Ten Mile Dune Sheet, California
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
TENM1	10S/83	4377620	434510	4	23	6/30/02	AC

Site Notes: This site is located near the northern end of the Tenmile dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDC	0-150	ML		5Y6/2	0	Loose	

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
TENM2	10S/83	4377550	434650	5	29	6/30/02	RC

Site Notes: This site is at the northeastern backedge of very-thin Pleistocene dunes over Pleistocene shoreface.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
LBw	0-10	Silt			1.5	Very Weak B.	
PDBW	10-45	FU		10YR5/6	4.5	Weak Blocky	
PDCox	45-150	FU		10YR6/6	3.75		
PSE	150-175			10YR8/3	4.5		
PSBw	175-200	CL		10YR5/8	4.5	Strong Blocky	
PM	200-220	Pebbles					
PW	220-221						
T	221-300						

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date	Exposure
TENM3	10S/83	4373670	434270	10	27	6/30/02	RC

Site Notes: This site is located near the south end of the Tenmile dunes, i.e. backedge of old Holocene dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm^2	Structure	Diagenesis
HDA	0-20				0		
HDBw	20-35			10YR6/6	1		
HDCox	35-50				0.5		
PDBw	50-85			10YR5/6	3.5		
PDCox	85-150				4		
TBt	150-200						