Table 14.--Chemical Analyses of Ground Water--Continued

(Concentration in milligrams per liter)

Well number	Map number	Altitude above mean sea level (feet)	Collected: Date	Collected: Depth of well below land surface (feet)	Stratigraphic unit	Depth to water below land surface (feet)	Temperature (°C)	Silica (SiO_2)	Aluminum (Al)	Iron (total)	Iron (ferrous)	Manganese (Mn)	Nickel (Ni)	Copper (Cu)	Zinc (Zn)	Calcium (Ca)	Magnesium (Mg)	Strontium (Sr)	Sodium (Na)	Potassium (K)	Acidity as H_2SO_4	Alkalinity as HCO_3	Sulfate (SO_4)	Calcium-magnesium hardness	Specific conductance (micromhos)	pH (lab) 1/	Total carbon	Remarks
LUZERNE COUNTY--Continued																												
410907N760758-1	4	705.4	3/20/67	190	UR	186	11	--	5.1	66	--	11	0.35	0.05	0.40	146	162	0.95	4.4	9.2	--	--	1,180	1,030	1,620	4.72	--	Odor of H_2S
	4	705.4	4/26/67	379	LRA	186	12	--	26	53	50	12	--	--	--	153	139	--	2.7	2.7	288	--	1,180	--	1,600	3.1	--	Field pH = 5.25
	4	705.4	4/26/67	485	LRA - Pp	186	12	--	20	46	--	--	--	--	---	---	--	--	2.6	2.8	305	0	1,180	--	1,650	3.2	--	
09N760708-1	19	814.7	12/16/66	101	Pp - Mm	60	--	--	2.1	.00	--	2.9	--	--	--	17	4.4	--	2.0	4.2	16	6	102	60	177	4.7	3.4	Non-volatile organic C = 2.0
14N760556-1	Priscilla Lee Shaft PL-MS	873.8	12/14/65	50	Pl	35	9	--	--	43	41	--	--	--	--	--	--	--	--	--	93	--	--	--	645	5.98	--	
	do.	873.8	12/14/65	75	do.	35	9	--	--	47	--	3.7	--	--	--	--	--	--	--	--	118	--	--	--	650	6.07	--	
	do.	873.8	12/14/65	100	do.	35	10	--	--	55	--	6.8	--	--	--	--	--	--	--	--	122	--	--	--	695	6.09	--	
	do.	873.8	12/14/65	150	do.	35	10	--	--	60	--	--	--	--	--	--	--	--	--	--	137	--	--	--	745	5.98	--	
	do.	873.8	12/14/65	200	UR	35	10	--	--	136	117	--	--	--	--	--	--	--	--	--	277	--	503	--	860	5.92	--	
	do.	873.8	12/14/65	250	Pl	35	10	--	--	166	--	--	--	--	--	--	--	--	--	--	326	--	--	--	985	6.12	--	
	do.	873.8	12/14/65	300	do.	35	11	--	--	358	--	--	--	--	--	--	--	--	--	--	662	--	--	--	2,010	5.75	--	
	do.	873.8	1/4/66	37	do.	35	8	12	.2	31	--	3.7	--	--	.61	39	34	--	8	1.6	90	0	282	238	520	5.57	--	Cl = 1.0; NO_3 = 0.4; F = 0.1
	do.	873.8	1/4/66	175	B	35	9	13	2.0	70	60	9.0	--	--	.34	54	46	--	--	--	162	--	444	324	725	6.08	--	
	do.	873.8	1/4/66	190	UR	35	9	21	.0	112	93	9.6	--	--	.32	33	40	--	--	--	233	--	450	247	790	5.97	--	
	do.	873.8	1/4/66	325	URA	35	10	16	5.0	524	336	39	--	--	.81	265	125	--	--	--	--	--	--	1,180	,500	5.85	--	
	do.	873.8	1/4/66	385	LRA	35	11	19	3.0	1,710	--	105	--	--	--	390	400	--	8.1	14	2,890	--	5,580	2,620	,750	6.08	--	Cl = 12; NO_3 = 11 2/; F = 1.0
	do.	873.8	2/28/66	390	LRA	32	12	17	.6	1,660	1,560	91	.88	.10	.44	395	304	.99	7.0	15	2,500	--	5,180	2,240	,710	6.08	--	Cl = 14; NO_3 = 0.2; F = 0.6