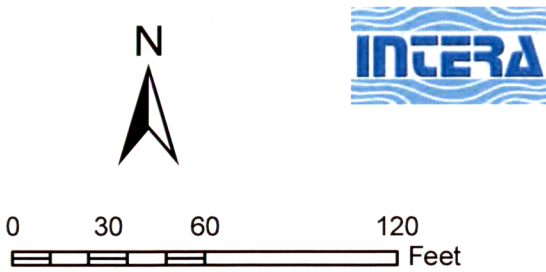


Residential Area 3				
East most house on property (A3H1)				
Distance* (feet)	Gamma (cpm)			
	N	E	S	W
	A3H1A	A3H1B	A3H1C	A3H1D
0	10220	10747	12281	12348
10	11987	12486	12994	13784
20	14263	13389	13076	14306
30	13296	12167	12684	12112
40	13974	12901	12813	14163
50	14725	13025	13062	13755
Shed (A3S1), SW of A3H1				
Distance* (feet)	Gamma (cpm)			
	N	E	S	W
	A3S1A	A3S1B	A3S1C	A3S1D
0	12388	14398	11894	13141
10	13987	13205	13258	13157
20	14365	13082	**	**
30	13976	13188	**	**
40	14083	12697	**	**
50	14092	12807	**	**
Southern most house on property (A3H2)				
Distance* (feet)	Gamma (cpm)			
	E	S	W	N
	A3H2A	A3H2B	A3H2C	A3H2D
0	11882	13224	14279	13099
10	12103	12789	13227	13235
20	12472	12367	12920	13070
27			13602	
29			**	12904
30	12037	12746	**	**
40	12365	13032	**	**
50	12164	12587	**	**
Hogan (A3HG)				
Distance* (feet)	Gamma (cpm)			
	E	S	W	N
	A3HGA	A3HGB	A3HGC	A3HGD
0	11295	12275	12324	12129
10	12247	12415	13005	14669
20	12953	14042	13640	15774
30	13571	14280	13228	15266
40	**	14846	13816	14484
50	**	14379	13594	14850
NW house (A3H3)				
Distance* (feet)	Gamma (cpm)			
	E	S	W	N
	A3H3A	A3H3B	A3H3C	A3H3D
0	11609	13429	14616	11658
10	11642	14153	13549	12267
20	13875	13979	14115	14027
30	14591	14158	14530	14532
40	15194	**	**	13426
50	14330	**	**	11864
Northern most shed on property (A3H1)				
Distance* (feet)	Gamma (cpm)			
	E	S	W	N
	A3S2A	A3S2B	A3S2C	A3S2D
0	10446	15229	13251	12127
10	13650	13072	13045	14134
20	13980	14055	**	13305
30	14224	15009	**	13935
40	14150	14213	**	13393
50	14401	11814	**	**
* = Measuring begins at structure				
** = Obstruction encountered				



Source(s):
Aerial – EDAC, dated April, 2008.

Legend

10 Foot Sample Point

(Area 3 - House #1 (A3H1))

(Area 3 - House #2 (A3H2))

(Area 3 - House #3 (A3H3))

(Area 3 - Hogan (A3HG))

Area 3 - Shed #1 (A3S1)

Area 3 - Shed #2 (A3S2)

