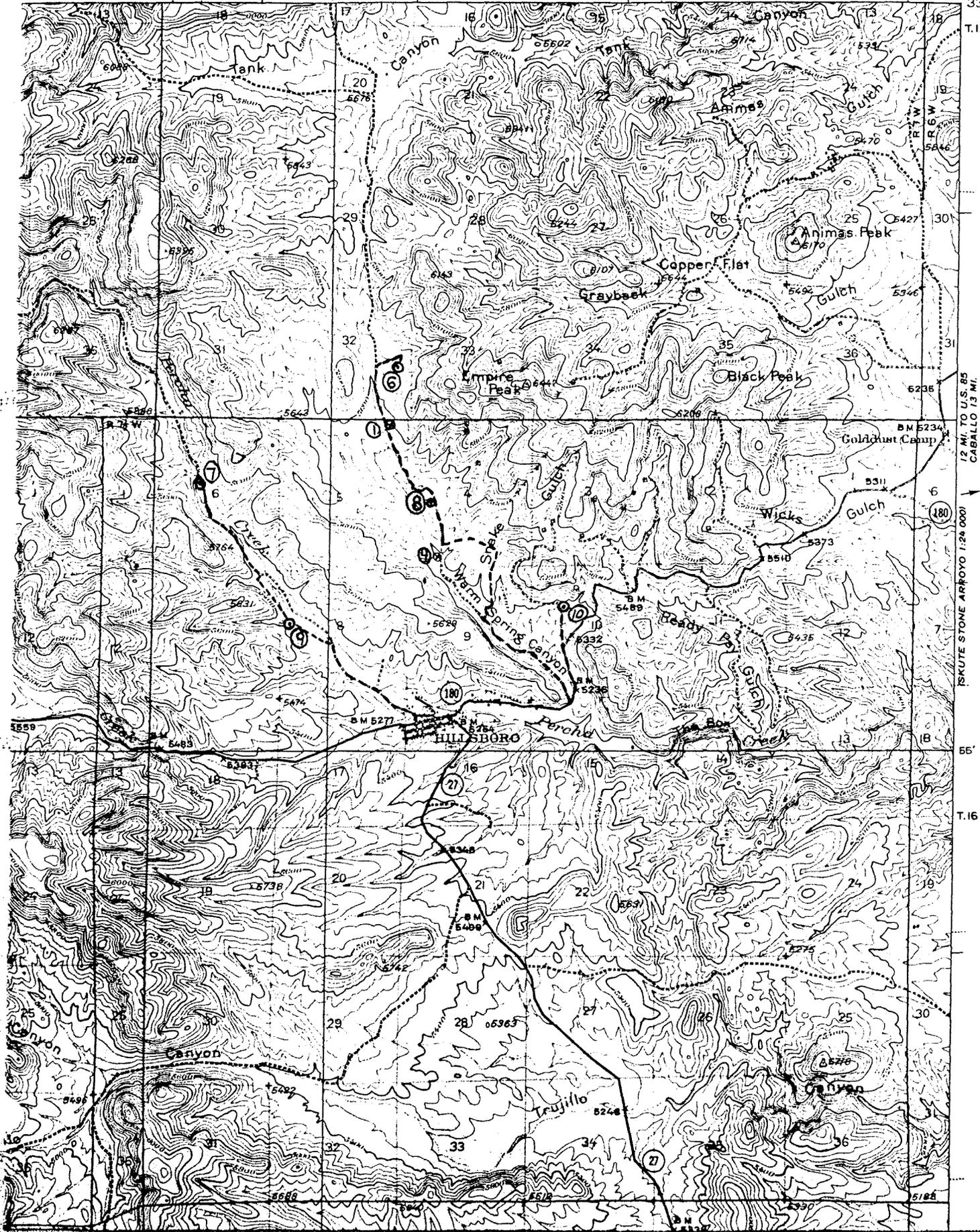


NEW MEXICO
HILLSBORO QUADRANGLE

GALADONE
TANK
1:24,000

(BELL MOUNTAIN 1:24,000) R.1.W.

107°30' 33"00"



12 MI. TO U.S. 85
CABALLO 13 MI.
SKUTE STONE ARROYO 1:24,000

T.16 S.

TABLE I. CHEMICAL ANALYSIS AND CHEMICAL GEOTHERMOMETERS
OF HILLSBORO WATERS

	W14776 1124-6 @ 310' <u>NESESec32T155R7W</u>	W14777 1124-7 @ 195' <u>SWNWSec6T16SR7W</u>	W14778 1124-8 @ 136' <u>NWSWSec4T16SR7W</u>
Temp ^o C	21	21	23
Flow (gpm)	50	50	3
pH	8.1	8.2	8.4
Cl	15.0	6.1	26.0
F	1.2	0.5	5.6
SO ₄	93.4	49.0	139.0
HCO ₃	192.0	135.0	182.0
CO ₃	0.0	0.0	2.0
SiO ₂	61.1	51.5	91.9
Na	56.5	24.8	133.0
K	6.0	4.3	6.2
Ca	105.0	64.3	60.8
Mg	25.9	12.6	10.1
Li	0.1	0.03	0.2
B	0.05	< 0.008	0.04
TDS	556.3	348.1	656.8
Ec(k)	585.0	380.0	740.0
TqSiO ₂	111	104	129
TcSiO ₂	82	73	105
TNa-K	222	269	159
TNa-K-Ca	44	36	63
TNa/Li	110	87	100
TLi	86	59	104

TABLE I. (Con't)

	W14779 1124-9 @ 246' <u>NWSESec8T16SR7W</u>	W14877 1124-7 @ 195' <u>SENWSec10T16SR7W</u>
Temp ^o C	20	31
Flow (gpm)	45	50
pH	8.4	8.4
Cl	5.4	21.0
F	1.9	7.1
SO ₄	26.7	93.8
HCO ₃	178.0	190.0
CO ₃	4.0	4.0
SiO ₂	46.4	93.8
Na	55.0	118.0
K	2.9	8.8
Ca	35.5	42.9
Mg	5.3	7.9
Li	0.07	0.2
B	<0.008	0.1
TDS	361.2	583.6
Ec(κ)	400.0	665.0
TqSiO ₂	100	130
TcSiO ₂	68	107
TNa-K	168	193
TNa-K-Ca	43	80
TNa/Li	90	107
TLi	78	104