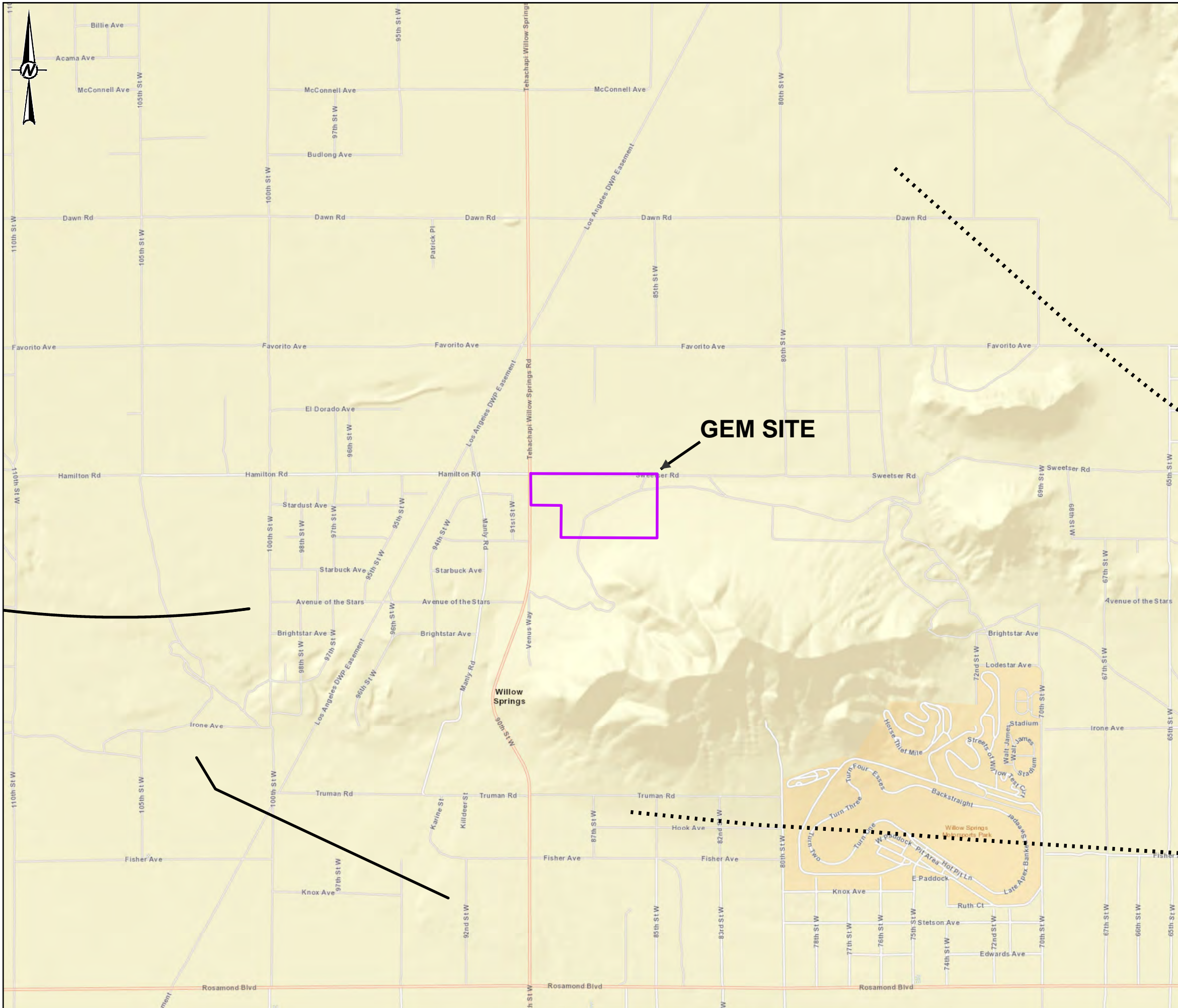


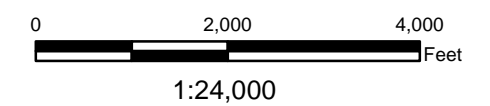
DOCKETED	
Docket Number:	21-AFC-02
Project Title:	Gem Energy Storage Center
TN #:	242792
Document Title:	Att DA54-1 Geologic Figures
Description:	N/A
Filer:	Elizabeth Diaz
Organization:	Golder Associates
Submitter Role:	Applicant Consultant
Submission Date:	4/25/2022 3:10:24 PM
Docketed Date:	4/25/2022



