

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900	SAP POSITION NUMBER 50068778	MCR 1
APPOINTEE TBD		SAP PERSONNEL NO. TBD	DIVISION/SECTION DOE/Design/Project Geology	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R09				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Jennifer Dean	SUPERVISOR'S CLASSIFICATION Senior Engineering Geologist	
APPROVED BY (Personnel Analyst's Name) Estevez Contreras			DATE 04/15/2025	
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY Under direction of a Senior Engineering Geologist and/or Supervising Engineering Geologist, provides timely, cost effective, and quality engineering geology services to meet the needs of the client. Works proactively to analyze situations and take effective action to complete projects on time and within budget. Coordinates efforts with other participants, the Client, Section and Branch Chiefs, and Division Management.			
25%	ESSENTIAL FUNCTIONS This position requires the incumbent to work cooperatively with others and maintain consistent and regular attendance. The specific essential duties are: Compiles, analyzes, and evaluates geologic data obtained in the field and laboratory, from existing instrumentation and from existing databases. Synthesizes the results with existing knowledge, and develops findings, conclusions, and recommendations for action to present to Division Program Manager and Client. Prepares clear and succinct memorandums/reports to document findings, conclusions, and recommendations. Uses Microsoft Word, Excel, PowerPoint, gINT, TabLogs, ArcGIS, Adobe Software Suite, and other computer programs to assist in report preparation. Such documents are prepared so only a minimum amount of editing by supervisor is required.			
20%	Performs field explorations and engineering geologic evaluations. Maps geologic conditions at project sites. Performs geophysical measurements, in-place geotechnical tests, and installs geotechnical instrumentation in the field. Examines and evaluates seismotectonic features. Locates, identifies, classifies, and analyzes the nature, extent, and occurrence of soil and rock suitable for construction purposes. Determines the sequence, structure, and relationship of geologic formations as they affect project facilities. Determines the occurrence of groundwater, its quality, and drainage requirements. Performs inspections of slopes, embankments, tunnels, pipes, and other civil works.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print)		SUPERVISOR'S SIGNATURE		DATE
		➤		
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print)		EMPLOYEE'S SIGNATURE		DATE
		➤		

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION		DWR POSITION NUMBER		SAP POSITION NUMBER	MCR
Engineering Geologist (Permanent, Intermittent)		3485-3756-900		50068778	1
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION		
TBD		TBD	DOE/Design/Project Geology		
Percent of Time	Activity				
20%	Oversees and tracks the work of exploration contractors in the field. Selects, obtains, and packages samples of soil, rock, water, and other natural fluids for transport to laboratories for testing. Logs and photographs geologic conditions exposed by subsurface exploration. Drives pick-up truck off road usually on rugged terrain to and from the job sites.				
15%	Prepares geologic profiles, cross sections, structure maps, charts and graphs.				
10%	Develops and recommends drilling and other explorations programs. Prepares specifications and contracts for exploration services; handles contract correspondence and bidders tours. Arranges for right of way and environmental clearances.				
5%	Logs geologic conditions exposed during construction of features of State Water Project and other facilities. Evaluates and approves foundations for construction. Supervises foundation grouting during construction.				
5%	Provides on the job training, guidance, and technical direction and/or support to others in the Project Geology Section.				
	SPECIAL REQUIREMENTS Range D Incumbent must maintain a valid California Professional Geologist license from the Board of Professional Engineers, Land Surveyors and Geologists. The incumbent must possess a valid California Driver’s License. The incumbent will need to be available to travel statewide. Incumbent must also be able to make field inspections and site visits in areas of difficult access such as tunnels, test pits, trenches, confined spaces, and on steep slopes. Field inspections and site visits may require hiking and/or climbing over rugged terrain. The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. DWR supports a workforce of both office-centered and remote-centered workers. Regular and consistent attendance, whether office-centered or remote-centered, is essential to the successful performance in this position.				
	OTHER RESPONSIBILITIES This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during governor declared emergencies, flood, dam SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as CalOES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department’s Administrative Orders.				

