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Project Title:	Willow Rock Energy Storage Center – Compliance
TN #:	273116
Document Title:	MCR No 8 - October 12, 2026 - Part2
Description:	Monthly Compliance Report No 8. - October 12, 2026 - Part2
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/13/2026 3:07:12 PM
Docketed Date:	10/13/2026

ATTACHMENT E

WRESC WORKER ENVIRONMENTAL AWARENESS TRAINING CERTIFICATION FORMS

WEAP Training Acknowledgement Form

Willow Rock Energy Storage Centre Project, Kern County, California Workers Environmental Awareness Program (Biological, Paleontological and Cultural and Tribal Cultural Resources) Verification - All On-Site Employees.

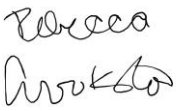
This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Workers Environmental Awareness Program for Employees on site at the Willow Rock Energy Storage Centre Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials. A helmet sticker will be provided to employees who have completed the WEAP training.

No ground disturbance shall occur prior to implementation of the WEAP program unless such activities are specifically approved by the CPM.

WEAP Completion Date	Employee Name	Company	Signature
9/1/2026	Joe Chesno	Hatch	
9/2/2026	Jessica Ramirez	WSP	
9/2/2026	Erik Landis	WSP	
9/8/2026	Eugenio vega	Hatch	
9/8/2026	Andrew Sheble	WSP	

WEAP Completion Date	Employee Name	Company	Signature
9/8/2026	William duford	Granite construction	
9/8/2026	Cheyenne Rivera	Tejon Indian Tribe	
9/8/2026	Patrick Nolet	Hatch	
9/8/2026	Robert Mavis	Sequoia	
9/8/2026	Joel Santoyo	Granite	
9/8/2026	Shawn Henderson	Hydrostor	
9/8/2026	Larry Bullard	Granite	
9/8/2026	Norberto Ramirez	Hydrostor	
9/8/2026	Leonel Pelayo	other	
9/8/2026	Sergio J Gonzalez	Granite	
9/8/2026	Travis Don Parmelee	Granite	
9/9/2026	Ross Morrison	NV5	

WEAP Completion Date	Employee Name	Company	Signature
9/9/2026	Bobby Pentorali	NV5	
9/9/2026	Jim Sanders	NV5	
9/9/2026	Lori Goodwin	NV5, Inc.	
9/9/2026	Matthew Fagan	NV5	
9/10/2026	Christopher Acevedo	Granite/Sequoia	
9/14/2026	Carlos Martinez	WSP	
9/17/2026	Jennifer Peterson	NV5	
9/21/2026	Van Wilfinger	NV5	
9/21/2026	Tom Lawrence	Hydrostor	
9/23/2026	Jorge	C&W	
9/23/2026	Matthew Bullard	Granite	
9/23/2026	Jeanette Tapia	Granite	

WEAP Completion Date	Employee Name	Company	Signature
9/23/2026	Derick Goebel	NV5	
9/24/2026	Santiago Cayetano	Avila traffic safety	
9/24/2026	Brooke Yelsa	Granite	
9/28/2026	Rebecca Crookston	Hydrostor	
10/2/2026	Jason Berry	NV5	
10/6/2026	Joshua P. Rowan	Hydrostor	
10/7/2026	Mitchell Rivera	NV5	
10/7/2026	Martin Bourassa	Hatch	

A total of 37 personnel were trained under the WEAP program during the period from September 1st through October 7, 2026.

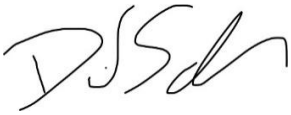
Trainers:

WEAP Trainer – Biological Resources: Jeremy Paris

, 10/8/2026

WEAP Trainer – Biological Resources: Kate Moss

, 10/8/2026


, 10/8/2026

WEAP Trainer – Paleontological Resources: David Schroeder

WEAP Trainer – Cultural Resources: Ryan Arp

, 10/8/2026

ATTACHMENT F

WRESC PRS MONITORING SUMMARY AND DAILY MONITORING LOGS

Technical Memo

To:	Noah Eckert (Hydrostor) and Dan Gonzalez (Hatch)
From:	David Schroeder, Paleontological Resources Specialist
CC:	Josh Rowan, Simon Contreras, Eddie Figueroa, Lydia DeAngelis (Hydrostor); Kevin Boudreau (Hatch); Susan Strachen (Strachen Consulting); David Stein (WSP); Jeff Cox, Clyde Burget (Granite)
Project title	Willow Rock Energy Storage Center (WRESC)
Client:	Hydrostor
Project number:	US0029687.8172
Subject:	Paleontological Monthly Compliance Report – September 2026 Construction Monitoring
Date:	10-06-2026

WSP USA Inc. (WSP) conducted paleontological monitoring for the WRESC Project (Project; Figure 1) in Kern County, California, between September 1 and September 30, 2026. Paleontological monitoring was performed in compliance with the Project's approved Paleontological Resources Monitoring and Mitigation Plan (PRMMP). Monitoring efforts consisted primarily of excavation, mass grading, V-ditch excavation, ripping, drilling, containment excavation, and other associated ground-disturbing activities. Monitoring was conducted by California Energy Commission (CEC)-approved Paleontological Resources Monitors (PRMs) Dozie Itie and Carlos J. Martinez.

Between September 1 and September 4, 2026, paleontological monitoring was conducted by Dozie Itie. On September 1, excavation behind the Granite trailers using scrapers and dozers reached approximately 2 to 3 feet (ft) in depth. Sediments consisted of light brown sand with reddish-brown exposures and eroding caliche. Between September 2 and September 4, no qualifying ground-disturbing activities exceeding 2 ft in depth occurred, and the PRM remained on standby during portions of this period.

Between September 8 and September 12, 2026, Dozie Itie monitored V-ditch excavation, mass excavation, ripping, grading, and associated ground-disturbing activities. On September 8 and September 9, V-ditch excavation reached approximately 8 ft in depth, while mass excavation on September 9 reached approximately 5 to 10 ft in depth. Mass excavation on September 10 also reached approximately 5 to 10 ft in depth. On September 11, excavation and pad grading in front of the Hatch trailer reached approximately 10 ft in depth. On September 12, mass excavation near Sierra Highway and ripping near the Granite trailers were monitored, with ripping reaching approximately 3 to 4 ft in depth. Sediments observed during this period generally consisted of light brown sandy

deposits overlying caliche.

Between September 14 and September 19, 2026, monitoring was conducted by Dozie Itie and Carlos J. Martinez, who monitored separate ground-disturbing activities occurring concurrently within the Project area. On September 14, Martinez monitored approximately 1,100 ft of V-ditch excavation along the northeastern to northwestern portion of the Project area, with excavation ranging from approximately 2 to 3.5 ft in depth. Itie monitored mass excavation near Sierra Highway that reached approximately 5 to 10 ft in depth. Sediments consisted of tan to light brown sand overlying caliche and quartz monzonite (qm).

On September 15, Martinez monitored mass grading along the northern portion of the Project area over an area approximately 336 ft long by 173 ft wide and 2 to 3 ft deep. Itie monitored excavation near the parking lot and Dawn Road, the site entrance, and behind the Hatch Building. Excavation in these areas ranged from approximately 1 to 10 ft in depth. Sediments consisted primarily of tan to light brown silty fine sand, with caliche and quartz monzonite encountered at depth.

On September 16, Martinez monitored mass grading along the northern portion of the Project area over an area approximately 415 ft long by 165 ft wide and 2 to 3 ft deep, beginning approximately 1 to 2.5 ft below ground surface (bgs). Itie monitored mass excavation near Sierra Highway over an area approximately 100 ft long by 20 ft wide and 10 to 20 ft deep. Sediments consisted of tan to light brown silty sand and disturbed alluvium overlying caliche and quartz monzonite.

On September 17, Martinez monitored basin excavation along the eastern portion of the Project area and excavation along the northern portion of the Project area. Basin excavation covered an area approximately 85 ft long by 20 to 30 ft wide and reached approximately 8 to 12 ft in depth. Excavation along the northern portion of the Project area covered an area approximately 425 ft long by 24 ft wide and reached approximately 2 to 6 ft in depth. Itie monitored mass excavation and blading and extension of the V-ditch reaching approximately 5 to 8 ft in depth. Sediments consisted of tan, silty fine- to medium-grained quartz sand overlying quartz monzonite composed of decomposed granite and granodiorite with calcite mineralization.

