

File Code _____
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**U.S DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUNDWATER SITE SCHEDULE
General Site Data**

AGENCY CODE (C4) **USGS** SITE ID (C1) _____ PROJECT (C5) _____

STATION NAME (C12/900) _____

SITE TYPE (C802) Primary Secondary DISTRICT (C6) _____ COUNTRY (C41) _____ STATE (C7) _____

COUNTY or TOWN (C8) _____ County code _____

LATITUDE (C9) _____ LONGITUDE (C10) _____ LAT/LONG ACCURACY (C11) **H 1 5 S R F T M U**
Hndrth sec. tenth sec. half sec. 3 sec. 5 sec. 10 sec. min. Unknown

LAT/LONG METHOD (C35) **C D G L M N R S U** LAT/LONG DATUM (C36) **NAD27 NAD83** ALTITUDE (C16) _____
land net DGPS GPS LORAN map inter-polated digital map reported survey un-known North American Datum of 1927 North American Datum of 1983

ALTITUDE ACCURACY (C18) _____ ALTITUDE METHOD (C17) **A D G I J L M N R U** ALTITUDE DATUM (C22) **NGVD29 NAVD88**
altimeter DGPS GPS IfSAR LIDAR Level map DEM re-ported un-known National Geodetic Vertical Datum of 1929 North American Vertical Datum of 1988

LAND NET (C13) _____ S _____ T _____
1/4 1/4 1/4 section township range merid

TOPO-GRAPHIC SETTING (C19) **A B C D E F G H K L M O P S T U V W**
alluvial fan playa stream channel depression dunes flat floodplain hill-top sink-hole lake or swamp mangrove swamp off-shore pediment hill-side terrace undulating valley flat upland draw

HYDROLOGIC UNIT CODE (C20) _____ DRAINAGE BASIN CODE (C801) _____ STANDARD TIME ZONE (C813) _____ DAYLIGHT SAVINGS TIME FLAG (C814) **Y OR N**

MAP NAME (C14) _____ MAP SCALE (C15) _____

AGENCY USE (C803) **A D I L M O R** 2 NATIONAL WATER-USE (C39) _____
active no/na discontinued site active written oral inventory remediated site

DATA TYPE (C804) Place an 'A' (active), an 'I' (inactive), or an 'O' (inventory) in the appropriate box
WL cont WL int QW cont QW int PR cont PR int EV cont EV int wind vel. tide cont tide int sed. con sed. ps peak flow low flow state water use

INSTRUMENTS (C805) (Place a "Y" in the appropriate box):
digital rec-order graphic rec-order tele-metry land line tele-metry radio tele-metry satellite AHDAS crest-stage gage tide gage deflection meter bubble gage stilling well CR type recorder weighing rain gage tipping bucket rain gage acoustic velocity meter electro-magnetic flowmeter pressure transducer

DATE INVENTORIED (C711) _____ RECORD READY FOR WEB (C32) **Y C P L**
month day year ready to display conditional proprietary local use only

REMARKS (C806) _____

FOOTNOTES

1 SITE TYPE (C802)

GL	Glacier	OC	Ocean	GW	Well	SB	Subsurface
WE	Wetland	OC-CO	Coastal	GW-CR	Collector or Ranney type well	SB-CV	Cave
AT	Atmosphere	LK	Lake, Reservoir,	GW-EX	Extensometer well	SB-GWD	Groundwater drain
ES	Estuary		Impoundment	GW-HZ	Hyporheic -zone well	SB-TSM	Tunnel, shaft, or mine
LA	Land	SP	Spring	GW-IW	Interconnected wells	SB-UZ	Unsaturated zone
LA-EX	Excavation	ST	Stream	GW-TH	Test hole not completed as a well		
LA-OU	Outcrop	ST-CA	Canal	GW-MW	Multiple wells		
LA-SNK	Sinkhole	ST-DCH	Ditch				
LA-SH	Soil hole	ST-TS	Tidal stream				
LA-SR	Shore	FA-WIW	Waste-Injection well				

2 **WS DO CO IN IR MI LV PH ST RM TE AQ**
water supply domestic commercial industrial irrigation mining livestock power hydro-electric waste water treatment remediation thermo-electric aquaculture

C22 Other (see manual for codes)
C36 Other (see manual for codes)
C39 is mandatory for all sites having data in SWUDS.

