

Table H. - Engineering Index Properties

Meadow Valley Area, Nevada And Utah

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
ACC: Acana	0-3	Gravelly Sandy Loam	GM SM	A-1 A-2	0	0	55-80	50-75	35-60	20-35	15-25	NP-5
	3-10	Clay Loam Loam Sandy Clay Loam	SC SC-SM	A-4 A-6	0	0	80-100	75-100	45-60	35-45	25-35	5-15
	10-17	Gravelly Loamy Sand	GM SM	A-1	0	0	55-80	50-75	25-40	15-25	---	NP
	17-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-60	Very Gravelly Loamy Sand Gravelly Loamy Sand	GM SM	A-1	0	0	50-75	45-70	30-45	10-20	---	NP
AE: Acana	0-3	Gravelly Sandy Loam	GM SM	A-1 A-2	0	0	55-80	50-75	35-60	20-35	15-25	NP-5
	3-10	Clay Loam Loam Sandy Clay Loam	SC SC-SM	A-4 A-6	0	0	80-100	75-100	45-60	35-45	25-35	5-15
	10-17	Gravelly Loamy Sand	GM SM	A-1	0	0	55-80	50-75	25-40	15-25	---	NP
	17-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-60	Gravelly Loamy Sand Very Gravelly Loamy Sand	GM SM	A-1	0	0	50-75	45-70	30-45	10-20	---	NP

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
AE: Ursine	0-2	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	80-90	65-75	60-70	40-55	20-35	5-15
	2-8	Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	70-95	60-90	55-80	40-60	20-35	5-15
	8-16	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Silt Loam	GC GC-GM	A-2	0	0-5	30-60	25-50	15-45	10-35	20-30	5-10
	16-20	Indurated	---	---	---	---	---	---	---	---	---	---
AGD: Acoma	0-4	Gravelly Sandy Loam	SM	A-2 A-4	0	0	70-90	50-75	40-55	25-40	15-25	NP-5
	4-30	Sandy Clay Gravelly Clay Gravelly Sandy Clay	SC	A-7	0	0	70-90	50-85	45-65	35-45	40-50	20-30
	30-60	Extremely Gravelly Sandy Clay Loam Very Gravelly Sandy Clay Loam	GC GP-GC	A-2	0	0	40-60	10-50	10-35	5-20	30-40	10-15
AL: Alluvial Land	---				---	---	---	---	---	---	---	---
ANC: Aned	0-4	Sandy Loam	SM	A-2 A-4	0	0	95-100	90-95	55-65	30-45	20-30	NP-5
	4-18	Clay Loam	CL	A-6	0	0	95-100	90-95	75-85	60-70	30-40	15-25
	18-22	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
BA: Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
BB: Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bit	0-2	Fine Sandy Loam	ML SM	A-2 A-4	0	0	100	100	65-80	30-55	20-25	NP-5
	2-24	Very Fine Sandy Loam Fine Sandy Loam Loam	CL-ML ML SC-SM	A-4	0	0	100	100	75-90	40-65	20-30	NP-10
	24-34	Very Gravelly Loam	SM GM	A-2	0	0	40-55	35-50	25-40	25-35	20-25	NP-5
	34-46	Indurated	---	---	---	---	---	---	---	---	---	---
	46-69	Sandy Loam	ML SM	A-2 A-4	0	0	100	100	65-80	30-55	20-25	NP-5
BD2: Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
BD2: Buster	0-3	Loamy Sand	SM	A-2	0	0	80-95	75-90	55-70	20-35	0-14	NP
	3-22	Clay Loam Loam Sandy Clay Loam	CL SC	A-6	0	0	100	100	45-75	40-70	30-40	10-20
	22-32	Loam	ML	A-4	0	0	100	100	65-85	60-80	15-20	NP-5
	32-60	Stratified Very Gravelly Sandy Loam To Gravelly Sand	GM SM	A-1	0	0	55-80	50-75	20-40	10-20	0-14	NP
Holsine	0-2	Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-90	50-75	35-55	15-30	15-25	NP-5
	2-12	Extremely Gravelly Coarse Sandy Loam	GP-GM	A-1	0	0	40-55	10-25	5-15	5-10	15-25	NP-5
	12-60	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	95-100	90-100	90-100	65-85	15-25	NP-10
BKF: Basket	0-4	Gravelly Fine Sandy Loam	SM	A-1 A-2	0	0-5	60-85	50-75	40-60	20-35	15-25	NP-5
	4-17	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	0-5	25-45	20-40	15-35	10-25	25-35	10-20
	17-27	Very Gravelly Sandy Loam	GM	A-1	0	0-5	30-55	25-50	20-35	10-20	15-25	NP-5
	27-60	Stratified Very Gravelly Coarse Sand To Gravelly Loam	GM SM	A-1	0	0-5	40-65	35-60	20-40	10-20	---	NP