On September 18, Martinez monitored mass grading along the northern portion of the Project area over an area approximately 425 ft long by 60 ft wide and 2 to 3 ft deep, beginning approximately 3 to 4 ft bgs. Itie monitored V-ditch excavation extending toward Sierra Highway over an area approximately 100 ft long by 10 ft wide and 6 ft deep. Quartz monzonite consisting primarily of decomposed granodiorite with lesser granite and quartz monzonite was observed, along with light brown alluvial sand, caliche, and localized calcite mineralization.

On September 19, Martinez monitored mass grading along the northern portion of the Project area over an area approximately 430 ft long by 45 ft wide and 5 to 6 ft deep, beginning approximately 2 to 3 ft bgs. Itie monitored grading near Sierra Highway and Dawn Road to approximately 4 to 5 ft in depth. Sediments consisted of light brown to tan silty fine sand overlying quartz monzonite composed primarily of granodiorite with lesser granite and quartz monzonite. Calcite mineralization was also observed.

On September 21, 2026, Martinez monitored excavation along the central portion of the Project area over an area approximately 420 ft long by 45 ft wide and 3 to 5 ft deep, beginning approximately 0.5 to 1 ft bgs. Itie monitored shallower blade and scraper activities in separate portions of the Project area, with ground disturbance ranging from several inches to approximately 1 ft in depth. Sediments consisted of tan to brown silty fine- to medium-grained sand overlying decomposed quartz monzonite, with caliche and possibly granitic material observed in other monitored areas.

On September 22, 2026, Itie monitored mass excavation, V-ditch excavation, spill excavation, ripping, grading, and associated activities. Mass excavation generally reached approximately 5 to 10 ft in depth, V-ditch excavation reached approximately 5 to 6 ft in depth, and ripping reached approximately 3 ft in depth. Spill excavation reached approximately 15 ft in depth. Sediments consisted of light brown alluvial sand overlying white-gray caliche and/or granitic material.

On September 23, 2026, Martinez and Itie again monitored separate ground-disturbing activities. Martinez monitored mass grading over an area approximately 433 ft long by 35 ft wide and 3 to 3.5 ft deep, beginning approximately 7 to 9 ft bgs, as well as excavation over an area approximately 420 ft long by 50 ft wide and 3.5 to 4.5 ft deep. Itie conducted spot checks of drilling and monitored blade work, containment excavation, and ripping. Drilling reached approximately 3 ft in depth; blade and containment excavation reached approximately 2 to 5 ft in depth, and ripping reached approximately 3 to 4 ft in depth. Sediments consisted primarily of light brown to tan-brown alluvial sand overlying decomposed quartz monzonite, including granodiorite and granite with localized calcite mineralization.

On September 24 and September 25, 2026, Martinez monitored excavation along the central portion of the Project area using a CAT 347FL excavator and CAT D6T dozer. On September 24, excavation extended approximately 420 ft long by 18 to 36 ft wide and 3 to 3.5 ft deep, beginning approximately 3.5 to 4 ft bgs. On September 25, excavation extended approximately 420 ft long by 55 ft wide and 3 to 4 ft deep, beginning approximately 1 to 4 ft bgs. Excavation exposed quartz monzonite (Kqm) consisting primarily of decomposed granodiorite and granite with lesser quartz monzonite. Calcite mineralization, localized fractures, a possible horsetail splay fracture, and a minor fault with approximately 4 centimeters of offset were observed on September 25.

Between September 28 and September 30, 2026, Itie monitored mass excavation, culvert excavation, mini-drilling, compaction, ripping, blade work, and V-ditch excavation and widening. On September 28, mass excavation was conducted using scrapers, trucks, dozers, and an excavator. Culvert excavation adjacent to Dawn Road reached approximately 4 to 5 ft in depth, and approximately 18 to 21 mini-drill holes were advanced to approximately 3 ft in depth, primarily within fill. Compaction near the yard and Hatch trailer and additional mass excavation were also monitored.

On September 29, Itie monitored mass excavation reaching approximately 5 to 10 ft in depth, blade work throughout the Project area, extension of the V-ditch behind the Granite Trailer, and culvert excavation reaching approximately 4 to 6 ft in depth. Equipment included scrapers, blades, excavators, Volvo trucks, water trucks, and dozers.

On September 30, Itie monitored excavation around the perimeter of the area outside the Environmental Sensitive Area (ESA) using two scrapers. Excavation reached approximately 1 to 2 ft in depth. A blade, dozer, and Volvo trucks were used for compaction to the left of the ESA, and the area was ripped intermittently. The blade was also used to widen the V-ditch adjacent to the site parking lot near Dawn Road and Frontage Road. No separate dimensions were recorded for the ripping or V-ditch widening.

Geologic conditions observed between September 28, and September 30 generally consisted of an upper layer of light brown, semi-angular sand with low induration and weak structure. A lower white-gray unit with caliche staining was reported at approximately 5 ft or greater in depth and was described as possibly granite or granodiorite, with medium structure, high induration, and semi-angular clasts.

Overall, paleontological monitoring conducted during September 2026 documented ground-disturbing activities ranging from shallow grading to mass excavation reaching approximately 20 ft in depth. Surficial deposits generally

consisted of light brown to tan sandy alluvium overlying caliche and crystalline bedrock described during monitoring as quartz monzonite, decomposed granite, and granodiorite. No paleontological resources were observed during any of the monitored ground-disturbing activities in September 2026.

Copies of all Daily Monitoring Logs completed during September 2026 are included in Appendix A.

Table 1. Results of Paleontological Monitoring in September 2026.

Date	Type of Ground-Disturbing Activity	Number of Monitors	Average Dimensions of Ground Disturbance	Geologic Unit / Geologic Description	Paleontological Resources Observed?
September 1, 2026	**Dozie Itie:** Excavation behind Granite Trailers using scrapers and dozers; spot checks of other excavation areas.	1	Approximately 2–3 ft deep	Light brown sand with reddish-brown exposures and eroding caliche.	No
September 2, 2026	**Dozie Itie:** Monitor on standby; no qualifying ground disturbance observed.	1	No disturbance >2 ft	N/A	No
September 3, 2026	**Dozie Itie:** Monitor on standby; no major earth disturbance observed.	1	No major disturbance >2 ft	Light brown sand.	No
September 4, 2026	**Dozie Itie:** Monitor on standby; no qualifying excavation observed.	1	No disturbance >2 ft	N/A	No
September 8, 2026	**Dozie Itie:** Monitoring blade/V-ditch activity and mass excavation using blade, scraper, dozer, and excavator.	1	Blade excavation progressing toward approximately 8 ft deep; caliche encountered at approximately 2 ft bgs.	Light brown sand overlying sand-to-gravel caliche.	No
September 9, 2026	**Dozie Itie:** V-ditch/blade excavation behind Granite Trailer; mass excavation in front of Hatch Building; ripping near Sierra Highway.	1	Blade excavation to approximately 8 ft; mass excavation approximately 5–10 ft deep.	Light brown sand overlying caliche at approximately 3–5 ft bgs.	No
September 10, 2026	**Dozie Itie:** Mass excavation and monitoring of southeast pond; watering, ripping, and scraper work.	1	Approximately 5–10 ft deep	Light brown sandy topsoil overlying caliche.	No
September 11, 2026	**Dozie Itie:** Excavation and pad grading in front of Hatch Trailer using excavator, dozer, haul trucks, and water trucks.	1	Approximately 10 ft deep × 20–30 ft long	Light brown sandy topsoil overlying relatively uniform caliche.	No
September 12, 2026	**Dozie Itie:** Mass excavation near Sierra Highway and	1	Ripping approximately 3–4 ft deep; mass	Light brown sandy topsoil overlying caliche.	No

