1 of 1

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113939
Permit No.
Basin 105

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 21893

1. OWNER USGS
MAILING ADDRESS 2730 N. DEER RUN ROAD
CARSON CITY, NV 89701

ADDRESS AT WELL LOCATION GENOA LAKES GOLF COURSE

2. LOCATION SE ¼ NE ¼ Sec 3 T 13N N/S R 19 E
PERMIT/WAIVER No. (Issued by Water Resources) Parcel No.

Latitude 39.021667
Longitude 119.828089
Subdivision Name: County:

UTM E N
☑ NAD 27
☐ NAD 83/WGS 84

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other...

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☑ Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
MED BROWN SILTY CLAY		0	2	2
MED BROWN CLAY		2	6	4
RED BROWN CLAY (DAMP)		6	8	2
DARK GRAY CLAY (WET)		8	10	2
NO RETURN (WATER TABLE)	X	10	13	3
MED BROWN SILTY SAND		13	16	3
MED SAND SOME PEA GRAVEL		16	19	3
DARK BROWN CLAY		19	20	1

Date started 31-Aug , 20 1994
Date completed 31-Aug , 20 1994

7. WELL TEST DATA
TEST METHOD: ☑ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
BAILED 30 GAL			

8. WELL CONSTRUCTION
Depth Drilled 20 Feet Depth Cased 16 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6.5	Inches	0	Feet	20	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2			0	16

Perforations:
Type of perforation FACTORY
Size of perforation 0.02 INCH
From 6 feet to 16 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 2
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 5 feet to 20 feet

9. WATER LEVEL
Static water level 4.25 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name (Contractor)
Address (Contractor)
Nevada contractor's license number issued by the *State Contractor's Board*
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* FP-1859
Signed Todd Alfy for A. Robledo (By driller performing actual drilling on site or contractor)
Date 6-Jun-11

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

Site ID WELL LOG NOI 21893

2 of 7

WELL NUMBER 390118119494401

State Nevada County Douglas Subarea HA 105

Owner USGS 105 N13 E19 03 adbc1

Location Genoa Lakes Golf Course

Drilled by Robledo FP-1859 Address

Date 8/31/94 Casing Diam. 2" Casing length 16 ft

Land-surf alt. Source of data

MATERIAL size, color (Munsell), sorting, roundness, mineralogy, other properties	DEPTH (ft)	THICKNESS (ft)
med brn silty clay	0 TO 2	2
med brn clay	2 TO 6	4
red brn clay (damp)	6 TO 8	2
dark gray clay (Wet)	8 TO 10	2
no return (water table?)	10 TO 13'	3'
med brn silty sand and water	13' TO 16'	3'
clean medium sand - some pea gravel	16' TO 19'	3'
drk brown clay	19 TO 20'	1'
10 ft x 2" PVC Factory drilled screen	TO	
10 ft 2" PVC screwed casing	TO	
#2-/16 clean Kiln-dried Monterey Sand - Sand up to 5 ft below land surface	TO	

8-31-94

RECORDED BY Bevans DATE 8/31/94 SHEET 1 OF 1

Bentonite (Benseal) up to 2 ft below land surface

heat portland type-II cement to land surface.

* bailed 30 gal after completion 8/31/94

GENOA LAKES GOLF COURSE #1 VALLEY NAME Carson Valley 3 of 7

NEVADA DISTRICT WELL SCHEDULE
NV GW-3.1 (1/84)

R=189* T=A*	MISC ID NOS			
191=	NV LOG NO	*190 #		*
191=	NV PMT NO	*190 #		*
191=	STATE ENG	*190 #		*
191=	REPORT NO	*190 #		*
191=	OWNER NO	*190 #		*
191=	OBS	*190 #		*
191=	PROJ	*190 #	NAWQA/Douglas	*
191=		*190 #		*
191=	DATA QUAL	*190 #	Checked	*