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900		SAP POSITION NUMBER 50068778		MCR 1	
APPOINTEE TBD		SAP PERSONNEL NO. TBD		DIVISION/SECTION DOE/Design/Project Geology			
<i>Percent of Time</i>		<i>Activity</i>					
		<p>DIVERSITY, EQUITY AND INCLUSION</p> <p>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</p>					

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900	SAP POSITION NUMBER 50103280	MCR 1
APPOINTEE TBD		SAP PERSONNEL NO. TBD	DIVISION/SECTION DOE/Design/Project Geology	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R09				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Bradley Von Dessonneck	SUPERVISOR'S CLASSIFICATION Senior Engineering Geologist	
APPROVED BY (Personnel Analyst's Name) Estevez Contreras			DATE 04/15/2025	
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY Under direction of a Senior Engineering Geologist and/or Supervising Engineering Geologist, provides timely, cost effective, and quality engineering geology services to meet the needs of the client. Works proactively to analyze situations and take effective action to complete projects on time and within budget. Coordinates efforts with other participants, the Client, Section and Branch Chiefs, and Division Management.			
25%	ESSENTIAL FUNCTIONS This position requires the incumbent to work cooperatively with others and maintain consistent and regular attendance. The specific essential duties are: Compiles, analyzes, and evaluates geologic data obtained in the field and laboratory, from existing instrumentation and from existing databases. Synthesizes the results with existing knowledge, and develops findings, conclusions, and recommendations for action to present to Division Program Manager and Client. Prepares clear and succinct memorandums/reports to document findings, conclusions, and recommendations. Uses Microsoft Word, Excel, PowerPoint, gINT, TabLogs, ArcGIS, Adobe Software Suite, and other computer programs to assist in report preparation. Such documents are prepared so only a minimum amount of editing by supervisor is required.			
20%	Performs field explorations and engineering geologic evaluations. Maps geologic conditions at project sites. Performs geophysical measurements, in-place geotechnical tests, and installs geotechnical instrumentation in the field. Examines and evaluates seismotectonic features. Locates, identifies, classifies, and analyzes the nature, extent, and occurrence of soil and rock suitable for construction purposes. Determines the sequence, structure, and relationship of geologic formations as they affect project facilities. Determines the occurrence of groundwater, its quality, and drainage requirements. Performs inspections of slopes, embankments, tunnels, pipes, and other civil works.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print)		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print)		EMPLOYEE'S SIGNATURE ➤		DATE

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION		DWR POSITION NUMBER		SAP POSITION NUMBER	MCR
Engineering Geologist (Permanent, Intermittent)		3485-3756-900		50103280	1
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION		
TBD		TBD	DOE/Design/Project Geology		
Percent of Time	Activity				
20%	Oversees and tracks the work of exploration contractors in the field. Selects, obtains, and packages samples of soil, rock, water, and other natural fluids for transport to laboratories for testing. Logs and photographs geologic conditions exposed by subsurface exploration. Drives pick-up truck off road usually on rugged terrain to and from the job sites.				
15%	Prepares geologic profiles, cross sections, structure maps, charts and graphs.				
10%	Develops and recommends drilling and other explorations programs. Prepares specifications and contracts for exploration services; handles contract correspondence and bidders tours. Arranges for right of way and environmental clearances.				
5%	Logs geologic conditions exposed during construction of features of State Water Project and other facilities. Evaluates and approves foundations for construction. Supervises foundation grouting during construction.				
5%	Provides on the job training, guidance, and technical direction and/or support to others in the Project Geology Section.				
SPECIAL REQUIREMENTS					
Range D Incumbent must maintain a valid California Professional Geologist license from the Board of Professional Engineers, Land Surveyors and Geologists.					
The incumbent must possess a valid California Driver’s License. The incumbent will need to be available to travel statewide. Incumbent must also be able to make field inspections and site visits in areas of difficult access such as tunnels, test pits, trenches, confined spaces, and on steep slopes. Field inspections and site visits may require hiking and/or climbing over rugged terrain.					
The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. DWR supports a workforce of both office-centered and remote-centered workers. Regular and consistent attendance, whether office-centered or remote-centered, is essential to the successful performance in this position.					
OTHER RESPONSIBILITIES					
This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during governor declared emergencies, flood, dam SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as CalOES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department’s Administrative Orders.					