LEGEND

- GEM SITE
- QUARTEINARY FAULTS**
- FAULT, CERTAIN
- FAULT, CONCEALED

GEM SITE



NOTES
 SOURCE DATA: [HTTPS://MAPS.CONSERVATION.CA.GOV/](https://maps.conservation.ca.gov/)

REFERENCE
 COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V
 FIPS 0405 FEET

CLIENT
 HYDROSTOR INC.

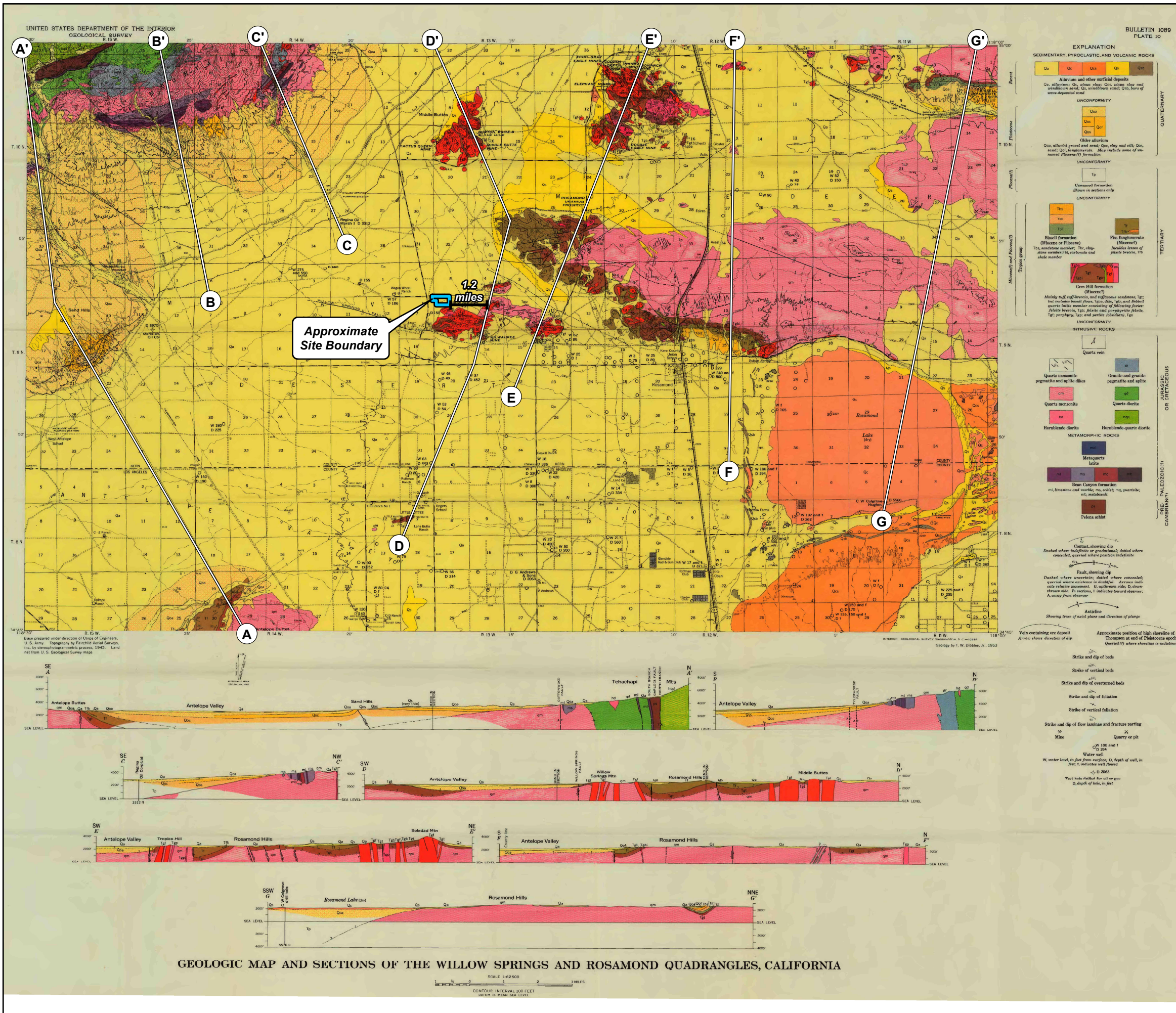
PROJECT
 GEM ENERGY STORAGE CENTER

TITLE
 FAULT MAP

CONSULTANT	YYYY-MM-DD	2022-04-11
GOLDER MEMBER OF WSP	PREPARED	JAM
	DESIGN	MR
	REVIEW	JB
	APPROVED	RPCE

Path: G:\Site\MoreBay_Reform\MapLandUse\GEM\Rev1\Figure5.4-1_Fault_Map.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSB



LEGEND

APPROXIMATE SITE BOUNDARY

GEOLOGIC SECTION ALIGNMENTS

EXPLANATION

SEDIMENTARY, PYROCLASTIC, AND VOLCANIC ROCKS

Quaternary

Aluvium and other surficial deposits
 Qa, alluvium; Qc, stream channel; Qd, stream flow and windblown sand; Qe, windblown sand; Qf, bare of wind-deposited sand

UNCONFORMITY

Qoc
 Older alluvium
 Qos, alluvial gravel and sand; Qoc, clay and silt; Qos, sand; Qof, fan gravels. May include some of unnamed Pleistocene (?) formation

Tertiary

UNCONFORMITY

Tp
 Unnamed formation
 Shown in sections only

UNCONFORMITY

Tss
 Tsc
 Tst
 Tm
 Tn
 Tt
 Tz

INTRUSIVE ROCKS

Quartz vein
 Quartz monzonite
 pegmatite and apophysis
 Quartz monzonite
 Hornblende diorite

Granite and granite pegmatite and apophysis
 Quartz diorite