BL:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Pct	
					Pct	Pct						
BL: Basket	0-4	Gravelly Fine Sandy Loam	SM	A-1	0	0-5	60-85	50-75	40-60	20-35	15-25	NP-5
	4-17	Extremely Gravelly Sandy Clay Loam	GC	A-2	0	0-5	25-45	20-40	15-35	10-25	25-35	10-20
	17-27	Very Gravelly Sandy Loam	GM	A-1	0	0-5	30-55	25-50	20-35	10-20	15-25	NP-5
	27-60	Stratified Very Gravelly Coarse Sand To Gravelly Loam	GM SM	A-1	0	0-5	40-65	35-60	20-40	10-20	---	NP
Lize	0-7	Stony Fine Sandy Loam	SC-SM SM	A-1 A-2 A-4	1-5	5-10	75-85	50-70	40-60	20-40	20-30	NP-10
	7-35	Gravelly Loam Gravelly Sandy Clay Loam Gravelly Clay Loam	CL SC	A-2 A-6	0	0	75-85	50-70	40-60	30-55	35-40	15-20
	35-60	Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	35-60	25-50	20-40	15-35	15-25	NP-5
Satt	0-2	Very Stony Sandy Loam	GM SM	A-1	5-25	10-25	50-70	40-60	30-50	10-25	20-25	NP-5
	2-7	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-85	50-70	30-50	20-40	30-35	10-15
	7-25	Very Gravelly Clay Loam Very Gravelly Sandy Clay Extremely Gravelly Clay	GC GP-GC	A-2	0	5-10	20-50	10-35	5-30	5-25	40-55	20-30
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
Bm:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
Bm: Bicondoa	0-9	Sandy Loam	SM	A-2 A-4	0	0	100	100	60-70	30-40	25-30	NP-5
	9-60	Stratified Clay Loam To	CH CL	A-7	0	0	100	100	90-100	75-95	45-55	25-35
Bn: Bicondoa	0-11	Silty Clay Loam	CH MH	A-7	0	0	100	100	90-100	85-95	50-60	20-30
	11-60	Stratified Clay Loam To	CH CL	A-7	0	0	100	100	90-100	75-95	45-55	25-35
Bo: Bicondoa	0-11	Silty Clay Loam	CH MH	A-7	0	0	100	100	90-100	85-95	50-60	20-30
	11-62	Stratified Clay Loam To	CH CL	A-7	0	0	100	100	90-100	75-95	45-55	25-35
Bicondoa	0-10	Peat	GP PT	A-1 A-8	0	0	---	---	---	---	0-14	NP
	10-60	Stratified Clay Loam To	CH CL	A-7	0	0	100	100	90-100	75-95	45-55	25-35
BR: Buster	0-3	Fine Sandy Loam	SM	A-4	0	0	80-95	75-90	55-65	35-50	15-20	NP-5
	3-22	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0	100	100	45-75	40-70	30-40	10-20
	22-32	Loam	ML	A-4	0	0	100	100	65-85	60-80	15-20	NP-5
	32-60	Stratified Very Gravelly Sandy Loam To Gravelly Sand	GM SM	A-1	0	0	55-80	50-75	20-40	10-20	0-14	NP
Rough Broken Land	---				---	---	---	---	---	---	---	

