	413100	15	15	11/1/96	RC

Site Notes: Eastern edge of Pleistocene dune cover.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
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FLOR5	10N/1983	4878370	412800	15	21	11/1/96	RC
Site Notes: Eastern edge of Pleistocene dunes.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR6	10N/1983	4877280	414120	10	51	12/9/96	RC
Site Notes: This site is on the SE side of Mercer Lake (TL Sample ME1 taken at 2.5 m depth in section). Topsoil preserved upslope of road cut, silty cap measured 5/12/02.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LBw	0-40	Silt				2 Very Weak B.	
PDBtj	40-70	FL		10YR3/3		4.5 Columnar	
PDCox	70-210	FU		2.5Y5/4		4.5	gibbsite
PDC	210-470	FU		2.5Y5/3		4.5	gibbsite

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR7	10N/1983	4876900	414200	20	136	12/9/96	RC
Site Notes: Eastern edge of Pleistocene dunes.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR8	10N/1983	4876600	409530	10	20	12/3/96	RC
Site Notes: This site is near Heceta Beach (HB2).							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDCox	0-250	FU		2.5Y5/3			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR9	10N/1983	4875670	410200	10	26	12/13/96	AU
Site Notes: (HB1) near Heceta Beach.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDCox	0-15	FL		10YR4/1		Loose	
HDCox	15-150	FL		2.5Y5/3			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR10	10N/1983	4873470	413320	28	12/13/96	RC	
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR11	10N/1983	4872800	409950	10	11	11/1/98	SC
Site Notes: North Coast Gaurd Station (TL Sample CG-2 taken at 6.0 m in section). TL taken 20 m south in HD (Holocene dune sand) above latest-Pleistocene (PDA) contact.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-700			2.5Y6/3		0.5 Loose	
LBw	700-730			10YR4/1		1 Very Weak B.	
PDBw	730-800		Truncated	10YR5/3		2.5 Weak Blocky	
PDCox	800-900			10YR8/3			
PDBg	900-920			10YR5/2		Very Weak B.	
PDCox	920-950			10YR7/4			
PDBtj	950-1000			10YR5/3		Weak Blocky	
PDCox	1000-1100			10YR7/3			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR12	10N/1983	4872750	409950	10	10	12/1/96	BC

Site Notes: CG-1 South Coast Gaurd Station site is north of stairs to boatshed (Radiocarbon Sample, TL Sample). Radiocarbon sample taken from standing stump, rooted in HP at 10.0 m depth, and buried by Holocene dunes. TL sample is from PDBtj deposits, exposure is located couple 10's meters north of C14 dated stump. TL sample was taken at 9.0 m depth in the section.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDC	0-1000	FU				0.5 Loose	
HP	1000-1050	FU					
LBW	1050-1075	Silt					
PDBtj	1075-1130	FU		7.5YR3/3	3.75	Weak Blocky	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR13	10N/1983	4872550	413090		10	20 (2/2/02)	RC

Site Notes: MS1 south of Munsel Lake area (TL Sample).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDA	0-5					0.5 Loose	
HDBw	5-25	FL		10YR5/6		1.5 Very Weak B.	
HDCox	25-490	FL		2.5Y6/3		1 Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR14	10N/1983	4871160	413140		20	11 11/1/96	RC

Site Notes: East edge of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR15	10N/1983	4871170	413340		20	7 11/1/96	RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR16	10N/83	4869770	408650		5	6 8/16/02	AU

Site Notes: This site is located on the western edge of the Goose Pasture dike trail deflation plain.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDA	0-5						
HDC	5-150	ML				0.25 Loose	FeOx@ roots

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR17	10N/83	4869530	409320		5	7 8/16/02	SL

Site Notes: This site is located at the eastern edge of the Goose Pasture dike-trail deflation plain.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HD	0-150	FU				0 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR18	N10/83	4868510	410440		7	22 9/4/01	SL

Site Notes: Paleosol with cultural artifacts, being buried under large active dunes just south of the Siuslaw River.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDCox	0-100	FU				0 Loose	
HDBw	100-130			10YR 7/8		1.75 Loose	
HDCox	130-160	FU		2.5Y 8/8		1.5 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR19	10N/83	4867910	408310		5	7 3/6/03	SC

Site Notes: This site is at the base if a wave-cut face in the foredune at the Goose Pasture beach access.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HD	0-500	ML				0.25 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR20	10N/83	4867830	410380		10	59	3/6/03 SL

Site Notes: This site contains a young Holocene section exposed in a parabolic deflation trough.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HD	0-100	FU				0 Loose	
HDA	100-105					0.5 Loose	
HDBw	105-120			7.5YR5/6		0.75 Very Weak B.	
HDCox	120-170	FU				0.5	
HDC	170-200						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR21	10N/83	4867700	410580		12	39	8/16/02 SL/AU