OBS Well Flag: OA-active or OI-inactive

enter CHECKD if verified in GWSI base

STATION ID NO 390118119494401 R=0* T=A*

LOCAL NO 12=' 105 N S 13 E 19 03 ADBC 1 '*

OPTIONAL PROJECT NO 5= 4732-16700 *

SITE TYPE (Well, Spring, Tunnel) 2= W *

DATA RELIABILITY (Chkd, Unchkd, L-inaccurate) 3= C *

STATE (NV=32) 4=USGS* 6=32* 7= 32 *

COUNTY Douglas 8= 005 *

OWDC UNIT CODE 20= 16050201 *

LAT/LONG 9= 390118 * 10= 1194944 *

LAT/LONG LAT/LONG ACCURACY (Sec, Five, Ten, Minute) 11= S * GPS

MAP 14= GENOA, [redacted] *

MAP SCALE 1: 24,000 15= 24000 *

LOCATION 13= NW SE NE S 03 T 13 N S H R 19 E H M *

TOPOGRAPHY Slope 19= S *

ALTITUDE 16= 4680. *

METHOD (Altmr, Map, Lvl) 17= M * ACCURACY (ft) 18= ~~40~~ 20 *

OWNERSHIP R=158*T=A*

DATE AQUIRED (M/D/Y) 159# 8/31/1994 ✓

LAST NAME 161# [redacted] ✓

FIRST 162= * MIDDLE 163= *

ADDRESS

WELL CONSTRUCTION R=58* T=A* 59# 1 *

DATE DRILLED (M/D/Y) 60= 8/31/1994 * ✓

DRILLER'S NAME 63= USGS ✓

ADDRESS

METHOD (Bored or augered, Cable, Dug, Hyd.-rotary, Rev.-rotary) 65= B ✓

SITE USE R=0* T=M* 1) 23= O ✓ 2) 301= * 3) 302= *
(Withdrawal, Unusd, Rechg, Observ)

WATER USE 1) 24= U ✓ 2) 25= * 3) 26= *
(H-dom, Irrig, N-ind, P.S., Stock, Unused, Z-other)

NOTES observation well

DATE DRILLED R=0* T=M* 21= 8/31/1994 * ✓

DEPTHS (ft) HOLE 27= 20. * ✓ WELL 28= 16. ✓

DATA FROM (Drlr, Owner, Rprtd, S-field) 29= G * ACCURACY: [(±) .]

R=76* T=A* 59 # 1 * 77 # 0 . * 79# 2. ✓

NOMINAL CASING DIAMETER AT LSD, in inches

EARLIEST AVAILABLE WATER LEVEL, ft below LSD

R=0* T=M* 30= 4.25 * 31= 9/9/1949 * 33= S * Field SOURCE (USGS, Driller, Reported) MP R=320* T=A *

DESCRIPTION OF MP 324=' High point of PVC, on west side of casing, blsd

WATER LEVELS YEAR BEGAN R=121* T=A* 122 # 1994 *

FREQUENCY (Intrmtnt, Mnthly, Semiann, Wkly, Qrtly, Ann) 125= Q *

DATE SET 321# 9/9/1994 *

DATE END 322= / /19 *

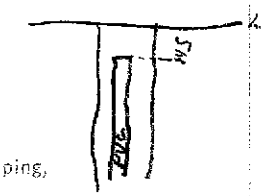
MP HEIGHT (ft above LSD) 323= -0.45 *

R= 234* T=A* 235 #

MP SKETCH

DATE (M/D/Y)	Hold	Wet	Below MP	By	Below LSD	SITE STATUS	METHOD
9/9/1994 *	6.00	1.30	4.70	SCS/LB	237= 5.15 *	238= X *	239= S *
/ /19 *					237= . *	238= *	239= *
/ /19 *					237= . *	238= *	239= *
/ /19 *					237= . *	238= *	239= *
/ /19 *					237= . *	238= *	239= *
/ /19 *					237= . *	238= *	239= *

at 11.50 hrs



SITE STATUS: [Dry, Flowing, G-nearby, flowing, H-nearby, recently flowing, Obstruction, Pumping, Recently pumped, S-nearby, pumping, T-nearby, recently pumped, V-foreign substance, W-destroyed, X-surfaced, water effects, Z-other]