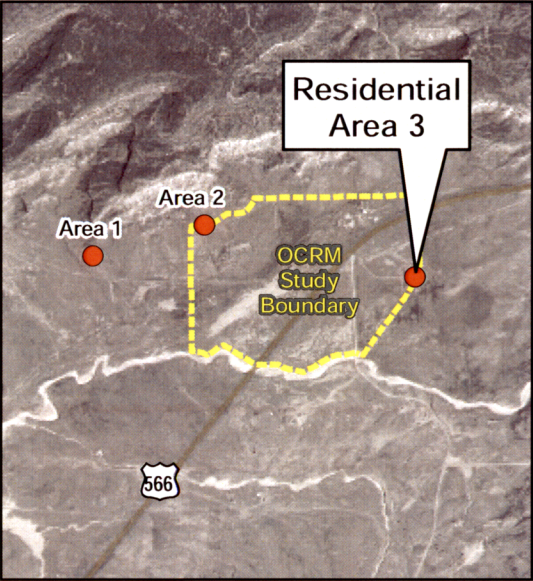
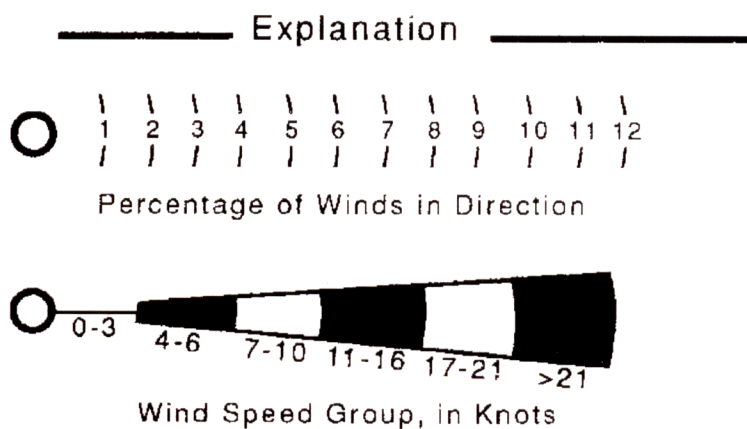
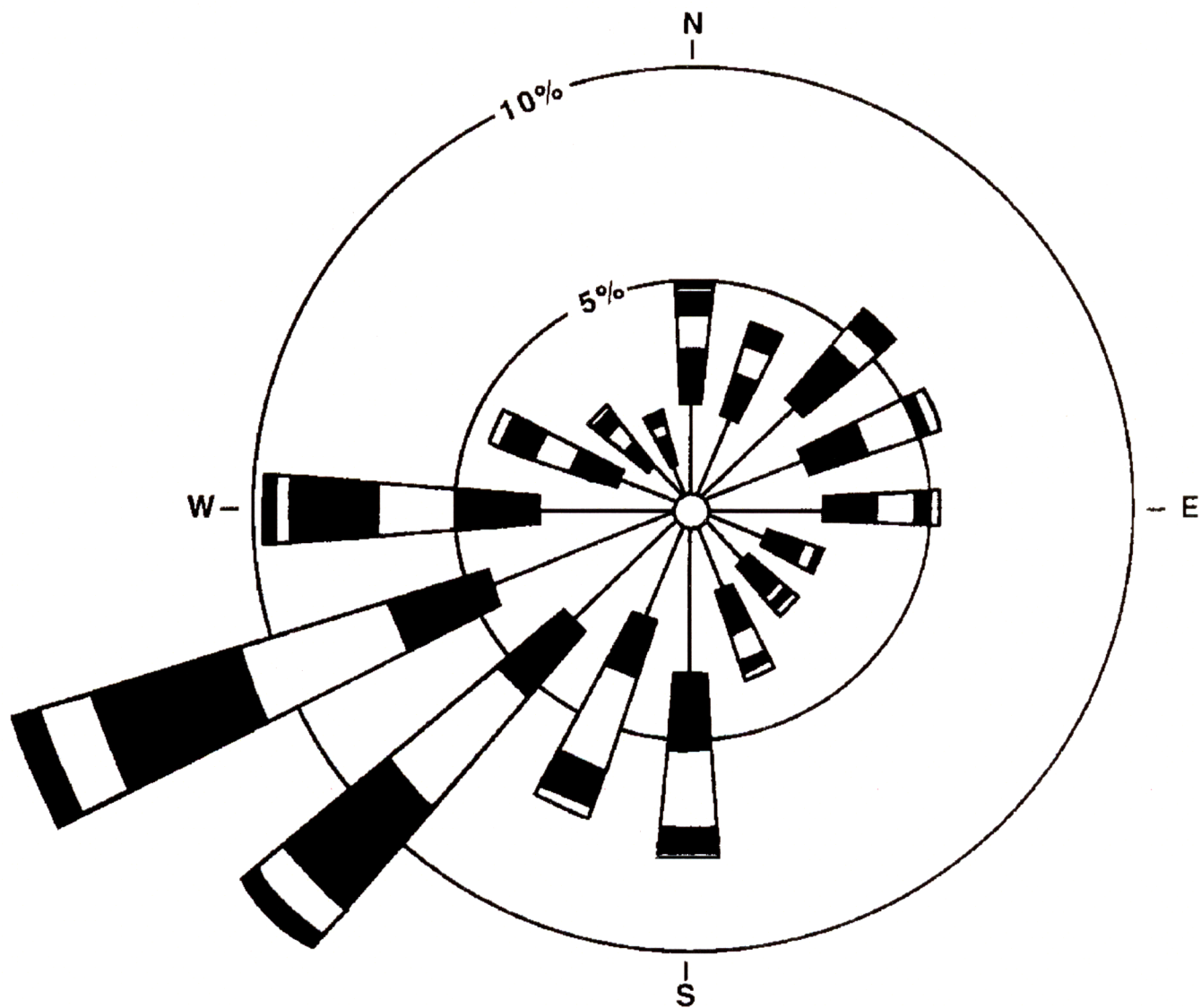


Figure 8
Residential Area 3
Gamma Survey
Old Church Rock Mine Site



(U.S. Dept. of Commerce, 1981)

Figure 9
Wind Rose for Gallup, New Mexico –
Average Annual Conditions, 1976-1980
Old Church Rock Mine Site



Source: NUREG-1508/
 U.S. Department of Commerce 1981