	ripping near Granite Trailers.		excavation also monitored.		
September 14, 2026	**Carlos Martinez:** Trenching of V-ditch along northeastern to northwestern corner of project area using CAT 140M3 motor grader. **Dozie Itie:** Mass excavation near Sierra Highway using blade, dozer, water truck, Volvo trucks, and excavator.	2	**Carlos:** V-ditch approximately 1,100 ft long × 5–8 ft wide × 2–3.5 ft deep. **Dozie**: Mass excavation approximately 20 × 30 ft and 5–10 ft deep.	**Carlos**: Tan to light brown, poorly compacted, moderately sorted fine- to coarse-grained sand from surface to approximately 2 ft bgs; caliche/quartz monzonite (qm) from approximately 2–3.5 ft bgs. **Dozie:** Light brown sand overlying caliche rock.	No
September 15, 2026	**Carlos J. Martinez:** Mass grading along northern project area using CAT 140M3 motor grader and three CAT 623K scrapers. **Dozie Itie:** Excavation near parking lot/Dawn Road, site entrance, and behind Hatch Building using water truck, dozer, blade, and excavator.	2	**Carlos:** Approximately 336 ft long × 173 ft wide × 2–3 ft deep from ground surface. **Dozie**: L-shaped excavation approximately 20 ft wide × 8 ft deep; site entrance approximately 1–2 ft into native soil; two excavations behind Hatch Building approximately 10 ft and 2–5 ft deep.	**Carlos:** Tan to light brown silty fine sand to 2–3 ft bgs, locally underlain by quartz monzonite (qm) consisting of white, moderately sorted/compacted, medium- to coarse-grained angular quartz sand with mica and darker mineral inclusions. **Dozie**: No observed soil difference; caliche encountered at approximately 2–5 ft.	No
September 16, 2026	**Carlos J. Martinez**: Mass grading along northern project area using three CAT 623K scrapers, CAT D8 dozer, and CAT 140M3 motor grader. **Dozie Itie**: Mass excavation near Sierra Highway using excavator, dozer, and haul trucks; perimeter removal.	2	**Carlos:** Approximately 415 ft long × 165 ft wide × 2–3 ft deep, beginning approximately 1–2.5 ft bgs. **Dozie:** Approximately 100 ft long × 20 ft wide × 10–20 ft deep.	**Carlos:** Tan to light brown, poorly compacted silty fine- to medium-grained sand to approximately 2.5 ft bgs, overlying quartz monzonite (qm). **Dozie:** Disturbed alluvium with modern debris and light brown sand approximately 1–2 ft thick, underlain by white silt-to-gravel caliche approximately 2–10 ft bgs.	No
September 17, 2026	**Carlos J. Martinez**: Basin excavation along eastern project area followed by	2	**Carlos**: Basin approximately 85 ft long × 20–30 ft wide	**Carlos:** Tan, poorly compacted, moderately sorted	No

	excavation along northern project area using excavator and dozer. **Dozie Itie**: Mass excavation followed by blading and extension of V-ditch near Dawn Road/Hatch Building.		× 8–12 ft deep; northern excavation approximately 425 ft long × 24 ft wide × 2–6 ft deep. **Dozie**: V-ditch approximately 5–8 ft deep.	silty fine- to medium-grained quartz sand to approximately 2–3.5 ft bgs; quartz monzonite (qm) observed from approximately 2–12 ft bgs, consisting of decomposed granite and granodiorite with calcite mineralization. **Dozie**: No sediment change observed.	
September 18, 2026	**Carlos J. Martinez**: Mass grading along northern project area using CAT 347FL excavator and CAT D8 dozer. **Dozie Itie:** V-ditch work extending toward Sierra Highway using dozer, scrapers, and blade.	2	**Carlos:** Approximately 425 ft long × 60 ft wide × 2–3 ft deep, beginning approximately 3–4 ft bgs. **Dozie**: V-ditch approximately 100 ft long × 10 ft wide × 6 ft deep.	**Carlos:** Quartz monzonite (qm) consisting of white, moderately indurated decomposed granodiorite with smaller pockets of granite and quartz monzonite and some calcite mineralization. **Dozie**: Light brown alluvial sand overlying caliche; caliche observed at approximately 3–5 ft bgs.	No
September 19, 2026	**Carlos J. Martinez**: Mass grading along northern project area using CAT 374FL excavator, CAT D8 dozer, and CAT 14M motor grader. **Dozie Itie**: Grading near Sierra Highway/Dawn Road using blade and water truck.	2	**Carlos:** Approximately 430 ft long × 45 ft wide × 5–6 ft deep, beginning approximately 2–3 ft bgs. **Dozie**: Approximately 20 ft of grading monitored to 4–5 ft deep.	**Carlos**: Tan, poorly compacted silty fine quartz sand to approximately 3 ft bgs, underlain by quartz monzonite (qm), primarily granodiorite with lesser granite and quartz monzonite; calcite mineralization present. **Dozie:** Light brown fine alluvial sand with low induration and weak structure; caliche staining observed at bottom.	No

September 21, 2026	**Carlos J. Martinez**: Excavation along central project area using CAT 374FL excavator and CAT D8 dozer. **Dozie Itie**: Monitoring blade and scraper work in two separate areas.	2	**Carlos**: Approximately 420 ft long × 45 ft wide × 3–5 ft deep, beginning approximately 0.5–1 ft bgs. **Dozie:** Blade/scraper removed approximately 1 ft in first area; blade removed inches to approximately 1 ft in second area.	**Carlos:** Tan to brown, loosely compacted silty fine- to medium-grained quartz-dominant sand to approximately 2.5 ft bgs, underlain by decomposed quartz monzonite (qm), locally granodiorite and granite with calcite mineralization. **Dozie:** Light brown, semi-angular alluvial sand with weak structure overlying white angular caliche/possibly granitic gravel.	No
September 22, 2026	**Dozie Itie:** Mass excavation, V-ditch excavation, spill excavation spot checking, ripping, grading, and wetting using blade, excavators, dozer/rippers, and haul trucks.	1	V-ditch approximately 5–6 ft deep; mass excavation approximately 5–10 ft deep; ripping approximately 3 ft deep; spill excavation reached approximately 15 ft deep.	Light brown alluvial sand, weakly structured and poorly indurated, overlying white-gray caliche/granitic material with medium structure and induration.	No
September 23, 2026	**Carlos J. Martinez:** Mass grading and excavation using scrapers, excavator, and dozer. **Dozie Itie**: Spot checking drilling and monitoring blade work, containment excavation, and ripping.	2	**Carlos:** Mass grading approximately 433 ft long × 35 ft wide × 3–3.5 ft deep, beginning approximately 7–9 ft bgs; excavation approximately 420 ft long × 50 ft wide × 3.5–4.5 ft deep. **Dozie:** Drilling approximately 3 ft deep; blade and containment excavation approximately 2–5 ft deep; containment area approximately 10 × 6 ft; ripping approximately 3–4 ft deep.	**Carlos:** Tan to brown, poorly compacted silty fine- to coarse-grained sand overlying decomposed quartz monzonite (qm), consisting of granodiorite and granite with calcite mineralization. **Dozie:** Light brown, semi-angular alluvial sand with low induration and weak structure.	No

September 24, 2026	**Carlos J. Martinez**: Excavation using CAT 347FL excavator and CAT D6T dozer.	1	Approximately 420 ft long × 18–36 ft wide × 3–3.5 ft deep, beginning approximately 3.5–4 ft bgs.	Quartz monzonite (Kqm) consisting of gray white to white decomposed granodiorite, granite, and small lenses of quartz monzonite; slightly micaceous with mineralization along some fracture lines.	No
September 25, 2026	**Carlos J. Martinez**: Excavation along central portion of project area using CAT 347FL excavator and CAT D6T dozer.	1	Approximately 420 ft long × 55 ft wide × 3–4 ft deep, beginning approximately 1–4 ft bgs.	Tan to brown, loosely compacted silty fine- to coarse-grained sand to approximately 3.5 ft bgs, underlain by quartz monzonite (Kqm) consisting of decomposed granodiorite, granite, and lesser quartz monzonite. Fractures, a possible horsetail splay fracture, a minor fault with approximately 4-cm of offset, and calcite mineralization observed.	No
September 28, 2026	**Dozie Itie**: Mass excavation using two scrapers, four trucks, two dozers, and one excavator; culvert excavation adjacent to Dawn Road; mini drilling; and side activities consisting of compaction near the yard and Hatch trailer using scraper and blade. Mass excavation resumed during the afternoon.	1	Culvert excavation approximately 4–5 ft deep; mini-drilling included approximately 18–21 holes to 3 ft deep, primarily within fill.	Upper layer consisted of light brown, semi-angular sand with low induration and weak structure. Lower layer, encountered at approximately 5 ft or greater, consisted of white-gray material with caliche staining, possibly granite or granodiorite, with medium structure, high induration, and semi-angular clasts.	No
September 29, 2026	**Dozie Itie**: Mass excavation; blade work throughout the Project area, including extension of the V-ditch behind the Granite Trailer; and culvert excavation. Equipment included two scrapers, two	1	Mass excavation approximately 5–10 ft deep; culvert excavation approximately 4–6 ft deep.	Upper layer consisted of light brown, semi-angular sand with low induration and weak structure. Lower layer, encountered at approximately 5 ft or greater, consisted of	No

	blades, two excavators, two Volvo trucks, two water trucks, and two dozers.			white-gray material with caliche staining, possibly granite or granodiorite, with medium structure, high induration, and semi-angular clasts.	
September 30, 2026	**Dozie Itie**: Excavation around the perimeter of the area outside the ESA using two scrapers. A blade, dozer, and Volvo trucks were used for compaction to the left of the ESA, and the area was ripped intermittently. The blade also widened the V-ditch adjacent to the site parking lot near Dawn Road and Frontage Road.	1	Excavation approximately 1–2 ft deep. No dimensions were provided for the ripping or V-ditch widening.	Upper layer consisted of light brown, semi-angular sand with low induration and weak structure. Lower layer, encountered at approximately 5 ft or greater, consisted of white-gray material with caliche staining, possibly granite or granodiorite, with medium structure, high induration, and semi-angular clasts.	No

