Table 7. SHRUB HEIGHT DATA SHEET FOR THE MINE AND MILL (AFFECTED AREA, SAGEBRUSH/GRASSLAND, SEPTEMBER 1979)

Transect — Average Height (cm) Per Transect (transects 1–14)

Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Artemisia cana				30		5		35					17	
Artemisia frigida	8	8	10	11	18	5		10	8		15	11	7	8
Artemisia nova							22		21		17			
Artemisia pedatifida	5		5	5										5
Artemisia tridentata		15	12			13	30			43				23
Atriplex gardneri														
Ceratoides lanata		10	5	10	21	23		31				5		
Chrysothamnus viscidiflorus					20	10								
Coryphantha sp.												5		
Gutierrezia sarothrae					10			10						
Opuntia polyacantha				5							5	7	5	
Yucca sp.														
TOTAL*	5.1	9.4	10.4	10.8	19.4	14.1	22.7	25.7	17.3	62.6	15.3	8.9	12.1	10.0

Transects 15–28

Species	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Artemisia cana				7	10	20	15						13	
Artemisia frigida		10	14	20	16	11.5	11	5	15		10	10	10	10
Artemisia nova			13											
Artemisia pedatifida								5		5		5	5	5
Artemisia tridentata	8					17	18	26	20	17	27	21	21	24
Atriplex gardneri	7													
Ceratoides lanata				5										
Chrysothamnus viscidiflorus														
Coryphantha sp.														
Gutierrezia sarothrae							10							
Opuntia polyacantha	10	5		5	5			15		10			10	
Yucca sp.														
TOTAL*	11.0	9.1	13.1	9.0	13.0	16.2	17.1	13.1	20.0	14.3	27.0	17.0	18.6	25.5

Transects 29–42

Species	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Artemisia cana				5	10		13			15		10	15	
Artemisia frigida		21		5	10		7	12	18	13	6	10	10	
Artemisia nova			11								10			
Artemisia pedatifida														5
Artemisia tridentata		16		8	13	7	10		11	23	8	10	25	11
Atriplex gardneri														
Ceratoides lanata	40								10					
Chrysothamnus viscidiflorus														
Coryphantha sp.														
Gutierrezia sarothrae		10						10						
Opuntia polyacantha		11						10					12	
Yucca sp.								15						
TOTAL*	40.0	16.9	10.6	7.5	12.2	6.7	8.3	11.6	11.7	20.6	7.3	10.3	15.6	10.8

Transects 43–56

Species	43	44	45	46	47	48	49	50	51	52	53	54	55	56	$\bar{x}$	S.D.
Artemisia cana			12	19								9	8		14.2	8.7
Artemisia frigida	5			15	15		20			19	10	10	14	12	11.1	6.2
Artemisia nova	13	8		23	23	25	17	16	11	21	14	18		12	16.9	11.7
Artemisia pedatifida															5.0	0.0
Artemisia tridentata			9				30					18			19.9	14.7
Atriplex gardneri									8						8.3	5.8
Ceratoides lanata			13												26.1	13.2
Chrysothamnus viscidiflorus															17.3	11.7
Coryphantha sp.															5.0	0.0
Gutierrezia sarothrae															10.0	2.7
Opuntia polyacantha	13	10		10	5	13	8			8	8		8	9	9.0	4.2
Yucca sp.															15.0	0.0
TOTAL*	11.4	9.0	10.4	20.6	19.7	24.4	15.8	15.8	10.0	17.3	11.3	14.2	10.6	12.0	15.6**	12.5

*Total = average height for all individual shrubs in each transect
**Grand total = average shrub height for 30 transects