Site Notes: This site is located on the east side of the lake, near the totem pole.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
PDA	0-5						
PDBw	5-35		Truncated			3.5 Weak Blocky	
PDCox	35-150	FU				2 Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR22	10N/83	4867680	410480		20	35	8/16/02 SL

Site Notes: This site is located on the west side of the correction camp lake, at the base of the dune slip face.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HD	0-10000					0 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR23	10N/1983	4867450	408650		10	6	11/1/98 AU

Site Notes: GP1 vibracore site (RC sample taken from auger flight at 9 m depth)

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDC	0-30	FU				Loose	
HDC	30-180	FU	XB			Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR24	10N/1983	4867450	409450		10	20	11/1/98 AU

Site Notes: GP2 vibracore site.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDC	0-30	ML				Loose	
HDC	30-50	ML	F.sets			Loose	
HDC	50-75	ML				Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR25	10N/1983	4867580	408460		10	6	5/16/00 AU

Site Notes: GP4 ODOT Drill Rig site. RC samples taken from beach shell-fragments (transgressive basal lag) at 8 and 11 m depths.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
Road Fill	0-55						
HDC	55-700	FU					
HS	700-1055	CL, Shell					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR26	10N/1983	4867420	409360		10	13	5/15/00 AU

Site Notes: GP3B Geoprobe site.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
HDC	0-975	FU					
DBg	975-1025	FU					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR27	10N/1983	4866850	412950		20	119	12/1/96 RC

Site Notes: Eastern edge of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR28a	10N/83	4864990	414100		10	100	8/22/02 RC

Site Notes: This ridge site (drainage divide) is located about 300 m east of the North Woahink TL site at FLOR28b.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LA	0-10	Silt					
LBw	10-50	Silt		10YR3/3		2 Weak Blocky	
LC	50-60	Silt					
TBw	60-120			10YR4/4		4 Strong Blocky	
T	120-200	Mudstone					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR28b	10N/1983	4864850	413990		20	86	5/12/02 RC

Site Notes: East of north Woahink Lake (TL Sample NW1 taken at 2.0 m depth in section).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LA	0-10	Silt				0.5 Very Weak B.	
LBw	10-30	Silt		10YR5/8		1.75 Very Weak B.	
PDBtj	30-60	VFL		7.5YR3/2		3.5 Weak Blocky	
PDBw	60-70	FL		10YR5/4		2.75 Very Weak B.	
PDCox	70-275	FU		10YR7/3		2	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR29	10N/1983	4864710	414550		20	140	12/1/96 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR30	10N/1983	4863770	408490		10	8	11/1/98 AU

Site Notes: SD3 vibracore site.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-130	FU				Loose	
HDC	130-165	FU	F.sets			Loose	
HDC	165-185	FU				Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR31	10N/1983	4862800	413500		20	60	12/1/96 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR32	10N/1983	4862750	413170		20	15	12/1/96 RC

Site Notes: East edge of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR33	10N/1983	4862300	409950		10	55	10/8/95 AU

Site Notes: TI-4 This locality is in the bottom of a deflation gully of a modern, large parabolic dune.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
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HDC	0-100	FU		2.5Y6/3		Loose	
PDBtj	100-105	VFL		10YR5/3		Very Weak B.	
PDBw	105-150	FL		10YR6/6		Very Weak B.	
PDCox	150-200	FU		10YR7/4		Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR34	10N/1983	4862200	409430		10	25	10/8/95 AU

Site Notes: TI-2 Pleistocene paleosol locally exposed by deflation north-east of Tree Island#1.

TL Sample TI-2 taken at 2.5 m depth.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-50					Loose	
PDBw	50-78		Truncated	7.5YR3/4	2.75	Very Weak B.	
PDCox	78-170					Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR35	10N/1983	4862150	409400		20	26	10/8/95 AU

Site Notes: TI-1 Paleosol exposed by deflation adjacent to north side of Tree Island 1 (RC Sample @ 0.05 m depth)

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PDA	0-5					Very Weak B.	
PDBw	5-60	FU		7.5YR3/4	2.75	Very Weak B.	
PDCox	60-100	FU				Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR36	10N/1983	4862100	410080		10	60	10/8/95 AU

Site Notes: TI-3 Site on southern flank of highest dune hill (east of Tree Island 1 (RC Sample).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDA	0-2			2.5Y5/2		0.5 Loose	
HDCox	2-50	FU		2.5Y6/3		Loose	
HDC	50-100	FU					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR37	10N/1983	4861900	409600		10	26	10/7/95 AU