Figures

N

20th St W
Frontage Rd
Sierra Hwy
Sierra Hwy
58
Union Pacific Railroad
Dawn Rd
Ansel

LEGEND

- Project Boundary
- Phase 1 Limits of Disturbance
- Western Joshua Tree Relocation Sites
- Drilling
- Trenching
- Grading

Geologic Units

- Qa - Alluvium
- Qs - windblown sand
- qm - Quartz monzonite

0 1,000
1:8,000 Feet

NOTE(S)

REFERENCE(S)
1. COORDINATE SYSTEM: WGS 1984 WEB MERCATOR AUXILIARY SPHERE
2. MAP SERVICE LAYER CREDITS: WORLD IMAGERY: VANTOR
HYBRID REFERENCE LAYER: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

CLIENT
GEM A-CAES LLC

CONSULTANT
wsp

YYYY-MM-DD	2026-10-02
DESIGNED	MK
PREPARED	KO
REVIEWED	DS
APPROVED	JP

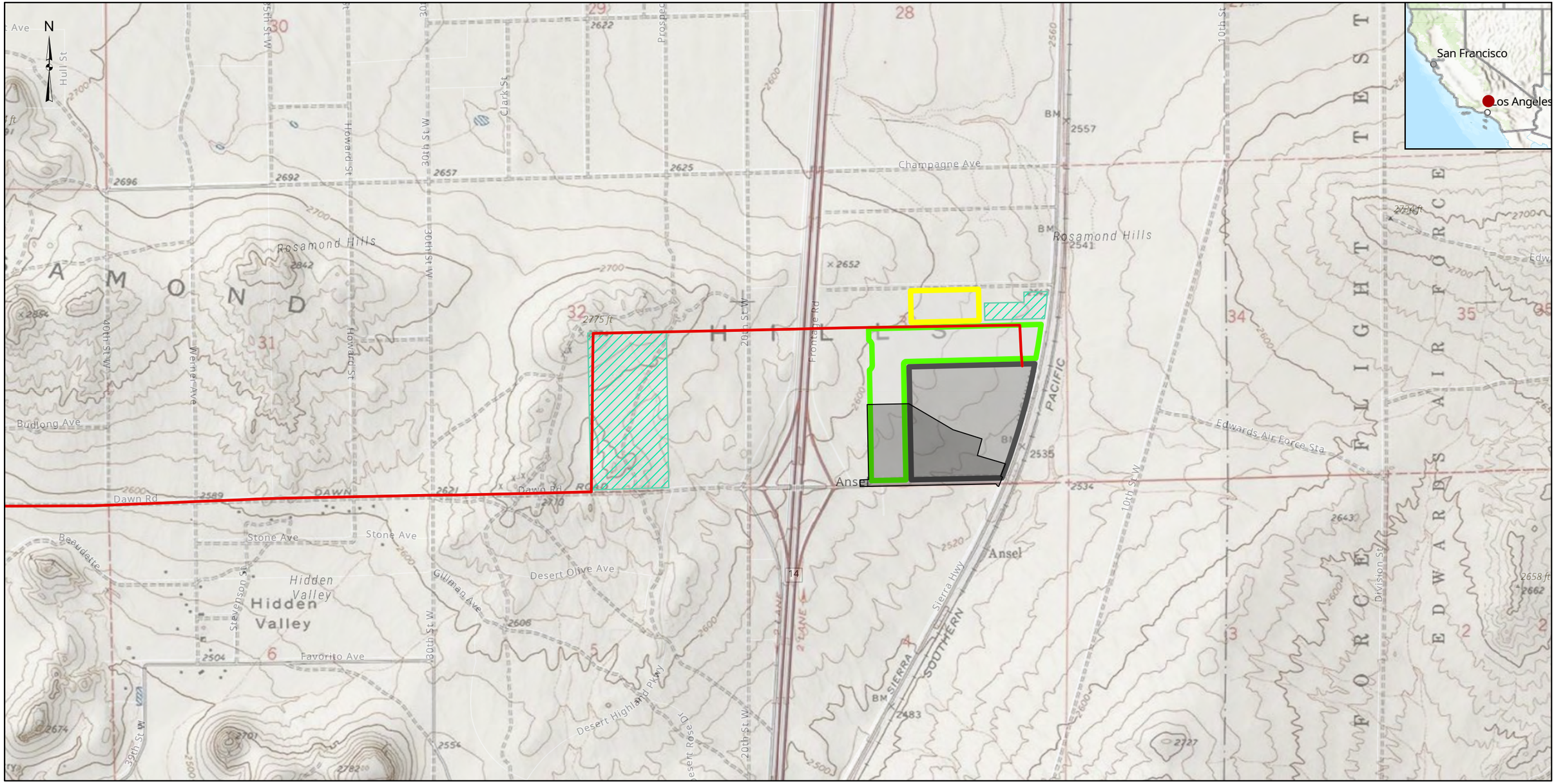
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER

TITLE
FIGURE 2 - PALEONTOLOGICAL MONITORING MAP

FIGURE
2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\Hydrostor\Ansel\11_GIS\TEMP\2026_07_30_PaleoFieldmapsSetup\WRESC_PaleoFieldmapsSetup\WRESC_PaleoFieldmapsSetup.aprx PRINTED: 10/2/2026 at 11:05 AM BY: USKO127009



LEGEND

Project Boundary

- WRESC Site
- P1
- P2 North
- Gen-Tie Line Alignment
- Phase 1 Limits of Disturbance
- Western Joshua Tree Relocation Sites

0 2,000

1:24,000 Feet

NOTE(S)

REFERENCE(S)
1. COORDINATE SYSTEM: WGS 1984 WEB MERCATOR AUXILIARY SPHERE
2. MAP SERVICE LAYER CREDITS: USA_STATE_BOUNDARIES: SOURCES: ESRI, TOMTOM, U.S. DEPARTMENT OF COMMERCE, U.S. CENSUS BUREAU
WORLD TOPOGRAPHIC MAP: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD HILLSHADE: ESRI, NASA, NGA, USGS, FEMA
USGS TOPO MAPS (MAP SERVICE): ESRI

CLIENT
GEM A-CAES LLC

PROJECT
WILLOW ROCK ENERGY STORAGE CENTER

CONSULTANT
wsp

YYYY-MM-DD	2026-08-10
DESIGNED	MK
PREPARED	KO
REVIEWED	DS
APPROVED	DS

TITLE
FIGURE 1 - PROJECT OVERVIEW MAP

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\Hydrotor\Ansel\11_GIS\TEMP\2026_07_30_PaleoFieldmapsSetup\WRESC_PaleoFieldmapsSetup\WRESC_PaleoFieldmapsSetup.aprx PRINTED: 8/10/2026 at 1:34 PM BY: USKO127009

Appendix A Daily Monitoring Logs

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 1, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie		

Ground Disturbance Activity

Area behind Granite Trailers
Scrappers and dozers.
Reachinf 2ft to 3ft after continouw excavation

Geologic Description and Results

Light brown sand with reddish brown exposures and caliche eroding out

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Spotcheck other areas to see if they have gone past 2ft

Photos

Photo



Photo Description
Dozer moving sediment

Photo



Photo Description
Scrappers and Dozers moving through site

Photo



Photo Description
Water truck watering sediments

Photo



Photo Description
Excavated area

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 2, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

On standby
No disturbance over 2ft

Geologic Description and Results

N/A

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Stayed on standby. No Earth disturbance over 2ft.

