Table 6 .--Chemical analyses of water from selected springs in the White Sands Missile Range, and adjoining areas

(Analyses by U.S. Geological Survey, chemical constituents are in parts per million)

Location No.	Field designation	Date of collection	Altitude Land Surface	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (calculated sum of analyzed constituents)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25° C)	pH
																	Calcium, Magnesium	Noncarbonate		
1. 2.20.240	Campbell Spring	2-23-50	-	-	14	-	23	47	38		292	71	12	0.4	0.3	349	248	8	562	-
6. 6.20.412	Deer Spring	3- 4-55	6,565	38	20	-	114	12	8.0		336	50	11	.2	10	390	334	58	625	7.8
20.441	Rabbit Spring	3- 4-55	6,560	42	5.9	-	90	13	17		308	40	14	.2	.1	331	278	26	570	7.5
31.223	Council Spring	3- 2-55	7,474	45	13	-	127	7.6	3.4		344	39	9	.2	25	393	348	66	650	7.7
7. 6. 9.143	Yates Spring	3- 4-55	-	49	15	-	106	17	20		260	99	37	.2	12	434	334	122	706	7.8
29.414	Dripping Spring (North gallery)	3-30-55	6,200	49	21	-	71	11	60		171	167	14	.4	22	450	222	82	451	7.5
29.414	do. (South gallery)	3-30-55	6,200	44	20	-	96	11	112		533	51	17	.4	15	584	284	0	1,260	7.8
7. 7. 6.124	Seep Spring	3-17-55	6,100	53	46	-	81	68	80		556	137	33	1.0	.1	724	486	18	1,130	7.8
15.421	Red Canyon Spring	2-25-54	5,550	-	20	-	479	276	58		160	2,170	45	1.0	.1	3,130	2,330	2,200	3,300	-
8. 9.29.123	Lower Willow	5-18-55	4,875	62	-	-	-	-	-		150	1,140	470	-	-	2,560	1,420	1,300	3,340	7.4
9. 8.23.423	Bull Gap	11- 3-55	4,825	-	20	-	578	301	684		249	2,680	830	.5	1.0	5,220	2,680	2,480	6,290	7.6
34.143	Phillips	5-31-55	4,750	68	-	-	-	-	-		204	810	272	-	-	1,760	970	803	2,420	7.9
9. 9. 9.222	Root	8-23-55	5,200	63	-		-	-	170		177	842	285	.2	7.0	1,840	1,060	915	2,420	7.7
10.343	Jake's	8-23-55	5,290	63		-	-	-	135		105	744	166	.5	9.8	1,480	810	724	1,920	7.6
32.211	Milagro	8-18-55	5,265	-	-	-	-	-	-		198	564	280	-	-	1,430	820	658	2,050	7.5
10. 6.23.242	Mound Springs	6- 2-55	4,350	61	-	-	-	-	-		151	1,950	710	-	-	4,170	2,450	2,330	4,850	7.6
23.242	do.	8- 6-57	4,350	-	-	-	-	-	-		151	2,050	740	-	-	-	2,540	2,420	5,050	7.4
11. 4.35.233	Brady Spring	8-31-60	-	-	-	-	-	-	-		394	590	123	-	-	-	995	672	1,820	7.1
12. 4. 2.141(?)	Grapevine Spring	8-31-60	-	-	-	-	-	-	-		329	269	46	-	-	-	546	276	1,090	7.5