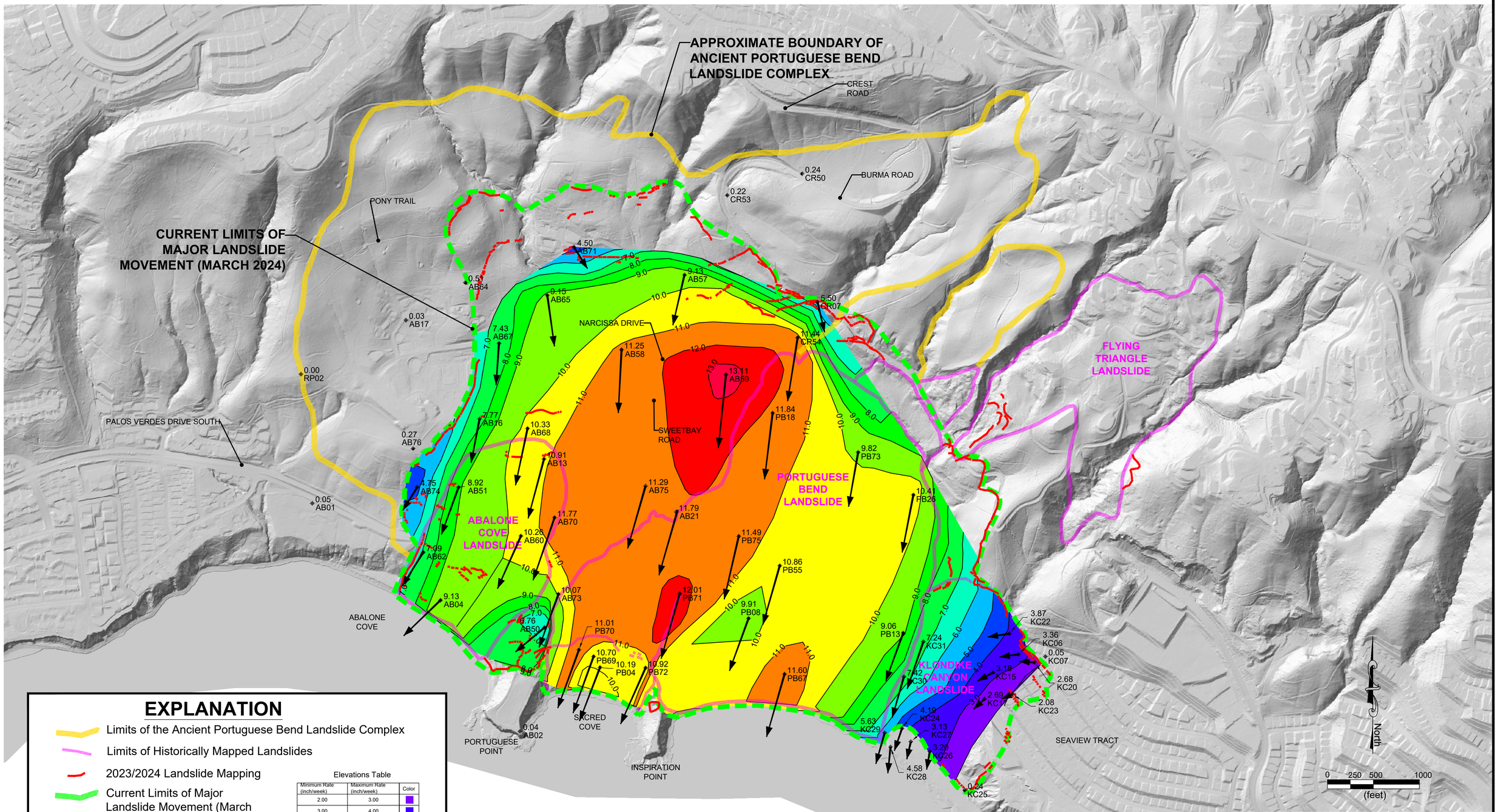

EXPLANATION

- Limits of the Ancient Portuguese Bend Landslide Complex
- Limits of Historically Mapped Landslides
- 2023/2024 Landslide Mapping
- Current Limits of Major Landslide Movement (March 2024)
- GPS Monument Displacement Rate (April 17, 2024 to May 28, 2024) Displacement Vector Scale 1"= 8"/week

Elevations Table

Minimum Rate (inch/week)	Maximum Rate (inch/week)	Color
2.00	3.00	
3.00	4.00	
4.00	5.00	
5.00	6.00	
6.00	7.00	
7.00	8.00	
8.00	9.00	
9.00	10.00	
10.00	11.00	
11.00	12.00	
12.00	13.00	
13.00	14.00	

NOTES:
1) October 10, 2023 GPS monitoring data was unavailable for monuments AB21, CR54, CW05, CW06, KC19, KC20, KC21, KC22, KC23, KC24, PB72, PB73, PB74, PB75, and RP01.

2) January 13, 2024 GPS monitoring data was unavailable for monuments AB20 and FT08.

3) March 8, 2024 GPS monitoring data was unavailable for monuments AB01, AB04, AB05, AB20, AB24, AB53, AB63, AB66, CR51, CW05, CW06, FT06, FT08, FT09, KC05, KC13, KC14, KC16, KC18, KC19, KC21, PB06, PB07, PB09, PB12, PB20, PB21, PB27, PB29, PB54, PB59, PB68, PB74, and UB02.

4) April 17, 2024 GPS monitoring data was unavailable for monuments AB01, AB02, AB05, AB20, AB24, AB53, AB63, AB66, CR51, CW05, CW06, FT06, FT08, FT09, KC05, KC13, KC14, KC16, KC18, KC19, KC21, PB06, PB07, PB09, PB12, PB20, PB21, PB27, PB29, PB54, PB59, PB68, PB74, and UB02.

Hillshade basemap produced from publicly available LiDAR: "2015 - 2016 LARIAC Lidar DEM: Los Angeles Region, CA"

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

GPS MONITORING DISPLACEMENT RATE CONTOUR MAP (5/28/24 DATA)
Abalone Cove, Portuguese Bend, Klondike Canyon
RANCHO PALOS VERDES, CALIFORNIA

GEO/ENG BY	SCALE	PROJECT NO.
MP	1"=500'	SC6163
APPROVED BY	DATE	FIGURE NO.
POS	June 17, 2024	3