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900		SAP POSITION NUMBER 50103280		MCR 1	
APPOINTEE TBD		SAP PERSONNEL NO. TBD		DIVISION/SECTION DOE/Design/Project Geology			
<i>Percent of Time</i>	<i>Activity</i>						
	<p>DIVERSITY, EQUITY AND INCLUSION</p> <p>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</p>						

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900	SAP POSITION NUMBER 50103331	MCR 1
APPOINTEE TBD		SAP PERSONNEL NO. TBD	DIVISION/SECTION DOE/Design/Project Geology	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R09				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Matthew Buche		SUPERVISOR'S CLASSIFICATION Senior Engineering Geologist
APPROVED BY (Personnel Analyst's Name) Estevez Contreras				DATE 04/15/2025
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY Under direction of a Senior Engineering Geologist and/or Supervising Engineering Geologist, provides timely, cost effective, and quality engineering geology services to meet the needs of the client. Works proactively to analyze situations and take effective action to complete projects on time and within budget. Coordinates efforts with other participants, the Client, Section and Branch Chiefs, and Division Management.			
25%	ESSENTIAL FUNCTIONS This position requires the incumbent to work cooperatively with others and maintain consistent and regular attendance. The specific essential duties are: Compiles, analyzes, and evaluates geologic data obtained in the field and laboratory, from existing instrumentation and from existing databases. Synthesizes the results with existing knowledge, and develops findings, conclusions, and recommendations for action to present to Division Program Manager and Client. Prepares clear and succinct memorandums/reports to document findings, conclusions, and recommendations. Uses Microsoft Word, Excel, PowerPoint, gINT, TabLogs, ArcGIS, Adobe Software Suite, and other computer programs to assist in report preparation. Such documents are prepared so only a minimum amount of editing by supervisor is required.			
20%	Performs field explorations and engineering geologic evaluations. Maps geologic conditions at project sites. Performs geophysical measurements, in-place geotechnical tests, and installs geotechnical instrumentation in the field. Examines and evaluates seismotectonic features. Locates, identifies, classifies, and analyzes the nature, extent, and occurrence of soil and rock suitable for construction purposes. Determines the sequence, structure, and relationship of geologic formations as they affect project facilities. Determines the occurrence of groundwater, its quality, and drainage requirements. Performs inspections of slopes, embankments, tunnels, pipes, and other civil works.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print)		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print)		EMPLOYEE'S SIGNATURE ➤		DATE

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION		DWR POSITION NUMBER	SAP POSITION NUMBER	MCR
Engineering Geologist (Permanent, Intermittent)		3485-3756-900	50103331	1
APPOINTEE		SAP PERSONNEL NO.	DIVISION/SECTION	
TBD		TBD	DOE/Design/Project Geology	
Percent of Time	Activity			
20%	Oversees and tracks the work of exploration contractors in the field. Selects, obtains, and packages samples of soil, rock, water, and other natural fluids for transport to laboratories for testing. Logs and photographs geologic conditions exposed by subsurface exploration. Drives pick-up truck off road usually on rugged terrain to and from the job sites.			
15%	Prepares geologic profiles, cross sections, structure maps, charts and graphs.			
10%	Develops and recommends drilling and other explorations programs. Prepares specifications and contracts for exploration services; handles contract correspondence and bidders tours. Arranges for right of way and environmental clearances.			
5%	Logs geologic conditions exposed during construction of features of State Water Project and other facilities. Evaluates and approves foundations for construction. Supervises foundation grouting during construction.			
5%	Provides on the job training, guidance, and technical direction and/or support to others in the Project Geology Section.			
SPECIAL REQUIREMENTS				
Range D Incumbent must maintain a valid California Professional Geologist license from the Board of Professional Engineers, Land Surveyors and Geologists.				
The incumbent must possess a valid California Driver’s License. The incumbent will need to be available to travel statewide. Incumbent must also be able to make field inspections and site visits in areas of difficult access such as tunnels, test pits, trenches, confined spaces, and on steep slopes. Field inspections and site visits may require hiking and/or climbing over rugged terrain.				
The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. DWR supports a workforce of both office-centered and remote-centered workers. Regular and consistent attendance, whether office-centered or remote-centered, is essential to the successful performance in this position.				
OTHER RESPONSIBILITIES				
This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during governor declared emergencies, flood, dam SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as CalOES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department’s Administrative Orders.				

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Engineering Geologist (Permanent, Intermittent)		DWR POSITION NUMBER 3485-3756-900		SAP POSITION NUMBER 50103331		MCR 1	
APPOINTEE TBD		SAP PERSONNEL NO. TBD		DIVISION/SECTION DOE/Design/Project Geology			
<i>Percent of Time</i>	<i>Activity</i>						
	<p>DIVERSITY, EQUITY AND INCLUSION</p> <p>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</p>						