GENERAL SITE DATA

DATA RELIABILITY (C3) **C L M U**
field checked poor location minimal data un-checked

DATE OF FIRST CONSTRUCTION (C21) --
month day year

USE OF SITE (C23) **A C D E G H M O P R S T U V W X Z**
anode standby emer. supply drain geo-thermal seismic heat reservoir mine obser- vation oil or gas recharge repres- urize test unused with- drawal/ return with- drawal waste destroyed

SECONDARY USE OF SITE (C301) (See use of site) TERTIARY USE OF SITE (C302) (See use of site)

USE OF WATER (C24) **A B C D E F H I J K M N P Q R S T U Y Z**
air cond. bottling comm- ercial water power fire domes- tic irri- gation indus- trial (cooling) mining medi- cal indus- trial public supply aqua- culture recrea- tions stock insti- tutional unused desalin- ation other

SECONDARY USE OF WATER (C25) (see use of water) TERTIARY USE OF WATER (C26) (see use of water)

AQUIFER TYPE (C713) **U N C M X**
unconfined single unconfined multiple confined single confined multiple mixed

PRIMARY AQUIFER (C714) NATIONAL AQUIFER (C715)

HOLE DEPTH (C27) WELL DEPTH (C28) SOURCE OF DEPTH DATA (C29) **A D G L M O R S Z**
other gov't driller geol- ogist logs memory owner other reported other

WATER-LEVEL DATA

DATE WATER-LEVEL MEASURED (C235) -- TIME (C709)
month day year

WATER-LEVEL TYPE CODE (C243) **L M S**
land surface meas. vertical pt. datum

WATER LEVEL (C237/241/242) MP SEQUENCE NO. (C248) (Mandatory if WL type=M)

WATER-LEVEL DATUM (C245) (Mandatory if WL type=S) **NGVD29 NAVD88**
National Geodetic Vertical Datum Of 1929 North American Vertical Datum Of 1988 Other (See manual for codes)

SITE STATUS FOR WATER LEVEL (C238) **A B C D E F G H I J M N O P R S T V W X Z**
atmos. pressure stage ice dry recently flowing flowing nearby flowing nearby recently flowing injector site injector site monitor plugged measure- ment discontinued obstruction pumping recently pumped nearby pumping nearby recently pumped foreign sub- stance well des- troyed affected by surface water other

METHOD OF WATER-LEVEL MEASUREMENT (C239) **A B C D E F G H L M N O P R S T V Z**
airline analog calibrated airline differential GPS esti- mated trans- ducer pressure gage calibrated gage geophys- ical logs mano- meter non-rec. observed acoustic pulse reported steel tape electric tape calibrated other elec. tape

WATER-LEVEL ACCURACY (C276) **0 1 2 9**
foot tenth hun- dredth not to nearest foot

SOURCE OF WATER-LEVEL DATA (C244) **A D G L M O R S Z**
other gov't driller's log geol- ogist geophys- ical logs memory owner other reported reporting agency other

PERSON MAKING MEASUREMENT (C246) (WATER LEVEL PARTY) MEASURING AGENCY (C247) (SOURCE) EQUIP ID (C249) (20 char)

REMARKS (C267) (256 char) RECORD READY FOR WEB (C858) **Y C P L**
ready to display condi- tional proprie- tary local use only

CONSTRUCTION DATA

RECORD TYPE (C754) **CONS** RECORD SEQUENCE NO. (C723) DATE OF COMPLETED CONSTRUCTION (C60) --
month day year

NAME OF CONTRACTOR (C63) SOURCE OF DATA (C64) **A D G L M O R S Z**
other gov't driller geol- ogist logs memory owner other reported reporting agency other