METHOD: [Airline, B-recorder, Estimated, pressure Gage, Reported, Steel, electric Tape, Z-other (Nev. DWR, unless otherwise noted)]

REMARKS TO BE STORED WARNING: DO NOT USE QUOTES (') IN REMARKS

R=183* T=A*	311#	*185='	Sounded well at 15.3 ft +/- .5 ft.
R=183* T=A*	311#	*185='	Well is 25 ft south of dirt road and 5 ft north
R=183* T=A*	311#	*185='	of cut grass.

DATE FIELD CHECKED (M) (D) (Y) PARTY

R=186* T=A* 187 # 9/9/1994 * 188= Swartwood/Bonner *

Coded _____ Punched _____ Submitted _____ Checked _____ Updated _____

Geneva Lakes Golf Course #1

U.S. GEOLOGICAL SURVEY, WRD, GROUND-WATER QUALITY FIELD NOTES

BQA-1 3/92 (3rd printing, 1st ed.)

Proj. Name, No. NVBR NAWQA Date 9-6-94 Time 1400

Composite Samples? ☐ YES ☐ NO

If YES, indicate:

Dates _____

Times _____

Loc. Well No.

Site I.D. 3 9 0 1 1 8 1 1 9 4 9 4 4 0 1

Sampled by Lico / Pennington

SMS Cntrl. No. _____

Record No. Sample Purpose (71999) : _____

WELL DATA ☒ Well ☐ Open Hole ☐ Spring

held 13.00 wt 8.07

Altitude, ft (72000) _____

Depth top sample interval (72015) _____

Depth bottom sample interval (72016) _____

Allowable draw-down (ft.) _____

Static water level, ft (72019) 4.93 *

Dia. inside (in.) 2.0

Screened/ open interval Top : _____ Bottom : 14.5

Casing vol. (gal.) 1.6

Purge vol. (gal.) 48

* Casing Vol. (gal.) = 0.0408 X Dia.^{2} (in.) X Height (ft)

Height = H = Well Depth - Static Water Level = 9.57 OR Cas. Vol. = H X F, F = Casing volume factor

*** VOLUME FACTORS**

Dia. (in.)	Cas. Vol. Factor F
1.0	0.04
1.5	0.09
2.0	0.16
3.0	0.37
4.0	0.65
4.5	0.83
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88
24.0	23.5
36.0	52.9

SAMPLING DATA

Location Geneva Lake Golf Course Date well last sampled not before

Minutes pumped before sampling (72004) _____ static water level when well last sampled _____

Sampler type (84164) Bladder Pump

4010 = thief, 4020 = bailer, 4025 = double-valve bailer, 4100 = flowing well

PUMPS: 4030 = suction pump, 4040 = submersible, 4050 = squeeze, 4060 = gas recip., 4070 = gas lift, 4080 = peristaltic, 4090 = jet, 8010.0 = other

Sampling condition (72006) _____

0.10 = site was being pumped, 0.11 = site recently pumped, 4. = flowing, 8. = pumping, 30. = seeping, 31. = nearby well pumping

Sampler ID W465577

Sampler material : Stainless Steel Brass PVC Teflon Other _____

Aquifer Name: _____ GW Color _____ Clarity _____

Sample extracted and processed under ☒ oxygenated ☐ nonoxygenated conditions

Sample contact with : ☒ atmosphere ☐ oxygen ☐ nitrogen ☐ other

Weather: Clear Partly Cloudy Cloudy Light Medium Heavy Snow Rain Calm Light Breeze Very Gusty Windy Very Cold Warm Hot Other

