

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 reporting agency

WATER-LEVEL DATA

DATE WATER LEVEL MEASURED (C235) -- TIME (C709) TIME DATUM (C402)
month day year

TIME DATUM RELIABILITY (C269) **E K T**
esti- mated known trans- ferred

WATER LEVEL TYPE CODE (C243) **L M S**
land meas. vertical surface 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 tide ice dry recently flowing flowing nearby flowing nearby recently flowing injector site injector site monitor aquifer contact lost 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 R S T V W X Z**
airline analog calibrated airline differ- ential GPS esti- mated trans- ducer pressure gage calibrated press. gage geophysi- cal logs manom- eter non-rec. gage observed reported steel tape electric tape calibrated elec. tape calibrated elec. cable uncali- brated elec. cable other

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 geophysi- cal 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 per- cussion 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	

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 # _____