METHOD OF CONSTRUCTION (C65) **A B C D H J P R S T V W Z**
air-rotary bored or augered cable tool dug hydraulic rotary jetted air percus- sion reverse rotary sonic trenching driven drive wash other

TYPE OF FINISH (C66) **C F G H O P S T W X Z**
porous concrete gravel w/perf. gravel screen horiz. gallery open end perf or slotted screen sand point walled open hole other

TYPE OF SEAL (C67) **B C G N Z**
bentonite clay cement grout none other

BOTTOM OF SEAL (C68) METHOD OF DEVELOPMENT (C69) **A B C J N P S Z**
air-lift pump bailed compressed air jetted none pumped surged other

HOURS OF DEVELOPMENT (C70) SPECIAL TREATMENT (C71) **C D E F H M Z**
chemi- cals dry ice explo- sives defloc- culent hydro- frac- turing mech- anical other

CONSTRUCTION HOLE DATA (3 sets shown)

RECORD TYPE (C756) **HOLE** RECORD SEQUENCE NO. (C724) SEQUENCE NO. OF PARENT RECORD (C59)

DEPTH TO TOP OF INTERVAL (C73) . DEPTH TO BOTTOM OF INTERVAL (C74) . DIAMETER OF INTERVAL (C75) .

RECORD SEQUENCE NO. (C724)

DEPTH TO TOP OF INTERVAL (C73) . DEPTH TO BOTTOM OF INTERVAL (C74) . DIAMETER OF INTERVAL (C75) .

RECORD SEQUENCE NO. (C724)

DEPTH TO TOP OF INTERVAL (C73) . DEPTH TO BOTTOM OF INTERVAL (C74) . DIAMETER OF INTERVAL (C75) .

CONSTRUCTION CASING DATA (4 sets shown)

RECORD TYPE (C758) **CASING** RECORD SEQUENCE NO. (C725) SEQUENCE NO. OF PARENT RECORD (C59)

DEPTH TO TOP OF CASING (C77) . DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

4 CASING MATERIAL (C80) CASING THICKNESS (C81) .

RECORD SEQUENCE NO. (C725) SEQUENCE NO. OF PARENT RECORD (C59)

DEPTH TO TOP OF CASING (C77) . DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

4 CASING MATERIAL (C80) CASING THICKNESS (C81) .

RECORD SEQUENCE NO. (C725) SEQUENCE NO. OF PARENT RECORD (C59)

DEPTH TO TOP OF CASING (C77) . DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

4 CASING MATERIAL (C80) CASING THICKNESS (C81) .

RECORD SEQUENCE NO. (C725) SEQUENCE NO. OF PARENT RECORD (C59)

DEPTH TO TOP OF CASING (C77) . DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

4 CASING MATERIAL (C80) CASING THICKNESS (C81) .

FOOTNOTE:

4 CASING MATERIAL CODES

A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	4	6
abs	brick	concrete	copper	PTFE	Fiber-glass	galv. iron	Fiber-glass	wrought iron	Fiber-glass epoxy	PVC thread-	glass	other metal	PVC glued	PVC or FEP plastic	rock or stone	steel	tile	coated steel	stain-less steel	wood	steel carbon	steel galvanized	other mat.	stain-less 304	stain-less 316	

CONSTRUCTION LIFT DATA

RECORD TYPE (C752) **L I F T** RECORD SEQUENCE NO. (C254) [] TYPE OF LIFT (C43) **A B C J P R S T U X Z**
air bucket centri-fugal jet piston rotary submer-sible turbine un-known no lift other

DATE RECORDED (C38) [] - [] - [] PUMP INTAKE DEPTH (C44) [] TYPE OF POWER (C45) **D E G H L N S W Z**
month day year diesel electric gaso-line hand LP gas natural gas solar windmill other

