

Bandnon 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 (Bs),

Humate Cementation (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)

Munsel 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
BAND1	N10/83	4790980	388290		10	50	5/27/01 RC

Site Notes: This site is at a roadcut on Seven Devils Road just south of Two mile Creek.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-10	Silt				1.25 Very Weak B.	
PDBw	10-50	FU		7.5YR4/3		3 Very Weak B.	
PDCox	50-100	ML				2 Very Weak B.	
PDC	100-200	ML		2.5Y7/6			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND2	N10/83	4790730	388460		7	86	12/16/01 RC

Site Notes: Site is west of cranberry bog development south of Two Mile Creek on Seven Devils Road.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-18					Very Weak B.	
PDBw	18-58	FU		5YR4/6		2 Weak Blocky	
PDCox	58-72	FU				1.5 Very Weak B.	
PDBg	72-112		Truncated			4 Very Weak B.	
PDCox	112-192			2.5Y6/6			Fe-ortstein
PV	192-282	MU-Pebbles				4.5	
T	282-382						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND3	N10/83	4790310	388250		13	72	12/16/01 RC

Site Notes: Site is located 200 m north of Three Mile Creek (Agate Beach Trail) crossing on Seven Devils Road.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-40	Silt				1 Very Weak B.	
PDBw	40-65	FU		7.5YR5/8		4 Weak Blocky	
PDCox	65-150	ML		2.5Y5/6		4.5 Very Weak B.	
T	150-275						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND4	N10/83	4788880	388153		10	63	12/16/01 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-10						
PDBw	10-50	FU		5YR3/4		2.5 Weak Blocky	

PDCox 50-350 FU Very Weak B.

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND5	N10/83	4788390	390730	11	113	12/15/01	RC

Site Notes: This site is at the North Bend Biodump pit. The section is measured from just south of the pit. The intact top-soil was measured just west of the pit, and the PS (shoreface deposits) are from the pit.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-20						
PDBtj	20-55		Truncated			4 Weak Blocky	
PUCox	55-70					Very Weak B.	
PDC	75-125		XBdipSE			2.5 Very Weak B.	
PSBtj	125-150					4 Columnar	
PSC	150-450		PL			4.5 Columnar	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND6	N10/83	4786210	386610			46 12/15/01	SC

Site Notes: This site is from a sea cliff exposure near Five Mile Point, north of Whiskey Creek.

TL sample (FiveMile) taken at 19 m depth in this profile, corresponds to 11 m depth at BAND9-Golf.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-5					Loose	
HD	5-337	FU		2.5YR5/6	1.25	Loose	
LBw	337-422	Silt				Loose	
PDBw	422-512	FU	XB	10YR5/6		4 Weak Blocky	Fe-ortstein
PDCox	512-622					3 Very Weak B.	
PDBw	622-717					4 Weak Blocky	
PDCox	717-1077	FU				2.5	
PDBw	1077-1107						
PDCox	1107-1367						
PDBg	1367-1389						
PDBw	1389-1474				4.5		
PDCox	1474-1674				4		
PDBg	1674-1679						
PDBw	1679-1714						
PDCox	1714-1834						
PDBg	1834-1839						
PDBw	1839-1849						
PDCox	1849-1979						
PDBw	1979-1989						
PS	1989-2579						
PM	2579-2779						
PW	2779-2780						
T	2780-3630						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND7	10N/1983	4785770	390720		3	109 7/7/02	RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-40	Silt				2.25 Very Weak B.	
PDBw	40-95	ML	F.sets20E	10YR3/6		4.5 Strong Blocky	
PDCox	95-315			2.5YR5/4	3.75		
PDBw	315-335				4		
PDCox	335-370				4		

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND8	10N/1983	4784790	386850		3	36 11/26/00	RC/SC

Site Notes: Holocene section exposed 10-20 m east of sea cliff (RC Sample at 340 cm depth).

This site represents a vertical extension (upsection) of the Pleistocene dune section at Golf (BAND9).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-10					Loose	
HDC	30-Oct					Loose	
HDA	30-35					Loose	
HDC	35-85					Loose	
HDA	85-95					Loose	
HDBw	95-105					Very Weak B.	
HDC	105-305	FU				Loose	
HDA	305-335					Loose	
HDBw	335-350	UF		10YR6/6	0.75	Very Weak B.	
HDC	350-430	ML				Very Weak B.	
LBw	430-455	Silt				Very Weak B.	
PDBw	455-475	FU	Truncated			4 Weak Blocky	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND9	10N/1983	4784640	386810	6	33	12/10/02	SC/AU

Site Notes: Site is at Bandon Golf Course, just south of Wiskey Run Beach access.