Photos

Photo



Photo Description
Blade and Plates doing ground disturbance with water from Water Truck

---

Photo



Photo Description
Water truck watering sediments

Photo



Photo Description
Blade cutting sediment

Photo



Photo Description
Water truck and Blade

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 3, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

On Standby
No major earth disturbance over 2ft

Geologic Description and Results

Light brown sand

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Mass excavation will stsrt Tuesday

Photos

Photo



Photo Description
Site area of grubbing and moving sediment

Photo



Photo Description
Dozer moving sediment

Photo



Photo Description
Dozer moving sediment

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 4, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	13:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity
No disturbance over 2ft

Geologic Description and Results
N/A

Paleontological Resource Discovery
N/A

General Impressions/Observations:
Stayed on standby and did'nt see excavation over 2ft

Photos

Photo



Photo Description
Dozer grubbing

Photo



Photo Description
Watering sediments

Photo



Photo Description
Grubbing

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 8, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	16:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment: Blade, Scrapper, Dozer, Excavator
6am-11am- I monitored the Blade which will eventually get to 8ft depth.

11:30-4:30
I monitored the mass excavation with the excavator

Geologic Description and Results

Light brown sand
Caliche Rock at 2ft- sand-gravel

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Mass Excavation appears to be revealing more of caliche rock

Photos

Photo



Photo Description
Ripping of sediment

Photo



Photo Description
Blade making V-Ditch

Photo



Photo Description
Excavator pulling sand

Photo



Photo Description
Dozer moving sediment

Photo



Photo Description
Excavator putting sediments into truck

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 9, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	18:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment- Blade, Water Truck, Tolvo Truck, Excavator, ane Dozer

6am-11am-Behind the Granite Trailer Followed the blade as it reached 8ft
GPS the Lines for both blades. Soils watered by water truck

11:00-3pm-I monitored the Mass excavation infront of the Hatch Building. It went down 5ft to10ft. The sediment was excavated by the Excavator and carried out by the Tolvo Truck.
Soils watered by water truck
3pm-4:30pm-I monitored the ripping near Sierra Highway.

4:30pm- 6pm- Water truck wetted the soil and Ripper ripped sediment.

Geologic Description and Results

Light brown sandntop layer
Caliche about 3-5ft

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Excavation is now 10 hours
Water is generally being used for wall excavations

Photos

Photo



Photo Description
V-ditch

Photo



Photo Description
Excavaor putting soil into Tolvo truck

Photo



Photo Description
Ripping of soil

Photo



Photo Description
Site picture

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 10, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	16:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment- Water Truck, Excavator, Ripper, Scaper
6am-11am
Monitoring Mass Excavation
.8-9am- Excavator broke.
11am to 12 pm- Excavation resumed

1pm-4:30pm- Monitored South-east pond
Location was watered, ripped, and sediment moved by scarpper

Site ended early for the day due to water running out

Geologic Description and Results

5-10ft
Top soil light brown sand
Underlying sediment is caliche

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Watering sediments leads to less dust, but water running out leads to site ending

Photos

Photo



Photo Description
Excavator pulling uo sediment

Photo



Photo Description
Machines on site

Photo



Photo Description
Mass excavation location

Photo



Photo Description
Dozer working on mass excavation entrance

Photo



Photo Description
Scrapped area of site

Monitor Signature:



WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 11, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	16:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

In front of Hatch trailer
4 volvo trucks, 4 water trucks, 1 dozer, 1 excavator,
Excavation went down about 10ft, the length was 20-30ft and the pad was flattening

Geologic Description and Results

Top soil-light brown sand

Underlying soil is Caliche

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Caliche sediments seem uniformed after abou5 5ft into the site

Photos

Photo



Photo Description
Previous excavated area

Photo



Photo Description
Dozer and Tolvo Truck

Photo



Photo Description
Excavator puttinf sediment into truck, dozer moving sediment, ans water truck wetting, sediment

---

Photo



Photo Description
The Excavator moved sand into tolvo truck

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 12, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

6am to 11am
6am to 8am, I monitored thr Mass excavation onsite that consist of a 2 dozers , excavator, water trucks, and 4 volvo trucks near Sierra Highway

9am to 11am- I monitored the ripping of the area that was near the Granite trailers. The ripping equipment was the ripper and the water trucks
3ft to 4ft depth

11am-2:30pm-
Resumed Mass excavation of the site

Geologic Description and Results

Lighrlt brown sand top soil
Underneath the soil is Caliche

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Caliche seems to be consistent throughout the site

Photos

Photo



Photo Description
Mass Excavation in the morning

Photo



Photo Description
Location of Ripping,

Photo



Photo Description
Site Picture

Photo



Photo Description
Site being rippee

Photo



Photo Description
Mass excavation site distance

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 14, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	15:30
Prepared By:	Carlos Martinez		

Ground Disturbance Activity

Trenching of v-ditch ~1100 ft long by 5-8 ft wide by 2-3.5 ft deep along northeastern to northwest corner of project area, using a CAT 140M3 motor grader.

Geologic Description and Results

From ground surface to approximately 2 feet below ground surface, surficial sediments consisted of a tan to light brown, poorly compacted, moderately sorted, fine to coarse (~80% finer sediments) sand. Sediments indicated at least some partial pre-disturbance as noted by modern debris. From 2 to 3.5 feet below ground surface, caliche? of Quartz monzonite was observed (qm), consisting of coarse to granular quartz sand.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Observed v-ditch corresponds with 01WRESCPaleoLine-CM091426.

Photos

Photo



Photo Description
View west along v-ditch excavation impacting surficial sediments and caliche of Quartz monzonite (qm).

Photo



Photo Description
View of v-ditch excavation showing ?caliche outcropping towards bottom of excavation.

Photo



Photo Description
View southwest showing motor grader impacting surficial sediments and Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 14, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	15:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment-Blade, Dozer ,Water Truck, Tolvo Trucks, and Excavator

Mass excavation near Sierra Highway-Depth 5fr-10ft

Dimensions 20ft x30ft ? (Estimate)

Geologic Description and Results

Light brown sand top layer
Lowee layer -Caliche rock

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Caliche rock and the sediments are consistent with map

Site ended early due to lack of water

Photos

Photo



Photo Description
Excavator putting sediment into rock

Photo



Photo Description
Tolvo truck entering pond

Photo



Photo Description
Water truck watering site

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 15, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	16:45
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Mass grading along northern portion of project impacting an area of ~336ft long by 173 ft wide by 2-3 ft deep starting from ground surface, using 1 CAT 140M3 motor grader and 3 CAT 623K scrapers.

Geologic Description and Results

Starting from ground surface, surficial sediments consisting of a tan to light brown silty fine sand was observed down to 2-3 feet, and in some areas was underlain by Quartz monzonite (qm) comprising of a white (caliche?), moderately sorted, moderately compacted, clast supported, medium to coarse angular quartz sand with mica and darker (horneblend?) mineral inclusions, from 2-3 feet below ground surface. No structure was observed. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Excavation corresponds with 01WRESCPaleoPl-CM091526. Quartz monzonite (qm) looks a little like decomposing granite.

Photos

Photo



Photo Description
Northeast: overview of mass grading area.

Photo



Photo Description
Closeup view of Quartz monzonite (qm).

Photo



Photo Description
Closeup view of orange brown Quartz monzonite (qm).

Photo



Photo Description
Closeup of loosely compacted surficial sediments.

Photo



Photo Description
North: view of scraper impacting surficial sediments and Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 15, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

The location of the excavations were the parking lot near Dawn Road and behind the Hatch Building.

Equioment used- Watee Truck, Dozer, Blade, and Excavator
6:30am -11am- Excavated L shape near Parking lot
Depth-8ft, Width- 20ft

Near Site entrance
Square sized excavation- maybe 1-2ft native soil depth

12:00pm-5:00pm
Excavation behind Hatch trailer

Two lines parallel to Dawn Road
Line closer to dawn road is 10ft deep and the orhe line is 2-5ft deep

Geologic Description and Results

No soil difference.
At about 2-5ft its caliche

Paleontological Resource Discovery

N/A

General Impressions/Observations:
Sediments appear to match map.
Excavation has'nt falled off schedule it appears?