HORSE-POWER RATING (C46) [] . [] MANUFACTURER (C48) [] SERIAL NO. (C49) []

POWER COMPANY (C50) [] POWER COMPANY ACCOUNT NUMBER (C51) []

POWER METER NUMBER (C52) [] PUMP RATING (C53) (million gallons/units of fuel) [] . [] ADDITIONAL LIFT (C255) []

PERSON OR COMPANY MAINTAINING PUMP (C54) [] RATED PUMP CAPACITY (C268) (gpm) [] STANDBY POWER (C56) (see TYPE OF POWER) []

HORSEPOWER OF STANDBY POWER SOURCE (C57) [] . []

MISCELLANEOUS OWNER DATA

RECORD TYPE (C768) **O W N E R** RECORD SEQUENCE NO. (C718) [] DATE OF OWNERSHIP (C159) [] - [] - []

WU OWNER TYPE (C350) **CP GV IN MI OT TG WS** END DATE OF OWNERSHIP (C374) [] - [] - []
Corporation Govern-ment Individual Military Other Tribal Water Supplier

OWNER'S NAME (C161) []

EXAMPLES: JONES, RALPH A.
 JONES CONSTRUCTION COMPANY

OWNER'S PHONE NUMBER (C351) [] ACCESS TO OWNER'S NAME (C352) **0 1 2 3 4**
Public Access Coop-erator USGS Only District Proprietary Only

OWNER'S ADDRESS (LINE 1) (C353) []

OWNER'S ADDRESS (LINE 2) (C354) []

OWNER'S CITY NAME (C355) []

STATE (C356) [] OWNER'S ZIP CODE (C357) [] - []

OWNER'S COUNTRY NAME (C358) []

ACCESS TO OWNER'S PHONE/ADDRESS (C359) **0 1 2 3 4**
Public Access Coop-erator USGS Only District Proprietary Only

MISCELLANEOUS VISIT DATA

RECORD TYPE (C774) **V I S I T** RECORD SEQUENCE NO. (C737) [] DATE OF VISIT (C187) [] - [] - []
month day year

NAME OF PERSON (C188) []

MISCELLANEOUS OTHER ID DATA (2 sets shown)

RECORD TYPE (C770) **O T I D** RECORD SEQUENCE NO. (C736) OTHER ID (C190)

ASSIGNER (C191)

RECORD SEQUENCE NO. (C736) OTHER ID (C190)

ASSIGNER (C191)

MISCELLANEOUS OTHER DATA

RECORD TYPE (C772) **O T D T** RECORD SEQUENCE NO. (C312)

OTHER DATA TYPE (C181)

OTHER DATA LOCATION (C182) **C D R Z** DATA FORMAT (C261) **F M P Z**

Cooperator's Office, District Office, Reporting Agency, other files, machine readable, published, other

MISCELLANEOUS LOGS DATA (3 sets shown)

RECORD TYPE (C778) **L O G S** RECORD SEQUENCE NO. (C739) TYPE OF LOG (C199)

BEGINNING DEPTH (C200) . ENDING DEPTH (C201) . SOURCE OF DATA (C202) **A D G L M O R S Z**

other gov't, driller, geologist, logs, memory owner, other reported, reporting agency

DATA FORMAT (C225) **F M P Z** OTHER DATA LOCATION (C226)

files, machine readable, published, other

RECORD TYPE (C778) **L O G S** RECORD SEQUENCE NO. (C739) TYPE OF LOG (C199)

BEGINNING DEPTH (C200) . ENDING DEPTH (C201) . SOURCE OF DATA (C202) **A D G L M O R S Z**

other gov't, driller, geologist, logs, memory owner, other reported, reporting agency

DATA FORMAT (C225) **F M P Z** OTHER DATA LOCATION (C226)

files, machine readable, published, other

RECORD TYPE (C778) **L O G S** RECORD SEQUENCE NO. (C739) TYPE OF LOG (C199)