(RC Sample 175 cm depth, 250 cm depth, 495 cm depth).

(TL Samples GOLF1/W3126 250 cm depth, GOLF2/W127 895 cm depth, and ~1050 cm depth).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-40	FU	Truncated	5YR3/4		4 Weak Blocky	
PDCox	40-240		XBdipNE			2.75 Very Weak B.	
PDC	240-340			10YR6/3		2.25 Very Weak B.	
PDBg	340-380					3.5	
PDCox	380-480		XBdipNE			2.5	
PDBg	480-495					4.5	
PDCox	495-725						
PDBg	725-785						
PDCox	785-1100						
PS	1100-1300						
PM	1300-1345	Pebbles					
PW	1345-1346						
T	1346-1400						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND10	N10/83	4783430	389180		60	12/16/01	RC

Site Notes: Site is in Pioneer Mine at the Main East Wall of the Pit.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
Disturbed	0-100						
PDCox	100-250	FU				2.5 Very Weak B.	
PDBw	250-280	FU		7.5YR4/6		3.5 Weak Blocky	
PDCox	280-350	FU		2.5Y5/5		2.75 Very Weak B.	
PDBg	350-390						
PDCox	390-600						Fe-ortstein
PDBw	600-620						
PDCox	620-735						Fe-ortstein
PDBw	735-745						
PDCox	745-850						
PDBw	850-875						
PDCox	875-1200						
PDBg	1200-1220						
PDCox	1220-1560						
PDBg	1560-1590						
PDCox	1590-1720				3.5		Fe-ortstein



HDA	0-15					0.5	Loose
HDC	15-215						Loose

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND18	10N/1983	4776930	389330		10	65	9/1/00 RC

Site Notes: Top of Prosper Hill where isolated dune ridges occur over PS terrace deflation surfaces.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-60	ML	Truncated	7.5YR6/8 w7.		4	Weak Blocky
PDCox	60-500						3.5

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND19	10N/1983	4776220	386280		6	14	9/2/00 RC

Site Notes: Site is north of Bandon, within (30 m) of eastern limit of Holocene dunes (see 4776220).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-15						
PDBw	15-80		Truncated	10YR3/4		4	Weak Blocky
PDCox	80-200						4

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND20	10N/1983	4776220	386250		10	15	9/2/00 TR

Site Notes: Eastern limit of Holocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-5						
HDBw	5-20	FU					
LBw	20-35	Silt					
PDBw	35-70	FU					Fe-ortstein

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND21	10N/1983	4774960	385550		10	14	8/10/02 RC/AU

Site Notes: Eastern limit of Holocene dune sheet.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-10						
HDC	10-280	ML				0.5	Loose
PDBw	280-300					3.5	Weak Blocky
PDBw	300-380					4.25	Strong Blocky
PDCox	380-415					4	Strong Blocky
PP	415-520						
PM	520-570	Cobbles	Truncated				

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND22	10N/1983	4774610	383640		5	30	8/31/00 SC

Site Notes: Site is at sea cliff just north of Face Rock.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
Fill	0-10						
LBw	10-45	Silt	Truncated				
PDBtj	45-70	VFL	Truncated	5YR4/6		4	Weak Blocky
PDBw	70-110	FL		7.5YR4/6		4.5	Strong Blocky
PDCox	110-147	FU				4	
PDBw	147-170		Truncated			4	
PDCox	170-205					2	
PDBg	205-220		Truncated				
PDCox	220-370						
PDBg	370-380		Truncated				
PDCox	380-530						
Cover	530-650						

PW 650-651  
T 651-700

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND23	10N/1983	4773900	389910		10	116	9/1/00 RC

Site Notes: Eastern limit of Pleistocene dune cover.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-30	ML		7.5YR7/8 w7.		4.5 Weak Blocky	
T	30-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND24	10N/1983	4773870	389660		7	98	9/1/00 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LA	0-5						
LBw	5-25	Silt				Very Weak B.	
PDBw	25-75	FU	XBdipE	7.5YR5/8		2.5 Very Weak B.	
PDCox	75-575	ML					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND25	10N/1983	4773700	389830		7	113	9/1/00 RC

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

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND26	10N/1983	4773460	384010		8	23	8/31/00 RC

Site Notes: Pleistocene dunes over Bandon terrace.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-35			7.5YR4/6		2.5 Weak Blocky	
PDCox	35-65	ML					
PDBw	65-80						
PDCox	80-230						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND27	10N/1983	4773450	383950		8	23	8/31/00 RC