Photos

Photo



Photo Description
Excavator working on perimeter of previously excavated area

Photo



Photo Description
Dozer pushing up sediment

Photo



Photo Description
Excavator moving line

Photo



Photo Description
Excavator moves to next location

Photo



Photo Description
Dozer pushing sediment

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 16, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	16:45
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Mass grading along northern portion of project impacting an area of ~415 ft long by 165 ft wide by 2-3 ft deep, starting 1-2.5 ft below ground surface, using 3 CAT 623K scrapers, 1 CAT D8 dozer, and 1 CAT 140M3 motor grader.

Geologic Description and Results

Starting 1 foot below ground surface, surficial sediments consisting of a tan to light brown, poorly compacted, silty fine to medium sand was observed to 2.5 feet below ground surface. At 2.5 feet bgs, a 0.5 cm thick light brown, well compacted, well sorted, silty fine sand bed capped Quartz monzonite (qm). Quartz monzonite, observed down to 5 feet below ground surface, consisted of a white and tan to pink, mineralized (? caliche), moderately to poorly sorted, moderately compacted, coast supporter, angular, very immature coarse to granulic quartz gravel with occasional pebble sized quartz and feldspar? clasts. Somewhat micaceous. Horneblend? inclusions. No structure was observed. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Mass excavation corresponds with 01WRESCPaleoPl-CM091526. Begging to think Quartz monzonite is a decomposing granite or granodiorite.

Photos

Photo



Photo Description
North; view of mass grading impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
Close up view of chunk of Quartz monzonite (qm).

Photo



Photo Description
Closeup view of thin silty fine layer between surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
Closeup view of tan to pink chunk of Quartz monzonite (qm).

Photo



Photo Description
East; overview of mass grading.

Photo



Photo Description
Detailed view of gravelly Quartz monzonite (qm) along bottom of cut.

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 16, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment:Excavator, dozer, and 4 volvo trucks
Mass Excavation near Sierra Highway
Perimeter was removed
Height/Depth 10-20ft
20ft wide
Length 100ft wide

Geologic Description and Results

Aluvium-disturbed with modern debris and light brown sand(1-2ft

Caliche- white silt-gravel (2ft to 10ft)

Paleontological Resource Discovery

N/A

General Impressions/Observations:

No noted observations

Photos

Photo



Photo Description
Trucks moving sediment

Photo



Photo Description
East elevation of site

Photo



Photo Description
Excavator putting sediments into trucks

Photo



Photo Description
Tolvo trucks carrying sediment

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 17, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Excavation of basin along eastern portion of project using 1 CAT 374F excavator and 1 CAT D6T dozer to impact and area of 85 ft long by 20-30 ft wide by 8-12 ft deep starting at ground surface. Later, excavation along northern portion of project area using 1 CAT 425 ft long by 24 ft wide by 2-6 ft deep starting 0-5 feet below ground surface.

Geologic Description and Results

Starting from ground surface, surficial sediments consisting of a tan, poorly compacted, moderately sorted, silty fine to medium quartz sand was observed down to 2-3.5 feet below ground surface. Quartz monzonite (qm) was observed from 2 to 12 feet below ground surface, and consisted of a white to off white, poorly to moderately sorted, moderately indurated, coast supported, angular decomposing granite and granodiorite. Horneblend inclusions were somewhat frequent. Very slightly micaceous. Some grading from medium to coarse grains was observed, possibly from weathering of upper unit. Calcite mineralization. Bottom contact was not observed. Previously observed silty fine, well compacted cap was occasionally present at 2.5-3.5 ft below ground surface.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Basin excavation corresponds with 001WRESCPolyPaleo-DI091626. Excavation along northern portion of project area corresponds with 001PolyWRESCDI-09-12-26. Unsure how granite and granodiorite would be transported here, immature quartz suggest little to no transport.

Photos

Photo



Photo Description
Southwest; overview of excavation of basin.

Photo



Photo Description
Southwest; view of excavator impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
North; view of exavator loading spoils of surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
Closeup view of surficial sediments.

Photo



Photo Description
Southeast; view of excavator at borrow pit along northern portion of project area.

Photo



Photo Description
South; view of cut wall showing surficial sediments overlaying quartz monzonite (qm).

Photo



Photo Description
South; closeup of trench wall.

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 17, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

6:30am to 8:00am
Mass Excavation
Equipment:1 excavator, 4 Tolvo Trucks, and 1 dozer
8:00am-11:30am and 12pm-5pm
Reblading and Extending V-Ditch near Dawn Road and Haitch Buildinflg
No sediment change, 5-8ft

Geologic Description and Results

No sediment change

Paleontological Resource Discovery

N/A

General Impressions/Observations:

No changes found to be observee

Photos

Photo



Photo Description
Mass excavation in the morning

Photo



Photo Description
V-ditch from anothe4 view

Photo



Photo Description
Blade cutting V-Ditch

Photo



Photo Description
V-ditch extended

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 18, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	16:45
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Mass grading along northern portion of project area, impacting an area of 425 ft long by 60 ft wide by 2-3 ft deep starting 3-4 ft below ground surface, using 1 CAT 347FI excavator, and 1 CAT D8 dozer.

Geologic Description and Results

Starting 3-4 ft bgs, Quartz monzonite (qm) consisted of a white, moderately indurated, decomposing granodiorite with smaller pockets of granite and quartz monzonite. Some calicite mineralization. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Excavation corresponds with 01WRESCPaleoPL-CM091526.

Photos

Photo



Photo Description
Southwest; view of excavators loading spoils of Quartz monzonite (qm).

Photo



Photo Description
South; view of excavation activities.

Photo



Photo Description
West; overview of cut.

Photo



Photo Description
Closeup view of Quartz monzonite (qm).

Photo



Photo Description
Closeup of chunk of Quartz monzonite (qm).

Photo



Photo Description
Southeast; view of excavation impacting Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 18, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

V-Ditch- reached Sierra Highway
10ft wide, 6ft deep, 100ft length?
No sediment change
Caliche noticed at 3-5ft

Equipment-1 dozer, 2 scrapper, and 1 Blade

Geologic Description and Results

No sediment change
Aluvium light brown sand top soil
Caliche second layer

Paleontological Resource Discovery

N/A

General Impressions/Observations:

No sediment change

Photos

Photo



Photo Description

Photo



Photo Description
Scrapper going down V-ditch

Photo



Photo Description
Blade making V-Ditch,

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 19, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	15:00
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Mass grading along northern portion of project area using 1 CAT 374Fl excavator, 1 CAT D8 dozer, and 1 CAT 14M motor grader to impact an area of ~430 ft long by 45 ft wide by 5-6 ft deep starting 2-3 ft below ground surface.

Geologic Description and Results

Starting approximately 2 ft bgs, impacted sediment consisted of surfical sediments consisting of tan, poorly compacted, silty fine quartz sand down to 3 feet bgs. Underlain by Quartz monzonite (qm) consisting of a moderately indurated granodiorite with intrusive dolomite? veins. Micaceous. Lesser pockets of granite and quartz monzonite. Upper part of unit (from 3-5 ft bgs) was finer to medium grained grains, possibly from weathering and some redepositing. Calcite mineralization more frequent along upper part of unit. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Excavation corresponds with 002WRESCPOLYDI09-12-26.

Photos

Photo



Photo Description
Southwest; overview of excavator impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
South; view of cut wall showing intrusive veining.

Photo

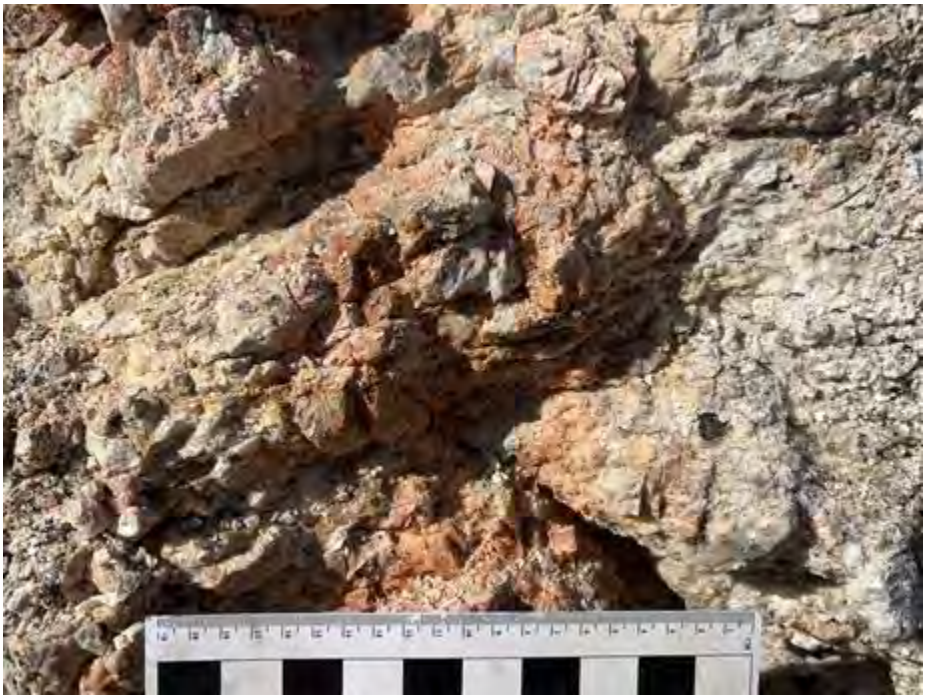


Photo Description
Closeup view of intrusive vein.

