

DOCKETED

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Attachment DR68-7

2023-04-15

Willow Rock Monthly Geotechnical Update – March 2023

Status

The table below overviews the status of the various activities that have been initiated during the geotechnical program at the Willow Rock project site as of 2023/03/31. No drilling activities were completed in March 2023.

Activity	Status	Notes
Shallow Borehole Program	Complete	Shallow borehole program was completed June - August 2022 with 8 shallow borehole and CPT testing.
Seismic Testing Round 1	Complete	Seismic testing was completed in Q1 to provide early insight on bedrock depth and stratigraphy before selecting borehole locations.
Deep Borehole #1	Complete	Drilling, downhole testing, and lab analysis has been completed on borehole #1.
Deep Borehole #2	Complete	Deep borehole #2 has completed drilling, geophysical logging, and pump & packer testing. In-situ stress testing (sigma) was attempted but no successful tests were completed. Lab testing on core samples is complete and summarizing reports have been prepared.
Deep Borehole #3	Complete	Deep borehole #3 has finished drilling to a total depth of 2313' BGL and has completing downhole testing. In-situ stress testing was completed, and 2 successful tests were gathered. Geophysical logging and downhole water samples were gathered. Pump & packer testing was completed in December before the hole was closed. Lab testing on core samples is complete and summarizing reports have been prepared.

Monthly Update

All lab testing for boreholes #2 and #3 has been completed. Hydrostor is currently assessing the next steps for the program and is still yet to decide if another borehole will be drilled on this site in the coming months. Another borehole at this site will require coordination with Kern County, and likely another CUP.

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New Data Transmittals

The geotechnical exploration program has received no new data during March 2023.