BEGINNING DEPTH (C200) . ENDING DEPTH (C201) . SOURCE OF DATA (C202) **A D G L M O R S Z**

other gov't, driller, geologist, logs, memory owner, other reported, reporting agency

DATA FORMAT (C225) **F M P Z** OTHER DATA LOCATION (C226)

files, machine readable, published, other

- | | | | |
|---|--|--|--|
| <p>ACOUSTIC LOG:
 AS Sonic
 AV Acoustic velocity
 AW Acoustic waveform
 AT Acoustic televiewer</p> <p>CALIPER LOG:
 CP Caliper
 CS Caliper, single arm
 CT Caliper, three arm
 CM Caliper, multi arm
 CA Caliper, acoustic</p> <p>DRILLING LOG:
 DT Drilling time
 DR Drillers
 DG Geologists
 DC Core</p> <p>ELECTRIC LOG:
 EE Electric
 ER Single-point resistance
 EP Spontaneous potential
 EL Long-normal resistivity
 ES Short-normal resistivity
 EF Focused resistivity
 ET Lateral resistivity
 EN Microresistivity
 EC Microresistivity, focused
 EO Microresistivity, lateral
 ED Dipmeter</p> | <p>ELECTROMAGNETIC LOG:
 MM Magnetic log
 MS Magnetic susceptibility log
 MI Electromagnetic induction log
 MD Electromagnetic dual induction log
 MR Radar reflection image log
 MV Radar direct-wave velocity log
 MA Radar direct-wave amplitude log</p> <p>FLUID LOG:
 FC Fluid conductivity
 FR Fluid resistivity
 FT Fluid temperature
 FF Fluid differential temperature
 FV Fluid velocity
 FS Spinner flowmeter
 FH Heat-pulse flowmeter
 FE Electromagnetic flowmeter
 FD Doppler flowmeter
 FA Radioactive tracer
 FY Dye tracer
 FB Brine tracer</p> <p>NUCLEAR LOG:
 NG Gamma
 NS Spectral gamma
 NA Gamma-gamma
 NN Neutron
 NT Neutron activation
 NM Nuclear magnetic resonance</p> | <p>OPTICAL LOG:
 OV Video
 OF Fisheye video
 OS Sidewall video
 OT Optical televiewer</p> <p>COMBINATION LOG:
 ZF Gamma, fluid resistivity, temperature
 ZI Gamma, electromagnetic induction
 ZR Long/short normal resistivity
 ZT Fluid resistivity, temperature
 ZM Electromagnetic flowmeter, fluid resistivity, temperature
 ZN Long/short normal resistivity, spontaneous potential
 ZP Single-point resistance, spontaneous potential
 ZE Gamma, long/short normal resistivity, spontaneous potential, single-point resistance, fluid resistivity, temperature</p> | <p>WELL CONSTRUCTION LOG:
 WC Casing collar
 WD Borehole deviation</p> <p>OTHER LOG:
 OR Other</p> |
|---|--|--|--|

MISCELLANEOUS NETWORK DATA (3 types shown)

RECORD TYPE (C780) **NETW** RECORD SEQUENCE NO. (C730) TYPE OF NETWORK (C706) **QW** BEGINNING YEAR (C115) ENDING YEAR (C116)
water quality

TYPE OF ANALYSIS (C120) **A B C D E F G H I J K L M N P Z**
physical properties common ions trace elements pesticides nutrients sanitary analysis codes D&B codes B&E codes B&C codes B&F codes D&E codes C,D&E all or most codes B&C& radioactive codes B,C&A other

SOURCE AGENCY (C117) ⁷FREQUENCY OF COLLECTION (C118) ANALYZING AGENCY (C307) ⁸PRIMARY NETWORK SITE (C257) ⁸SECONDARY NETWORK SITE (C708)

RECORD TYPE (C780) **NETW** RECORD SEQUENCE NO. (C730) TYPE OF NETWORK (C706) **WL** BEGINNING YEAR (C115) ENDING YEAR (C116)
water level