Site Notes: Eastern limit of Holocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDBw	0-15					2 Very Weak B.	
HDCox	15-60	FU				1.5 Very Weak B.	
PDBw	60-90			7.5YR5/3		2.5 Weak Blocky	
PDCox	90-120	ML				4 Strong Blocky	
PDBw	120-130		Truncated				
PDBg	130-150						
PDCox	150-225	ML					
PDBg	225-240						
PDCox	240-300						Fe-ortstein
PP	300-310						
PM	310-430	pebbles					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND28	10N/1983	4773400	383770		4	23	8/31/00 SL

Site Notes: Holocene dunes, reportedly active in early 1900's.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-10						
HCox	10-510	ML	XBdipE	10YR5/3		1 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND29	10N/1983	4772490	383900		5	22 8/31/00	TR
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-60			10YR5/8			
PDCox	60-80	ML					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND30	10N/1983	4772300	383690		8	15 8/31/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-40					3.25	Very Weak B.
PDCox	40-100	FU					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND31	10N/1983	4771470	389780		5	104 8/10/02	TR
Site Notes: Sillcrete overlies marine terrace (Seven Devils) deposits.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-40	Silt				2.25	
PSBc	40-80					4.5	Columnar
PMBw	80-140					4.5	Strong Blocky

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND32	10N/1983	4771400	389100		5	90 9/1/00	RC
Site Notes: Site is in large reservoir constructed for cranberry production (RC Sample at 650 cm depth). Topsoil (LBw) measured from intact site near northern edge of reservoir.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-20	Silt				2.25	Weak Blocky
PDBw	20-65	FU		7.5YR5/8		3.75	Weak Blocky
PDCox	65-655	FU				3.5	
PDBg	655-755						
PSBtj	755-855						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND33	10N/1983	4771120	389650		7	106 9/1/00	RC/TR
Site Notes: Site is 0.25 km east of Haga's cranberry reservoir (TL Sample HAGA at 150 cm depth). Topsoil was lost from pit/trench construction, see BAND31 for topsoil development above marine terrace.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PSBt	0-40		Truncated	7.5YR5/8		4.5	Strong Blocky
PSBw	40-90					4	Weak Blocky Fe-humates
PSCox	90-280	CU					Fe-ortstein
PM	280-390	Pebbles					
PW	390-391						
T	391-400						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND34	10N/1983	4770050	388950		10	107 9/1/00	RC
Site Notes: Easternmost limit of Pleistocene dunes.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-50						
PDCox	50-90						
PSBtj	90-154						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND35	10N/1983	4770050	389160		7	124 9/1/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PSBq	0-20		Truncated				

PSBtj	20-80	ML		7.5YR3/4		4.5	Columnar
PSCox	80-200						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND36	10N/1983	4769260	383610	10	15	8/31/00	AC

Site Notes: This site at the eastern limit of Holocene dunes north of Bradley Lake, recently active slipface.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDC	0-300	FU				0.5	Loose

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND37	10N/1983	4769240	383670	10	13	8/31/00	RC

Site Notes: This site is in a Pleistocene dune surface located 50 m east of N. Bradley Lake.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
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PDA	0-15						
PDBtj	15-35			5YR6/6 w5YR		4.5	Weak Blocky
PDBw	35-55						
PDCox	55-75	ML					
PDBw	75-80						
PDCox	80-140						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND38	10N/1983	4769200	384620	10	21	8/31/00	RC

Site Notes: Site is located just west of intersection with HW101 and road to Bradley Lake.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
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PDA	0-10						
PDBw	10-55	FU		10YR5/8		4.5	Weak Blocky
PDCox	55-90	ML				2.25	
PDBw	90-100						Fe-ortstein
PDCox	100-400						
PDBw	400-410						
PDCox	410-510		100				

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND39	10N/1983	4767540	386810	9	66	9/1/00	RC

Site Notes: Site is at easternmost extent of Pleistocene dune sheet, i.e., bedrock at surface some 100 m to east.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
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PDA	0-10						
PDBw	10-60	FU		7.5YR4/6		4	Weak Blocky
PSBq	60-80		Truncated			4.5	Strong Blocky
PSBw	80-100						
PSCox	100-230	MU					
TBt	230-255					4.5	Columnar
T	255-305						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND40	10N/1983	4765800	386350	9	60	9/1/00	RC

Site Notes: Pleistocene dune sheet extends 200 m to the east of this site.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
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PDBw	0-40			7.5YR6/8 w7.		4.5	Strong Blocky
PDCox	40-110	FU					
PDBw	110-130						
PDCox	130-230						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND41	10N/1983	4765300	383550	10	16	8/31/00	RC



Site Notes: Easternmost reach of Holocene dunes (active 10 m slip face).

