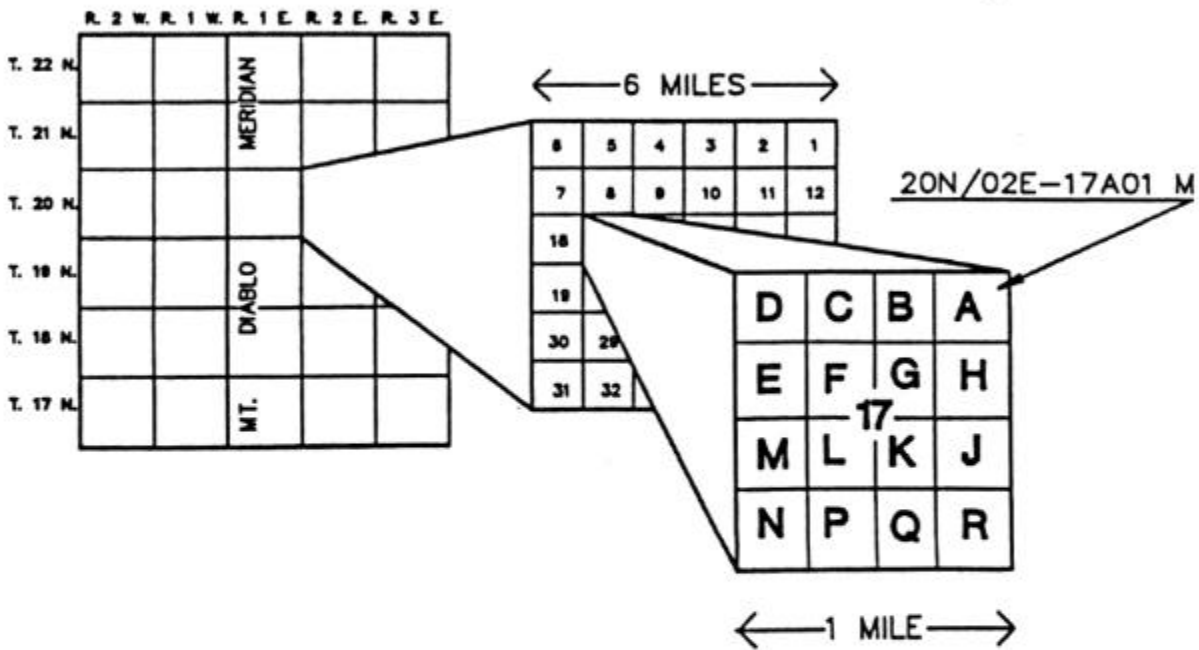


Groundwater Level Monitoring Wells in the Upper Butte Creek Watershed

by Joanna Welch

Project Well No.	Station No. (See Well No.)	Latitude (Degrees Minutes Seconds)	Longitude (Degrees Minutes Seconds)	Period of Measurement		Well Use	Ground Water Body	Geologic Unit	Confidence Level	Elev. 10/10	Elev. 11/10	Elev. 12/10	Elev. 13/10	
				Intermittent	Continuous									Methy or sulfid
1	17N01E-15A01M	39 20 44	121 50 11	1953 to present		sp/fa	DOM	Composite	Qob	Probable	9.3		9.3	0
2	18N01E-13M01M	39 24 43	121 48 49	1948 to present		sp/fa	DOM	Composite	TQl?	Probable	7.3		7.7	-0.4
3	18N01E-15D02M	39 25 12	121 51 8		1976 to present		DOM	Composite	Qob+TQl?	Probable			2.8	
4	18N02E-11F01M	39 25 15	121 43 27	1958 to 1982		sp/fa	IRR	Composite	Qob+TQl	Possible	4.2		3.5	0.7
5	18N02E-19F01M	39 24 51	121 45 20	1947 to present		sp/fa	IRR	Composite	Qob+TQl	Probable	15.8		5.6	10
6	18N02E-29M01M	39 22 56	121 42 12		1959 to present	sp/fa	IRR	Composite	Qob?+TQl	Probable	6		7.3	-1.3
7	18N02E-52O01M	39 21 53	121 46 7	1947 to 1963		methy	ABAND	Unconfined	Qoal+Qob	Possible	5.8			
8	18N02E-52O02M	39 21 48	121 46 7	1947 to present		sp/fa	DOM	Composite	Qoal+Qob+TQl	Possible	5.5		5.3	0.2
9	18N02E-19F01M	39 25 2	121 40 44			sp/fa	IRR	Confined	Qal+TQl	Possible	7.8		6.9	0.9
10	18N01E-09Q01M	39 30 43	121 51 45		1991 to present	sp/fa	IRR	Confined	Qoal+Ttu	Probable			10.9	
11	18N01E-09R01M	39 30 38	121 51 26		1976 to 1991	sp/fa	IRR	Confined	Qoal+Ttu	Probable			5	
12	18N01E-27Q01M	39 27 53	121 50 32	1978 to present		sp/fa	OBS	Confined	Tu	Definite			5.3	
13	18N01E-28R01M	39 27 56	121 51 25		1959 to present	sp/fa	DOM	Unconfined	Qob	Probable	4.6		5.1	-0.5
14	18N02E-17A01M	39 30 24	121 45 49	1959 to present		sp/fa	DOM	Unconfined	Qob	Possible	2.796		2.8	-0.004
15	18N02E-34J01M	39 27 26	121 43 31		1958 to 1978	sp/fa	DOM	Unconfined	Qob	Possible	4.636		4.262	0.374
16	18N02E-05N01M	39 31 27	121 39 54	1958 to 1967		sp/fa	ABAND	Composite	TQl	Possible	35.43			
17	18N02E-05N02M	39 31 27	121 39 54	1967 to present		sp/fa	DOM	Composite	TQl	Probable	34.31		23.13	11.18
18	20N01E-13O02M	39 36 34	121 50 57	1947 to present		sp/fa	IRR	Composite	Qoal+Ttu?	Probable	13.63		20.33	-6.7
19	20N01E-35C01M	39 33 4	121 49 54	1947 to present		sp/fa	DOM	Confined	Tu	Probable	3.34		3.479	-0.139
20	20N01W-29H01M	39 33 37	121 55 55	1948 to present		sp/fa	IRR	Confined	Qoal+Ttu	Possible	9.836		6.637	3.199
21	20N01W-29H02M	39 33 40	121 55 55	1941 to present		sp/fa	ABAND	Unconfined	Qal	Probable	9.535		8.227	1.308
22	20N02E-06C01M	39 38 45	121 47 13	1947 to present		sp/fa	IRR	Composite	Qal+Ttu	Definite	13.38		19.27	-5.89