Photo



Photo Description
Closeup of Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 19, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	15:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment used-Water Truck and Blade
Location: Intersection of Sierra Highway and Dawn Road
Depth- 4-5ft
Dimensions- 20ft length monitored

Geologic Description and Results

Light brown fine sand sediment , low induration, semi-angle, alluvial, weak structure

Caliche strains at the bottom

Paleontological Resource Discovery

N/A

General Impressions/Observations:

N/A

Photos

Photo



Photo Description
Scrapper moving sediment

Photo



Photo Description
Dozer pushing sediment

Photo



Photo Description
Blade cutting sediment

Photo



Photo Description
Cut from blade

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 21, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Excavation of area along central portion of project area using 1 CAT 374Fl excavator and 1 CAT D8 dozer to impact an area of ~420 ft long by 45ft wide by 3-5 ft deep starting 0.5 to 1 ft below ground surface.

Geologic Description and Results

Starting 0.5 to 1 feet below ground surface, surficial sediments consisting of a tan to brown, loosely compacted, silty fine to medium quartz dominant sand was observed down to approximately 2.5 feet below ground surface. Underlain by Quartz monzonite (qm), locally a grey white, decomposing granodiorite and granite. Upper part of the unit is more weathered, with fine to medium angular grains and calcite mineralization observed. Lower in the unit grains are more coarse to gravely. Primarily quartz with horneblend? and lesser parts mica inclusions. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Corresponds with WRESC-CM-092126-1.

Photos

Photo



Photo Description
South; view of cut wall showing excavation activities.

Photo



Photo Description
Southeast; overview of excavation impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
Northeast; view of excavator impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
South; view of cut wall showing thick section of surficial sediments.

Photo



Photo Description
South; view of cut wall showing surficial sediments overlaying Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 21, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:00
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Equipment:Blade and scrapper

7am-9am
I monitored DIWRESCPoly18-29-26
Blade and scrapper took down a foot

1-5pm
Then next I monitored-
001WRESCPDI-09-09-26
Blade cut down inches to foot

Geologic Description and Results

Top layer-light brown sand alluvial, semi angular, weak structure

Bottom Layer- Caliche - possibly granite- white, angular, gravel

Paleontological Resource Discovery

N/A

General Impressions/Observations:

N/A

Photos

Photo



Photo Description
V-ditch

Photo



Photo Description
Watee trucks and Dozer

Photo



Photo Description
V-ditch

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 22, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:30
Prepared By:	Dozie Itiw		

Ground Disturbance Activity

Equipment- Blade, 3 Excavator, 4 volvo trucks, 3 dozer/ripper

6:30am-8:00am
Waited for spill excavation

8:00-10:00
Monitored Mass excavation-Mid center of site

10:00-11:30
Monitores the blade in North-East corner and excavation of V-Ditch-5-6ft

12:00-2pm- Monitored Mass Excavation-5ft-10ft
2pm-4pm spot check V-ditch
3pm-4pm- Spot Check Spill excavation and made a gps poly
4-5pm-Mass Excavation
5pm-5:30pm- Monitored Ripping and wetting of soils
Ripping-3ft

Geologic Description and Results

Light brown alluvial sand, weak structure, low induration, top layer, semi angular

Lower layer- Caliche white-grey granite, medium structure, medium induration, semi angular

Paleontological Resource Discovery

N/A

General Impressions/Observations:
Pay attention to spill excavation as it reached 15ft. There is a chance to see a stratigraphy column of site
Spill excavation appears to be oil dumping

Photos

Photo



Photo Description
Excavator for Spill excavation

Photo



Photo Description
V-ditch

Photo



Photo Description
Excavator and Dozer

Photo



Photo Description
Trucks dumping fill

Photo



Photo Description
Excavator digging into V-ditch

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 23, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:45
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Mass grading using 2 CAT 623K scrapers to impact and area of ~ 433 ft long by 35 ft wide by 3-3.5 ft deep starting 7-9 ft below ground surface. Excavation using 1 CAT 347Fl excavator to impact an area of ~ 420 ft long by 50 ft wide by 3.5-4.5 ft deep starting 0.5 ft below ground surface.

Geologic Description and Results

Starting approximately 0.5 feet below ground surface, surficial sediments consisted of a tan to brown, poorly compacted, silty fine to coarse (~70% fine, 30% medium to coarse) sand down to 2.5-3 feet below ground surface, slightly thicker along western extent of excavation. Surficial sediments are underlain by Quartz monzonite (qm) consisting of a grey white weathering pale white, decomposing granodiorite and granite with some lesser lenses of quartz monzonite. Upper contact with surficial sediments showed some interfingering possibly along old erosional redeposits along a zone of approximately 20 cm thick. Calcite mineralization was most present along upper contact. Coarse to gravel sized angular grains are generally more present lower in the unit, from approximately 6-12 feet below ground surface. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Mass grading corresponds with 001POLYWRESCDI-09-12-26. Excavation corresponds with WRESC-CM-092126-1. Is Quartz monzonite Kqm?

Photos

Photo



Photo Description
Southeast; view of scraper impacting Quartz monzonite (qm).

Photo



Photo Description
East; overview of cut along mass grading area.

Photo



Photo Description
North; view of excavator impacting surficial sediments and Quartz monzonite (qm).

Photo



Photo Description
South; Overview of excavation activities.

Photo



Photo Description
West; view of cut wall showing surficial sediments overlaying Quartz monzonite (qm).

Photo



Photo Description
Closeup view of possible interfingering erosional contact between Quartz monzonite (qm) and surficial sediments.

Photo



Photo Description
Closeup of surficial sediments.

Photo



Photo Description
Closeup of coarser angular grains of Quartz monzonite (qm).

Photo



Photo Description
View of possible vein within Quartz monzonite (qm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 23, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	17:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

Spot checking-

Drilling
Equipment- Mini-driller
Reached about 3ft depth

Followed Blade
Moved a foot from native sediments at bottom
Equipment- Blade
Reached about 2-5ft depth

Watched Containment Excavation
Equipment- Excavator
Reached about 2-5ft depth
Dimensions- 10x 6

Monitored Rip-Rey
Equipment-Dozer

Ripping- Reachrd 3-4ft

Geologic Description and Results

Light brown alluvial sand semi angular, low induration and low structure

Paleontological Resource Discovery

N/A

General Impressions/Observations:
N/A

Photos

Photo



Photo Description
Excavator

Photo



Photo Description
Excavator

Photo



Photo Description
V-ditch

Photo



Photo Description
Dozer

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 24, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	16:00
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Excavation using 1 CAT 347Fl excavator and 1 CAT D6T dozer to impact and area of ~ 420 ft long by 18-36 ft wide by 3-3.5 ft deep starting approximately 3.5-4 ft below ground surface.

Geologic Description and Results

Starting approximately 3.5-4 ft below ground surface, Quartz monzonite (Kqm) consisted of a grey white to white weathering pale white, decomposing granodiorite, granite, and small lenses of quartz monzonite. Slightly micaceous. In some areas, granodiorite and granite contacts could be observed, with granodiorite being slightly greyer in color. Granodiorite had higher amounts of horneblend and feldspars, thought roughly equal amounts mica. Some mineralization along second order fracture lines. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Corresponds with WRESC-CM-092126-1.

Photos

Photo



Photo Description
Southeast; overview of excavator impacting Quartz monzonite (Kqm).