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDC	0-1000	FL				0.5 Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND42	10N/1983	4765250	383600		7	17	8/31/00 RC

Site Notes: Easternmost reach of Holocene dunes (10 m face) is located 30 m to the west.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-30			10YR7/8			
PDCox	30-47						
PDBw	47-77						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND43	10N/1983	4765200	383550		10	15	8/31/00 SL

Site Notes: Eastern extent of Holocene dune sheet.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-10						
HDBw	10-20						
HDCox	20-500						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND44	10N/1983	4762030	385690		6	106	8/30/00 RC

Site Notes: This site is at the maximum elevation and easternmost extent of Pleistocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LA	0-10						
LBw	10-50	Silt					
PDBtj	50-150	FU		5YR3/4		4.5 Weak Blocky	
PDBw	150-200						
PDCox	200-235	FU					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND45	10N/1983	4762030	385290		7	53	8/30/00 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-30		Truncated	7.5YR4/6		4.5 Stong Blocky	
PDCox	30-60					1.5	
PDBw	60-80					2.25	
PDCox	80-230					1.25	
PDBw	230-260						
PDCox	260-480	ML	XBdipSE	2.5YR6/6		1	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND46	10N/1983	4762730	382410		4	10	8/31/00 SL

Site Notes: Maximum eastward extent of Holocene dunes at Fourmile Rd.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-10						
HDCox	10-60					0.5	
HDC	60-610						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND47	10N/1983	4762470	384630		5	22	8/31/00 RC

Site Notes: Quarry site on Fourmile Road (TL Sample 477109 at 625 cm depth).

A truncated paleosol (410 cm depth) shows remnant peds with Btj/Bw largely missing.

Complete truncation of this key horizon occurs within the outcrop.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-10						

PDBw	10-55			10YR4/6			
PDCox	55-75	ML					
PDBw	75-85						
PDCox	85-165						
PDA	165-170						
PDE	170-175						
PDBw	175-185						
PDCox	185-235						
PDBw	235-260						
PDCox	260-410						
PDBw	410-425			10YR4/6			
PDC	425-675			2.5YR6/1			gibbsite
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND48	10N/1983	4761110	381880		8	14 8/31/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDA	0-20						
HDCox	20-200	ML		10YR5/4			
HDBw	200-230			7.5YR3/4		1	
HDCox	230-350	ML					
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND49	10N/1983	4760780	381950		5	11 8/31/00	RC/TR
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-15						
PDBw	15-60			5YR4/4		4 Weak Blocky	Fe-ortstein
PDCox	60-175	ML					
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND50	10YR/1983	4757690	384330		8	98 8/30/00	RC/TR
Site Notes: Eastern limit of Pleistocene dune sand.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-75				peds		
PDBw	75-100			7.5YR4/6			
T	100-150						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND51	10N/1983	4757690	383970		7	45 8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-50					2.25 Weak Blocky	
PDCox	50-187	FU	XBdipSE	7.5YR4/6			
PDBw	187-229						
PDCox	229-459						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND52	10N/1983	4756950	382500		7	19 8/31/00	RC
Site Notes: Cranberry bog developed on Pleistocene dunes.							
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-5						
PDBw	5-43			5YR4/4		3.5 Weak Blocky	
PDCox	43-185	ML					
PDBw	185-205						
PDCox	205-325						
Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure

BAND53	10N/1983	4753410	381890	6	37	8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PSBtj	0-100			7.5YR4/6	4.5	Columnar	
PSBw	100-135	CU					
PMCoX	135-235						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND54	10N/1983	4751810	381330	10	34	8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-40			5YR4/6	4.5	Weak Blocky	
PDCox	40-190	ML	XBdipE				

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND55	10N/1983	4751780	381740	8	83	8/30/00	RC/TR
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PVBw	0-50						
PVCox	50-300						

Site Notes: Gravels are locally reworked (fluvial) from wave cut platform conglomerate.

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND56	10N/1983	4751080	378320	8	13	8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-38			7.5YR4/4	1.25	Very Weak B.	
PDCox	38-188	ML			1		
PDBw	188-211						
PVCox	211-361						
PV	361-561						

Site Notes: Pond-pit exposes thick gravel section underlying thin dune deflation deposits.