Site Notes: TI-10

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDCox	0-25	FU		2.5Y7/3		Loose	
HDBw	25-50	FU		10YR7/3		Loose	
HDCox	50-110	FU		2.5Y6/4		Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR38	10N/1983	4861600	407700		20	10	107/95 AU

Site Notes: Foredune site.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-200	FU		2.5Y6/3		Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR39	10N/1983	4861600	408100		10	6	10/7/95 AU

Site Notes: Deflation Plain site

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-200	FU		2.5Y5/3		Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR40	10N/1983	4860910	408420		10	9	11/01/98 AU

Site Notes: SD2 vibracore site (TL Sample SD2 taken at 1.8 m depth).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-110	FU				Loose	

HDC	110-190	FU	XB			Loose	
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR41	10N/1983	4860800	407750	10	5	11/01/98	AU
Site Notes: SD1 vibracore site (TL Sample SD1 taken at 2.4 m depth).							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-35	FU					
HDC	35-115	FU	XB				
HDC	115-135	FU					
HDC	135-247	FU	XB				
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR42	10N/1983	4860770	411110	10	23	11/23/96	RC
Site Notes: NB2 in North Beach.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PDBtj	0-50	VFL		10YR4/3			
PDCox	50-250	FU		2.5Y5/4			
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR43	10N/1983	4860750	411100	20	19	12/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR44	10N/1983	4859340	410470	20	8	12/1/96	RC
Site Notes: Eastern extent of dunes (west of Siltcoos Lake outlet).							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR45	10N/1983	4858710	409100	13	45	7/23/01	RC
Site Notes: This site is bottomed by bedrock (possibly Tyee Fm) east side of US101 south of Siltcoos River.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LA	0-10	Silt					
LBw	10-70	Silt				Very Weak B.	
PDC	70-90	VFL				Very Weak B.	
PDBtj	90-130	FL		7.5YR/46	4.5	Strong Blocky	Fe-ortstein
PDC	135-175	FU		2.5Y6/6	4		Fe-ortstein
T	175-180						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR46	10N/1983	4856700	409400	20	68	11/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR47	10N/1983	4856200	409830	10	55	12/5/96	AU
Site Notes: CL1 Site is 0.25 km east of US101.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PDBtj	0-35	VFU	Truncated	10YR4/3		Weak Blocky	
PDBw	35-110	VFU		10YR4/3		Very Weak B.	
PDCox	110-230	FU		2.5Y5/4		Very Weak B.	
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure

FLOR48	10N/1983	4855520	408910	20	90	11/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR49	10N/1983	4854100	408220	20	75	11/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR50	10N/1983	4853640	407810	10	90	12/5/96	AU

Site Notes: Sample LL1 in early logs.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PDA	0-5	FL		10YR7/1			
PDBw	5-25	FU		10YR4/2			
PDCox	25-90	FU		2.5Yr5/4			
PDC	90-510	FU		2.5Y5/3			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR51	10N/1983	4852740	407950		89	11/1/96	RC

Site Notes: Easternmost edge of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR52	10N/1983	4852630	407970	20	110	11/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR53	10N/1983	4851000	407330		26	11/1/96	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
T							

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR54	10N/1983	4844560	407070	6	50	2/2/02	RC

Site Notes: This site is on a ridge top (no possible coluvium source)(RC sample in lower loess at 220 cm depth).

This ridge site is east of the TL site (SP1 see FLOR)

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LA	0-30	Silt				0.5 Loose	
LBw	30-40	Silt		10YR6/6		1.5 Very Weak B.	
LC	40-130	Silt				1 Loose	
LBw	130-150	Silt		10YR6/8		2.75 Very Weak B.	
LC	150-270	Silt				2 Very Weak B.	
PDBtj	270-300	FL		7.5YR3/4		4 Weak Blocky	
PDBw	300-350	FU		10YR7/8		2.75 Very Weak B.	
PDCox	350-600	FU				2.5 Very Weak B.	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
FLOR55	10N/1983	4844400	407300		30	11/1/96	RC

Site Notes: Easternmost edge (veneer) of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
PD	1-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
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FLOR56 10N/1983 4844150 406080 10 50 2/2/02 RC

Site Notes: This site is located on a ridge flank (TL Sample SP1 taken at 3.9 m).

There is evidence of loess colluvium above the PDBtj horizon. TL sample from XB dunes at base of exosed section.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure	Diagenesis
LBw	0-70	Silt		10YR5/3	0.5	Very Weak B.	
PDBtj	70-275	VFL		10YR4/4	3.5	Weak Blocky	
PDBw	275-310	FU	Truncated	10YR4/4	3	Very Weak B.	
PDCox	310-400	FU	XBdipNE	2.5Y5/4	2.5	Very Weak B.	gibbsite