

A. Nueva 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), S
 Units: Age: Tertiary (T), Pleistocene (P), Holocene (H), Wave-cut Platform (W); Parent Material; Soil Ho
 Parent Material: Eolian Dune (D), Loess (L), Colluvium (U), Peat (P), Alluvial/Fluvial (V), Lagoonal/Estuar
 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, Very Fine 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
ANON1	10S/1983	4107880	559700	10	10	1/10/00

Site Notes: Basal paleosol exposed in deflation trough between two Holocene parabolic dunes.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure
HDC	0-300	ML				
PDA	300-330	ML	Truncated	5YR4/4		Loose
PDBw	330-380	ML		2.5YR5/4	3.75	Very Weak B.
PDCox	390-420	ML				

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date
ANON2	10S/1983	4107850	560000	5	10	1/10/00

Site Notes: Holocene parabolic dunes (trending SE) reach the downwind terrace edge.

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure
HD	0-500	ML		2.5Y3/3		0 loose

Dune Sheet	Zone/NAD	UTM-N	UTM-E	EPE (m)	Alt (m)	Date
ANON3	10S/1983	4102900	559510	10	6	1/10/00

Units	Depth cm	Grain Size	Bedding	Color	P.kg/cm ²	Structure
HD	0-200	ML	XB	2.5Y7/3		0 Loose
LBw	200-225					Very Weak B.
PDBw	225-250	ML		5YR5/1	3.5	
PDCox	250-320	MU	Truncated	10YR7/6	1.25	
TA	320-350			10YR6/2	3.25	
TBw	350-370			5YR7/6	4.5	
TC	370-500			2.5Y6/3	4	

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Exposure
AC

Diagenesis

Fe-ortstein

Exposure
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