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND57	10N/1983	4751050	380030	6	18	8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PVCox	0-200						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND58	10N/1983	4750950	377490	7	14	8/30/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBtj	0-20			5YR6/6 w5YR	4.5	Weak Blocky	
PDBw	20-40						
PDCox	40-290	ML			4.5		

Site Notes: Site is near Floras Lake boat ramp.

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND59	10N/1983	4745440	376060	7	65	8/31/00	RC
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
LBw	0-15	Silt			2	Very Weak B.	
PDBw	15-45	FU			2.5	Very Weak B.	
PDCox	45-110	FU					

Site Notes: Site is at Cape Blanco airport deflation plain.

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND60	10N/1983	4748180	378300	4	13	8/31/00	SL
Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-7						
PDBw	7-48			7.5YR5/4	2.25	Very Weak B.	

PDCox	48-248	ML			2		
PDBW	248-263						
PDCox	263-533						
PDBw	533-568			5YR5/6		4.5	Strong Blocky
PDCox	568-718	ML					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND61	10N/1983	4746740	380480		6	84	8/31/00 RC/TR

Site Notes: Maximum eastward extent of dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-40	ML		7.5YR4/6		Weak Blocky	
PDCox	40-100						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND62	10N/1983	4744660	378930		5	46	8/31/00 RC

Site Notes: East end of Cape Blanco airport road. Pleistocene dunes build in thickness to the east at this site.

Dune ridges are irregular, parabolic pointing NE.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-30			5YR4/6		2 Very Weak B.	
PDCox	30-230	ML				1.25 Very Weak B.	
PDBw	230-280			7.5YR5/6		4.5 Weak Blocky	
PDCox	280-580						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND63	10N/1983	4743650	373480		9	66	8/31/00 RC

Site Notes: This site is in a thin dune hummock on lee side of ridge.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-20						
PDBw	20-58			10YR5/6		1.75 Very Weak B.	
PDCox	58-83	ML					
PMBtj	83-123						
PMCox	123-153						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND64	10N/1983	4742920	379440		5	16	8/31/00 RC

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-20						
PDBw	20-80	FU		10YR5/8 w5Yl		1.75 Very Weak B.	
PDCox	80-250						
UBw	250-270						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND65	10N/1983	4742550	375470		6	56	8/31/00 RC

Site Notes: Site is at west end of Cape Blanco.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-5						
PDBtj	May-50			2.5YR4/6		Weak Blocky	
PMBw	50-65	ML					
PMCox	65-205						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND66	10N/1983	4740480	378810		8	56	8/31/00 RC

Site Notes: Cranberry pit exposure at east end of Cape Blanco Road.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-35			10YR5/6		3.5 Weak Blocky	

PDCox	35-120	ML				1.25	
PDBw	120-135						
PDCox	135-435					0.5	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND67	10N/1983	4736160	377240		10	16	8/31/00 RC

Site Notes: North of Garrison Lake, abundant dune ridge forms.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-31			10YR5/8			
PDCox	31-103	ML					

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND68	10N/1983	4734420	378780		5	85	8/30/00 RC

Site Notes: Eastern limit of dune sand over weathered marine pebbly sand.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDBw	0-10	ML					Very Weak B.
PMBtj	10-60	CU		2.5YR4/8			Strong Blocky

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND69	10N/1983	4734030	378280		5	65	8/30/00 RC/SL

Site Notes: Slope cut exposes dune sand cover over marine terrace shoreface.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-10						
PDBtj	10-30			5YR4/6		2.25	Very Weak B.
PDBw	30-40						
PDCox	40-340	FU					
PSBw	340-370					4	Weak Blocky
PSCox	370-870						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND70	10N/1983	4735050	378260		7	86	8/30/00 RC

Site Notes: At this site an old Pleistocene dune (?) veneer appears to overlie marine terrace shoreface deposits.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
PDA	0-10						
PDBtj	10-30		Truncated	7.5YR4/6		4.5	Weak Blocky
PDBw	30-40	FU					
PDCox	40-70		Clastic dikes				
PSBw	70-90						
PSCox	90-390		Convolute	2.5YR4/4			

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
BAND71	10N/1983	4733130	378000		4	26	8/30/00 SL/SC

Site Notes: Marine terrace site at Port Orford turnout--trail to Battle Rock Beach.

Holocene dune cover is very thin--very localized, not a significant ramp.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm <sup>2</sup>	Structure	Diagenesis
HDCox	0-50	FU				1	Loose
PDBw	50-110		Truncated	7.5YR4/6		4.5	Strong Blocky
PDCox	110-235	ML				3.75	
PS	235-335					4.5	Weak Blocky