SAMPLES COLLECTED

Nutrients ☐ TOC ☐

Major Ions ☐ DOC ☐

SOC ☐ Filt. _____ mL

BOD ☐ _____ ☐

COD ☐ _____ ☐

ORGANICS: Pesticide ☐, VOC ☐, BNA ☐

TR. ELEMENTS: Unfiltered ☐, Filtered ☐, _____ ☐

Radiochemical ☐

Isotope ☐

_____ ☐

_____ ☐

FIELD MEASUREMENTS

Q. Inst. (00059)		GPM	Eh (00090)		m volts
Temp. Water (00010)	12.5	°C	Alkalinity (39086)	224	mg/L
Temp. Air (00020)	27.0	°C	Bicarbonate (00453)	273	mg/L
pH (00400)	6.7	units	Carbonate ( )		mg/L
Sp. Cond. (00095)	475	µS/cm 25°C	Hydroxide ( )		mg/L
Dis. Oxy. (00300)	0.2	mg/L	E. Coli (31633)		col./100 mL; Rmk
DO Sat. (00301)		%	FC (31625)		col./100 mL; Rmk
Bar. Press. (00025)	645	mm Hg	FS (31673)		col./100 mL; Rmk

Other:

LABORATORY SCHEDULES

Lab Schedules Req. (or copy of lab request form attached ☒)

Lab Codes Add (A) Delete (D):

Remarks Radon collection time = 1420

1 drop HCl to SH2090

Checked by Date

NEVADA DISTRICT WELL SCHEDULE: Well Construction and Short Log

Genoa Lakes Golf Course #1

I.D. NO. 39 01 18 119 49 44 01 (REPEAT COL 5 – 19 FOR EACH CARD)

LOCAL NO. H.A. 105 T N/S 13 R E/9 SEC 03 1/4'S

Well Construction (CONT. FROM PAGE 1)

R = 58* T = M*59#1* (20 – 33)

SOURCE OF CONSTRUCTION DATA (S=fld, Z=other Drllr, Owner) 64 = G*

FINISH METHOD OF DEVELOPMENT 66 = G* 69 = B*

SEAL: (Bent, Clay, Grout, Z = other) 67 = G*

SEAL BOTTOM (ft bl LSD) 68 = 2*

HOURS 70 = *

SPECIAL TREATMENT 71 = *

Hole Dimensions

R = 72* T = A* 59 #1* 73# (20 – 36)

(REPEAT COL 20 – 36 FOR EACH LINE OF DATA)

DEPTH TO TOP	DEPTH TO BOTTOM	DIAMETER (in)
0.	20.	6.5

Casing Dimensions

R = 76* T = A* 59# 1* 77# (20 – 36)

(REPEAT COL 20 – 36 FOR EACH LINE OF DATA)

DEPTH TO TOP	DEPTH TO BOTTOM	DIAMETER (in)	MATERIAL	THICKNESS (in)
0.	16.	2.	P	

Perforations, Openings

(REPEAT COL 20 – 36 FOR EACH LINE OF DATA)

R = 82* T = A* 59# 1* 83 #

DEPTH TO TOP	DEPTH TO BOTTOM	OPENG'S	MATERIAL	DIAM. OF OPEN SECTION (in.)	SIZE OF PERFORATIONS: WIDTH (in)	LENGTH (in)
6.	16.	P	P	2.	.02	

R = 90* T = A* 256# (20 – 32)

(REPEAT COL 20 – 32 FOR EACH LINE OF DATA)