SOURCE AGENCY (C117) ⁷FREQUENCY OF COLLECTION (C118) ⁸PRIMARY NETWORK SITE (C257) ⁸SECONDARY NETWORK SITE (C708)

RECORD TYPE (C780) **NETW** RECORD SEQUENCE NO. (C730) TYPE OF NETWORK (C706) **WD** BEGINNING YEAR (C115) ENDING YEAR (C116)
pumpage or withdrawals

SOURCE AGENCY (C117) ⁷FREQUENCY OF COLLECTION (C118) METHOD OF COLLECTION (C133) **C E M U Z** ⁸PRIMARY NETWORK SITE (C257) ⁸SECONDARY NETWORK SITE (C708)
calculated estimated metered unknown other

FOOTNOTES:

⁷FREQUENCY OF COLLECTION CODES **A B C D F I M O Q S W Z 2 3 4 5 X**
annually bi-monthly continuously daily semi-monthly intermittent monthly one-time only quarterly semi-annually weekly other bi-annually every 3 years every 4 years every 5 years every 10 years

⁸NETWORK SITE CODES **1 2 3 4**
national, district, project, co-operator,

MISCELLANEOUS REMARKS DATA (4 types shown)

RECORD TYPE (C788) **R|M|K|S** RECORD SEQUENCE NO. (C311) DATE OF REMARK (C184) - -
month day year

Subsequent entries may be used to continue the remark. Miscellaneous remarks field is limited to 256 characters.

RECORD TYPE (C788) **R|M|K|S** RECORD SEQUENCE NO. (C311) DATE OF REMARK (C184) - -
month day year

Subsequent entries may be used to continue the remark. Miscellaneous remarks field is limited to 256 characters.

DISCHARGE DATA

RECORD SEQUENCE NO. (C147)

DATE DISCHARGE MEASURED (C148) - -
month day year

TYPE OF DISCHARGE (C703)
pumped flow

DISCHARGE (gpm) (C150) .

ACCURACY OF DISCHARGE MEASUREMENT (C310)
excellent (LT 2%), good (2%-5%), fair (5%-8%), poor (GT 8%)

SOURCE OF DATA (C151)
other gov't driller geologist logs memory owner other reported reporting agency other

METHOD OF DISCHARGE MEASUREMENT (C152)
acoustic meter bailer current meter Doppler meter estimated flume totaling meter orifice pitot-tube reported trajectory venturi meter volumetric meas weir unknown other

PRODUCTION WATER LEVEL (C153) .

STATIC WATER LEVEL (C154) .

SOURCE OF DATA (C155)
other gov't driller geologist logs memory owner other reported reporting agency other

METHOD OF WATER-LEVEL MEASUREMENT (C156)
airline recorder calibrated airline differential GP estimated transducer pressure calibrated gage geophysical logs manometer non-rec. observed acoustic gage reported pulse steel tape electric calibrated other elec. tape

PUMPING PERIOD (C157) .

SPECIFIC CAPACITY (C272) .

DRAWDOWN (C309) .

GEOHYDROLOGIC DATA

RECORD TYPE (C748)
RECORD SEQUENCE NO. (C721)

DEPTH TO TOP OF UNIT (C91) .

DEPTH TO BOTTOM OF UNIT (C92) .

UNIT IDENTIFIER (C93)

LITHOLOGY (C96)

CONTRIBUTING UNIT (C304)
principal aquifer aggregate of lithologic units secondary aquifer no contribution unknown

LITHOLOGIC MODIFIER (C97)

GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C750)
RECORD SEQUENCE NO. (C742)

SEQUENCE NO. OF PARENT RECORD (C256)

DATE (C95) - -
month day year

STATIC WATER LEVEL (C126) .

CONTRIBUTION (C132)

SITE LOCATION SKETCH AND DIRECTIONS

Township _____ Range _____

Section # _____

