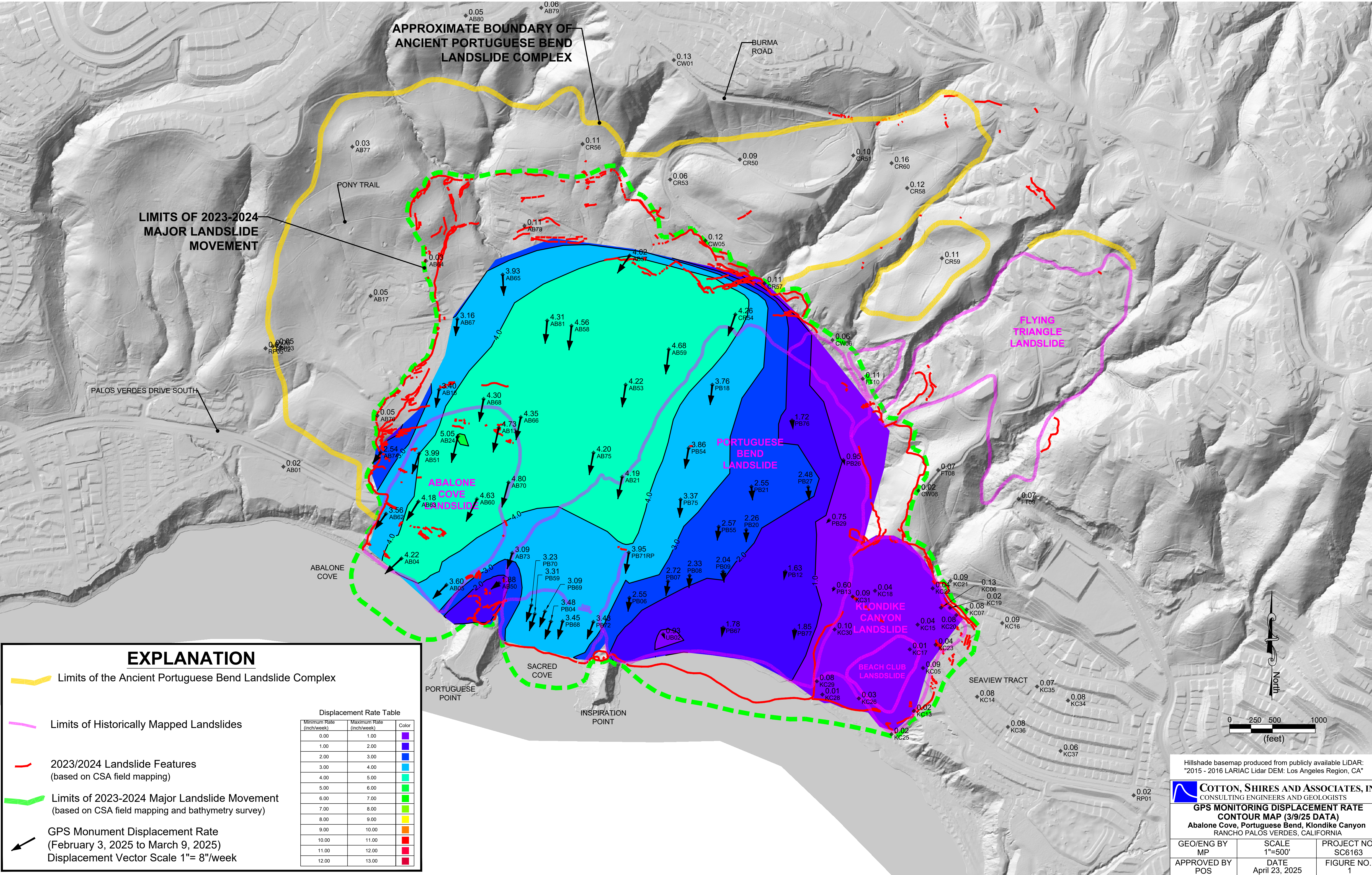




EXPLANATION

Limits of the Ancient Portuguese Bend Landslide Complex

Limits of Historically Mapped Landslides

2023/2024 Landslide Features
(based on CSA field mapping)

Limits of 2023-2024 Major Landslide Movement
(based on CSA field mapping and bathymetry survey)

GPS Monument Displacement Rate
(February 3, 2025 to March 9, 2025)
Displacement Vector Scale 1"= 8"/week

Displacement Rate Table		
Minimum Rate (inch/week)	Maximum Rate (inch/week)	Color
0.00	1.00	Purple
1.00	2.00	Dark Blue
2.00	3.00	Blue
3.00	4.00	Cyan
4.00	5.00	Light Blue
5.00	6.00	Green
6.00	7.00	Light Green
7.00	8.00	Yellow
8.00	9.00	Orange
9.00	10.00	Red
10.00	11.00	Dark Red
11.00	12.00	Magenta
12.00	13.00	Dark Magenta

COTTON, SHIRES AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND GEOLOGISTS

**GPS MONITORING DISPLACEMENT RATE
CONTOUR MAP (3/9/25 DATA)**
Abalone Cove, Portuguese Bend, Klondike Canyon
RANCHO PALOS VERDES, CALIFORNIA

GEO/ENG BY MP	SCALE 1"=500'	PROJECT NO. SC6163
APPROVED BY POS	DATE April 23, 2025	FIGURE NO. 1