Water-Data Report 2007

392804118425001 Local number 101 N19 E29 34ACCC1 FCL-33

Basin and Range basin-fill aquifers
Undefined Aquifer

Churchill County, NV

LOCATION.--Lat 39°28'04.43", long 118°42'49.78" referenced to North American Datum of 1927, in SW ¼ SW ¼ NE ¼ sec.34, T.19 N., R.29 E., Churchill County, NV, Hydrologic Unit 16050203.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 110 ft. Upper casing diameter undefined, top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 3936 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 4

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample type	Depth of well, feet below LSD (72008)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Jun 18...	0855	Environmental	110.	.1	9.0	945	16.0	.32	.080	3.28	213	424

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 4

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Sulfide water, unfltrd field, mg/L (99119)	Residue on evap. at 180degC wat flt mg/L (70300)	Anti-mony, water, unfltrd µg/L (01097)	Arsenic water, unfltrd µg/L (01002)	Barium, water, unfltrd recover-able, µg/L (01007)
Jun 18...	411	444	28	.03	10.6	2.83	33.1	46.6	M	597	2.6	692	11.3

392804118425001 Local number 101 N19 E29 34ACCC1 FCL-33—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 4
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Beryll-ium, water, unfltrd recover-able, µg/L (01012)	Boron, water, fltrd, µg/L (01020)	Cadmium water, unfltrd µg/L (01027)	Chrom-ium, water, unfltrd recover-able, µg/L (01034)	Cobalt water, unfltrd recover-able, µg/L (01037)	Copper, water, unfltrd recover-able, µg/L (01042)	Iron, water, fltrd, µg/L (01046)	Iron, water, unfltrd recover-able, µg/L (01045)	Lead, water, unfltrd recover-able, µg/L (01051)	Mangan-ese, water, fltrd, µg/L (01056)	Mangan-ese, water, unfltrd recover-able, µg/L (01055)	Nickel, water, unfltrd recover-able, µg/L (01067)	Selen-ium, water, unfltrd µg/L (01147)
Jun													
18...	<.26	2,020	.06	E.51	.29	15.1	388	434	1.85	22.6	28.9	.92	<.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 4
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Silver, water, unfltrd recover-able, µg/L (01077)	Thall-ium, water, unfltrd µg/L (01059)	Tung-sten, water, unfltrd µg/L (01154)	Vanad-ium, water, unfltrd µg/L (01087)	Zinc, water, unfltrd recover-able, µg/L (01092)	Pb-210, water, unfltrd pCi/L (17501)	Uranium natural water, unfltrd µg/L (28011)
Jun							
18...	.18	<.18	328	94	3.2	M	10.2