Table 1.--Geometry data, Saint David and Sonoita roadbanks and Pomerene barrow pit.

Section[1]	Width of rill filling (m)	Cross-sectional area of rill filling (m^2)	Slope, rill filling (degrees)	Slope, left, right of fill (degrees)[2]
Saint David roadbank				
Rill 1				
1	1.4	0.30	25.4	29.5, 39.5
2	1.6	.38	28.1	43.0, 22.5
3	1.5	.34	34.0	30.0, 21.0
Rill 2				
1	1.4	.36	20.6	41.0, 40.5
2	1.9	.46	32.0	39.0, 42.0
3	1.1	.21	36.5	30.5, 11.0
Rill 3				
1	1.8	.27	29.6	36.0, 28.5
2	1.8	.38	32.0	40.0, 39.5
3	.7	.05	39.0	39.5, 41.5
Rill 4				
1	2.5	.74	22.6	39.5, 36.0
2	2.7	.74	29.7	41.0, 36.0
3	2.1	.30	31.2	40.0, 31.0

Table 1.--Geometry data, Saint David and Sonoita roadbanks and Pomerene barrow pit. (continued)

Section[1]	Width of rill filling (m)	Cross-sectional area of rill filling (m^2)	Slope, rill filling (degrees)	Slope, left, right of fill (degrees)[2]
Sonoita roadbank				
Rill 1				
1	1.3	0.15	29.6	36.5, 38.5
2	.8	.07	40.5	45.5, 43.0
Rill 2				
1	1.2	.18	29.6	45.5, 39.5
2	.8	.13	38.5	53.5, 48.0
Rill 3				
1	1.1	.15	29.6	42.0, 42.5
2	.8	.14	35.0	39.5, 42.0
Pomerene barrow pit				
1	.5	.06	26.4	40.1, 34.8
2	.4	.03	29.4	40.8, 38.2

[1] Sections are numbered from lowest to highest.

[2] Slope is of rilled lacustrine or fluvial deposits adjacent to a rill filling.

Table 2.--Particle-size data, Saint David and Sonoita roadbanks and Pomerene barrow pit.[a]

Section	Particle sizes (mm)								
	Rill filling			Capping			Underlying beds		
	d_{16}	d_{50}	d_{84}	d_{16}	d_{50}	d_{84}	d_{16}	d_{50}	d_{84}
Saint David roadbank									
Rill 1									
1	8.0	43	64	0.37	3.7	18	0.018	0.028	0.047
2	0.43	5.2	15	.37	3.7	18	.018	.028	.047
3	1.0	23	39	.37	3.7	18	.018	.028	.047
Rill 2									
1	8.8	41	56	.55	12	46	.018	.028	.047
2	.50	14	44	.55	12	46	.018	.028	.047
3	.44	13	49	.55	12	46	.018	.028	.047
Rill 3									
1	1.5	26	49	.55	12	46	.018	.028	.047
2	.70	24	49	.55	12	46	.018	.028	.047
3	.36	10	32	.55	12	46	.018	.028	.047
Rill 4									
1	2.7	45	72	.37	3.7	18	.018	.028	.047
2	.51	15	36	.37	3.7	18	.018	.028	.047
3	.41	5.6	29	.37	3.7	18	.018	.028	.047

Table 2.--Particle-size data, Saint David and Sonoita roadbanks and Pomerene barrow pit.[a] (continued)

Section	Particle sizes (mm)								
	Rill filling			Capping			Underlying beds		
	d_{16}	d_{50}	d_{84}	d_{16}	d_{50}	d_{84}	d_{16}	d_{50}	d_{84}
Sonoita roadbank									
Rill 1									
1	.52	9.4	47	1.7	47	50	.015	.20	.66
2	.38	2.3	40	1.7	47	50	.015	.20	.66
Rill 2									
1	.39	10	52	1.7	47	50	.015	.20	.66
2	.30	2.8	24	1.7	47	50	.015	.20	.66
Rill 3									
1	.31	2.4	26	1.7	47	50	.015	.20	.66
2	.52	10	42	1.7	47	50	.015	.20	.66
Pomerene barrow pit									
1	.25	8.4	37	.88	20	41	.013	.028	.072
2	.29	9.4	27	.88	20	41	.013	.028	.072

[a]Particle sizes d_{16}, d_{50}, and d_{84}, are the sizes, in millimeters, of sediment in a sample of which 16, 50, and 84 percent of the sample, by weight, is finer than the size listed.

Table 3.--Summary of particle-size data, Saint David, Sonoita, and Pomerene sites, Arizona.

	Particle size, mm, of indicated percentile:			Sorting index, S
	d_{16}	d_{50}	d_{84}	$S = 0.5\left[\frac{d_{50}}{d_{16}} + \frac{d_{84}}{d_{50}}\right]$
Composite capping, two samples, Saint David	0.46	7.8	32	10.5
Natural hillslope veneer, Saint David	.36	4.3	75	14.7
Composite of upper sections, Saint David	.55	13	37	13.2
Composite of middle sections, Saint David	.54	15	36	15.1
Composite of lower sections, Saint David	5.2	39	60	4.52
Capping, Sonoita	1.7	47	58	14.4
Composite of upper sections, Sonoita	.40	5.0	35	9.75
Composite of lower sections, Sonoita	.41	7.3	42	11.8
Capping, Pomerene	.88	20	41	12.4
Upper section, Pomerene	.29	9.4	27	17.6
Lower section, Pomerene	.25	8.4	37	19.0