 Hornblende-quartz diorite

METAMORPHIC ROCKS

Metagranite
 Metadiorite
 Pelitic schist

PRE-CAMBRIAN (?)

JURASSIC OR CRETACEOUS

CONTACTS

Contact, showing dip
 Dashed where indefinite or gradual; dotted where concealed; quarred where position indefinite

FAULTS

Fault, showing dip
 Dashed where uncertain; dotted where concealed; quarred where position is doubtful; arrows indicate relative movement. U, upthrown side; D, downthrown side. In sections, T indicates toward observer; A, away from observer

ANTICLINE

Showing trace of axial plane and direction of plunge

VEINS

Vein containing ore deposit
 Arrow shows direction of dip

SHORELINES

Approximate position of high shoreline of Lake Thompson at end of Pleistocene epoch
 Quarred (?) where shoreline is indistinct

Scale

0 1:180,000 9 Miles

REFERENCE

GEOLOGIC MAP: UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY, 1963.

CLIENT

HYDROSTOR INC.

PROJECT

GEM ENERGY STORAGE CENTER

TITLE

GEOLOGIC MAP AND SECTIONS OF THE WILLOW SPRINGS AND ROSAMOND QUADRANGLES, CALIFORNIA

CONSULTANT

YYYY-MM-DD 2022-04-14
 PREPARED KJC
 DESIGN JB
 REVIEW JB
 APPROVED RPCE

GOLDER
 MEMBER OF WSP

PROJECT No. 20449449 **CONTROL** --- **Rev.** --- **FIGURE** 5.4-6

Path: G:\GIS\Site\MapDocs\Rosamond\MapDocs\Geology\GEM\Figures\4-6_Geologic_map.mxd

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