23	20N02E-06L01M	39 38 6	121 45 20	1953 to present		sp/fa	IRR	Composite	Qob+Qoal+Ttu	Probable	8.725		18.12	-9.395
24	20N02E-28N01M	39 33 14	121 45 39	1947 to present		methy	ABAND	Unconfined	Qob+Tus	Possible	5.294		5.573	-0.279
25	20N02E-06M01M	39 37 2	121 41 13	1976 to 1985		sp/fa	IRR	Composite	Ttu	Probable			62.34	
26	21N01E-09G01M	39 42 20	121 53 17		1961 to 1990	methy	DOM	Confined	Qoal+Ttu	Probable	19.07		22.73	-3.66
27	21N01E-12K01M	39 41 21	121 48 41	1959 to present		sp/fa	IRR	Confined	Qoal+Ttu	Probable	31.41		63.8	-32.39
28	21N01E-27D01M	39 39 5	121 51 35	1946 to present		sp/fa	DOM	Confined	Qoal	Possible	21.61		34.96	-13.35
29	21N01W-23L01M	39 39 33	121 56 13	1941 to present		sp/fa	ABAND	Unconfined	Qal	Probable	9.371		10.88	-1.509
30	21N02E-07C01M	39 41 40	121 47 54		1967 to present	sp/fa	IRR	Confined	Ttu	Probable	63.4		71.36	-7.96
31	21N02E-26O02M	39 38 51	121 43 31	1947 to present		sp/fa	ABAND	Confined	Ttu	Probable	26.92		19.74	7.18
32	21N02E-26F01M	39 38 49	121 43 28	1967 to present		sp/fa	IRR	Confined	Ttu	Probable	46.8		51.4	-4.6
GROUNDWATER BODY														
Qal	Alluvium		Unconfined - Represents the free ground water level in the uppermost zone of saturation											
Qf	Floodplain deposits		Confined - Represents the piezometric surface of an aquifer under pressure											
Qoal	Older alluvium		Composite - Represents a water level that includes two or more confined levels and the free ground water level											
Qob	Older basin deposits													
TQl	Fanglomerate		CONFIDENCING											
TQg	Older gravels		Definite - Know well depth & perforated interval, have complete drillers report & good local geology											
TQl	Laguna Formation		Probable - Know well depth, have partial well drillers report & good local geology											
Ttu	Undifferentiated Tuscan Formation		Possible - Know well depth, have poor local geology and/or uncertain well data											
Ttus	Tuscan Formation sediments													

State Well Numbering System



The lettering system does not contain the letters "I" and "O".

Each State Well Number includes township, range and section number, and each section is further subdivided into sixteen 40-acre tracts, which are assigned a letter designation as shown below. Within each 40-acre tract, wells are numbered sequentially in the order they are inventoried. The final letter of the identification signifies the base line and meridian to which the well location refers. In Butte County, all wells are referenced to the Mount Diablo base line and meridian. The example below is for State Well Number 20N/02E-17A01 M.