Geohydrologic Unit Descriptions

SEC	DEPTH TO TOP	DEPTH TO BOTTOM	GUNIT CODE	FORMATION	LITHOLOGY	MODIFIERS

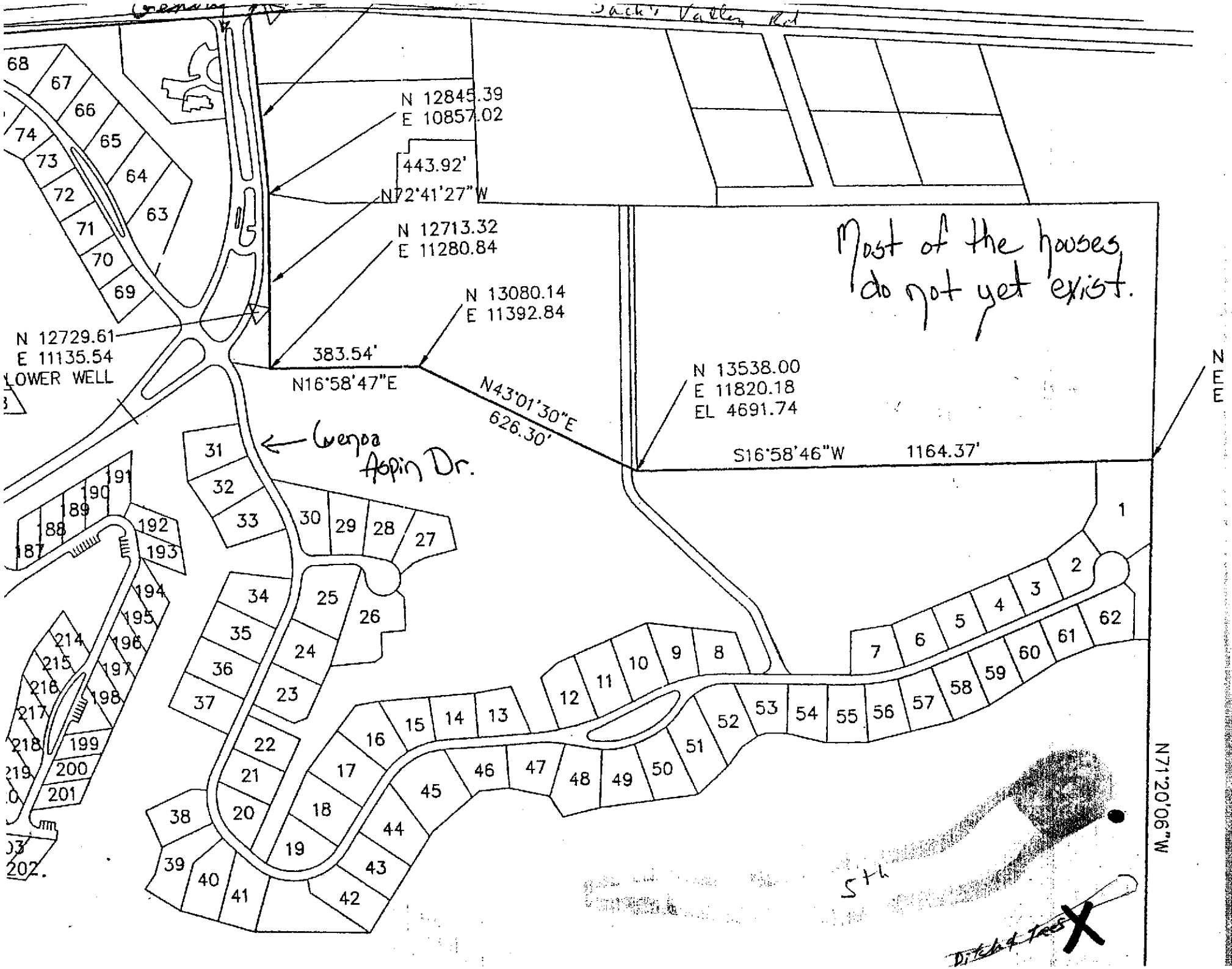
Aquifer Data

R = 94* T = A* 256# (20 – 32)

(REPEAT COL 20 – 32 FOR EACH LINE OF DATA)