Photo



Photo Description
South; view of cut.

Photo



Photo Description
Closeup of granite of Quartz monzonite (Kqm).

Photo



Photo Description
View of granodiorite over granite within Quartz monzonite (Kqm).

Photo



Photo Description
East; view of cut wall.

Photo



Photo Description
West; complete stratigraphic view showing surficial sediments atop Quartz monzonite (Kqm).

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 25, 2026	**Time In:**	06:30
Location:	Kern County, California	**Time Out:**	15:30
Prepared By:	Carlos J Martinez		

Ground Disturbance Activity

Excavation along central potion of project area using 1 CAT 347 Fl excavator and 1 CAT D6T dozer to impact and area of ~ 420 ft long by 55 ft wide by 3-4 ft deep starting approximately 1-4 ft below ground surface.

Geologic Description and Results

Starting approximately 1 foot below ground surface, surficial sediments consisted of a tan to brown, loosely compacted, silty fine to coarse sand (~70% silt to fine, 30% medium to coarse), observed down to a depth of approximately 3.5 feet below ground surface. Underlain by Quartz monzonite (Kqm) consisting of a grey white and white weathering pale white, decomposing granodiorite, granite, and lesser lenses of quartz monzonite. In some areas contact between granodiorite and granite was observed. Fracture lines were observed across unit, with one possible horsetail splay fracture. One minor fault was observed with an offset of approximately 4 cm. Calcite mineralization was present in greater abundance closer to upper contact, with some mineralization following fracture lines. Bottom contact was not exposed.

Paleontological Resource Discovery

NA

General Impressions/Observations:

Corresponds with WRESC-CM-092126-1.

Photos

Photo

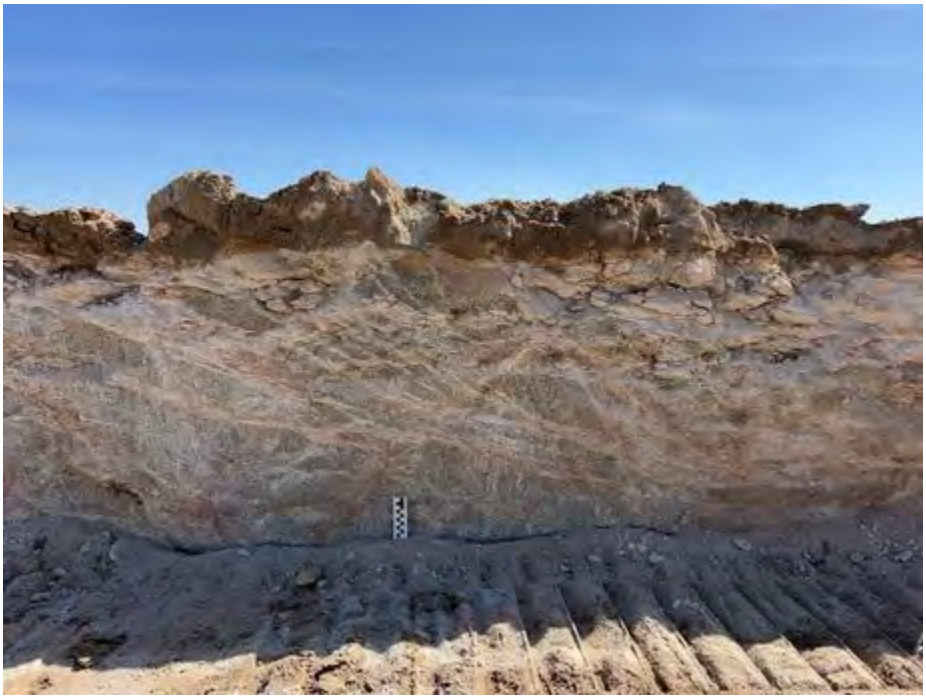


Photo Description
East; view of fractures within Quartz monzonite (Kqm).

Photo



Photo Description
Southeast; view of excavator impacting surficial sediments and Quartz monzonite (Kqm).

Photo



Photo Description
East; view of cut wall.

Photo



Photo Description
East; closeup of granodiorite of Quartz monzonite (Kqm).

Photo



Photo Description
East; View of minor fault with 4 cm offset.

Photo

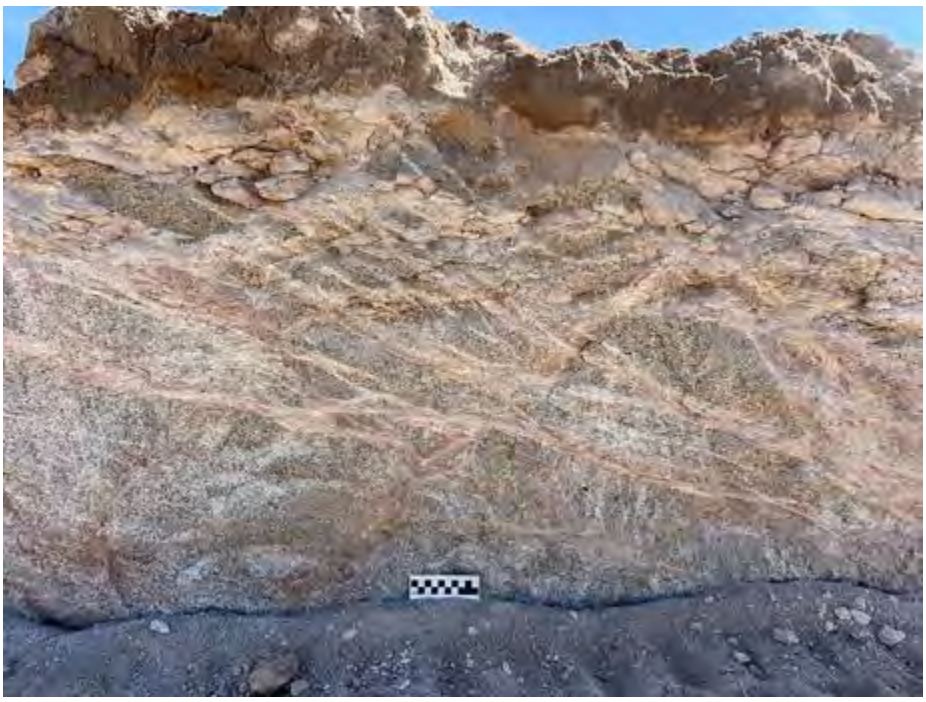


Photo Description
East; horsetail? splay fractures.

Photo



Photo Description
Northeast; overview of excavation activities.

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 1, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie		

Ground Disturbance Activity

Area behind Granite Trailers
Scrappers and dozers.
Reachinf 2ft to 3ft after continouw excavation

Geologic Description and Results

Light brown sand with reddish brown exposures and caliche eroding out

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Spotcheck other areas to see if they have gone past 2ft

Photos

Photo



Photo Description
Dozer moving sediment

Photo



Photo Description
Scrappers and Dozers moving through site

Photo



Photo Description
Water truck watering sediments

Photo



Photo Description
Excavated area

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 2, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

On standby
No disturbance over 2ft

Geologic Description and Results

N/A

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Stayed on standby. No Earth disturbance over 2ft.

Photos

Photo



Photo Description
Blade and Plates doing ground disturbance with water from Water Truck

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Photo



Photo Description
Water truck watering sediments

Photo



Photo Description
Blade cutting sediment

Photo



Photo Description
Water truck and Blade

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 3, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	14:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity

On Standby
No major earth disturbance over 2ft

Geologic Description and Results

Light brown sand

Paleontological Resource Discovery

N/A

General Impressions/Observations:

Mass excavation will stsrt Tuesday

Photos

Photo



Photo Description
Site area of grubbing and moving sediment

Photo



Photo Description
Dozer moving sediment

Photo



Photo Description
Dozer moving sediment

Monitor Signature:

WRESC Paleontology Daily Monitoring Form

Project Name:	WRESC	**Company/Client:**	Hydrostor
Date:	September 4, 2026	**Time In:**	06:00
Location:	Kern County, California	**Time Out:**	13:30
Prepared By:	Dozie Itie		

Ground Disturbance Activity
No disturbance over 2ft

Geologic Description and Results
N/A

Paleontological Resource Discovery
N/A

General Impressions/Observations:
Stayed on standby and did'nt see excavation over 2ft

Photos

Photo



Photo Description
Dozer grubbing

Photo



Photo Description
Watering sediments

Photo



Photo Description
Grubbing

Monitor Signature: