



CURRENT LIMITS OF
MAJOR LANDSLIDE
MOVEMENT (MARCH 2024)

APPROXIMATE BOUNDARY OF
ANCIENT PORTUGUESE BEND
LANDSLIDE COMPLEX

FLYING
TRIANGLE
LANDSLIDE

PORTUGUESE
BEND
LANDSLIDE

ABALONE
COVE
LANDSLIDE

KLONDIKE
CANYON
LANDSLIDE

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 (October 10, 2022 to October 10, 2023) Displacement Vector Scale 1"=5'
- GPS Monument Displacement (October 10, 2023 to January 13, 2024) Displacement Vector Scale 1"=5'
- GPS Monument Displacement (January 13, 2024 to March 8, 2024) Displacement Vector Scale 1"=5'
- GPS Monument Displacement (March 8, 2024 to April 17, 2024) Displacement Vector Scale 1"=5'

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"

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GPS MONITORING DISPLACEMENT MAP
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 26, 2024	FIGURE NO. 2