SEC.	DATE (M/D/Y)	WATER level (ft bl LSD)	% TOTAL YIE
	95# / /19	126 =	132 =
	95# / /19	126 =	132 =
	95# / /19	126 =	132 =
	95# / /19	126 =	132 =
	95# / /19	126 =	132 =

NEV GW-3 REV/4-81

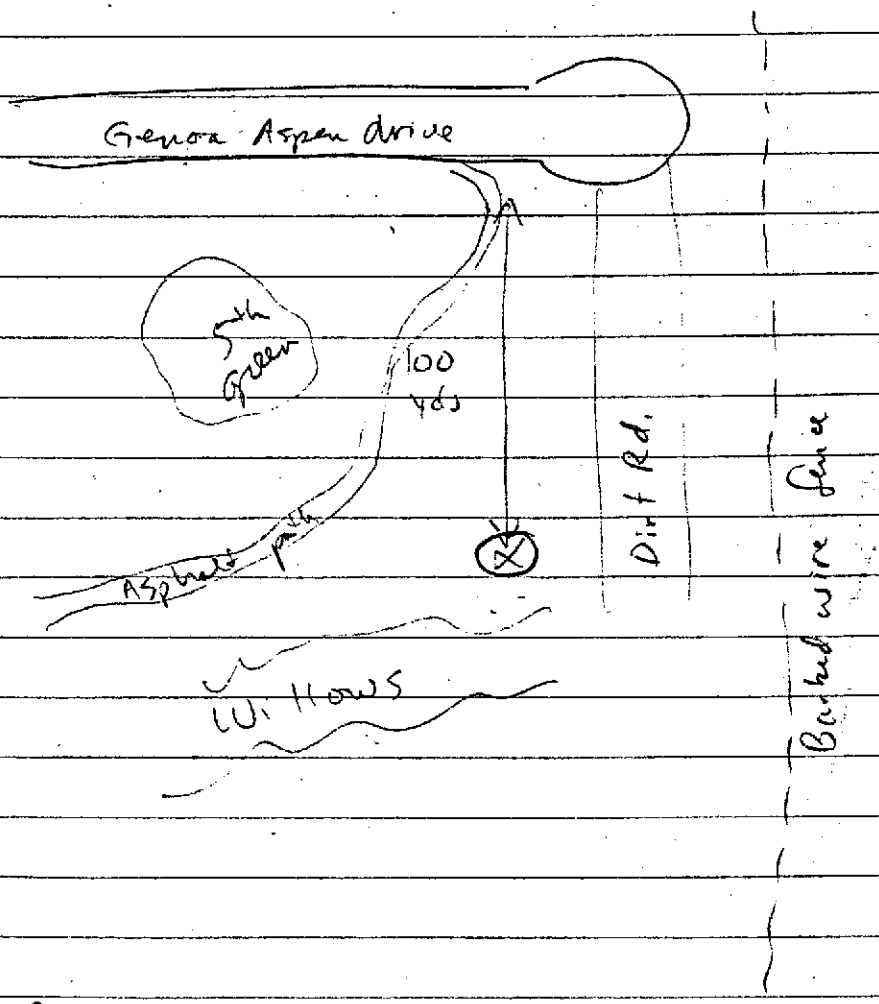


Jack's Valley Rd
N 12845.39
E 10857.02
443.92'
N72°41'27"W
N 12713.32
E 11280.84
N 13080.14
E 11392.84
N 12729.61
E 11135.54
LOWER WELL
383.54'
N16°58'47"E
N43°01'30"E
626.30'
N 13538.00
E 11820.18
EL 4691.74
S16°58'46"W
1164.37'
N
E
E
Most of the houses do not yet exist.
Wenoa Aspin Dr.
N71°20'06"W
5th
Ditch & Trees

6 of 7

This is a blown-up drawing of end of Genoa Aspin Dr.

Sec 3 5th Green Genoa Lakes G.C.



Rich Baines 782-8967

Open Green electrical box lid. Need key to get plug off of PVC.