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
In					Pct	Pct					Pct	
BR:												
CAC: Cath	0-3	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0	60-85	50-75	45-65	35-50	20-30	5-10
	3-20	Clay Loam Sandy Clay Loam Gravelly Clay Loam	CL SC	A-6 A-7	0	0	80-100	65-100	60-90	40-85	35-45	15-25
	20-26	Very Gravelly Sandy Clay Loam	GC	A-2	0	0	30-60	25-50	20-40	15-35	30-40	10-20
	26-60	Stratified Very Gravelly Loamy Coarse Sand To Very Gravelly Loam	GM GP-GM	A-1	0	0	30-60	25-50	20-40	5-20	---	NP
CD: Cedaran	0-3	Cobbly Loam	CL CL-ML	A-4 A-6	0	25-35	80-90	75-85	65-75	50-60	25-35	5-15
	3-18	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0	10-25	60-70	40-55	35-50	25-40	30-45	10-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Decan	0-3	Gravelly Clay Loam	CL GC GM ML	A-6 A-7	0	0	60-80	50-75	45-65	35-55	35-45	10-20
	3-17	Clay Gravelly Clay	CH CL GC	A-7	0	0	60-90	50-85	45-75	40-60	45-55	20-30
	17-23	Clay Loam Loam	CL	A-6	0	0	85-100	75-95	70-85	50-60	30-40	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			CE: Cedaran	0-3	Cobbly Loam	CL CL-ML	A-4 A-6	0	25-35	80-90		
	3-18	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0	10-25	60-70	40-55	35-50	25-40	30-45	10-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
CG: Cliffdown	0-2	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	70-80	65-75	40-50	20-30	0-14	NP
	2-60	Stratified Gravelly Sandy Loam To Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-5	45-55	40-50	30-40	15-30	0-14	NP
Geer	0-14	Fine Sandy Loam	ML SM	A-4	0	0	100	100	85-95	40-55	15-25	NP-5
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	40-60	15-30	NP-10
DA:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
DA: Decan	0-3	Gravelly Clay Loam	CL GC GM ML	A-6 A-7	0	0	60-80	50-75	45-65	35-55	35-45	10-20
	3-17	Clay Gravelly Clay	CH CL GC	A-7	0	0	60-90	50-85	45-75	40-60	45-55	20-30
	17-23	Clay Loam Loam	CL	A-6	0	0	85-100	75-95	70-85	50-60	30-40	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---
Decan	0-3	Gravelly Clay Loam	CL GC GM ML	A-6 A-7	0	0	60-80	50-75	45-65	35-55	35-45	10-20
	3-17	Gravelly Clay Clay	CH CL GC	A-7	0	0	60-90	50-85	45-75	40-60	45-55	20-30
	17-23	Clay Loam Loam	CL	A-6	0	0	85-100	75-95	70-85	50-60	30-40	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---
Uana	0-3	Gravelly Loam	GC SC	A-2 A-6	0	0-5	60-85	50-70	40-60	30-50	30-35	10-15
	3-12	Clay	CH CL	A-7	0	0	95-100	95-100	85-95	70-80	45-55	20-30
	12-27	Clay Loam	CL	A-6 A-7	0	0	95-100	95-100	85-95	65-75	35-45	15-20
	27-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-60	Sandy Loam	SM	A-2	0	0	85-95	75-85	60-70	25-35	0-14	NP

DCC:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			DCC: Decathon	0-4	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0	65-90		
	4-20	Gravelly Sandy Clay Loam Gravelly Clay Loam Clay Loam	CL SC	A-2 A-6 A-7	0	0	65-95	55-85	40-70	30-60	35-45	15-25
	20-27	Gravelly Sandy Loam	SC-SM SM	A-2	0	0	65-90	50-75	35-60	25-35	15-30	NP-10
	27-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-60	Stratified Very Gravelly Sand To Very Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-40	5-15	0-14	NP
DED: Decathon	0-4	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0	65-90	50-75	40-60	35-45	20-30	5-10
	4-20	Gravelly Sandy Clay Loam Gravelly Clay Loam Clay Loam	CL SC	A-2 A-6 A-7	0	0	65-95	55-85	40-70	30-60	35-45	15-25
	20-27	Gravelly Sandy Loam	SC-SM SM	A-2	0	0	65-90	50-75	35-60	25-35	15-30	NP-10
	27-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-60	Stratified Very Gravelly Sand To Very Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-40	5-15	0-14	NP

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
DED: Basket	0-4	Gravelly Sandy Loam	SM	A-1	0	0-5	60-85	50-75	40-60	20-35	15-25	NP-5
	4-17	Very Gravelly Sandy Clay Loam	GC	A-2	0	0-5	25-45	20-40	15-35	10-25	25-35	10-20
	17-27 27-60	Extremely Gravelly Sandy Clay Loam										
		Very Gravelly Sandy Loam	GM	A-1	0	0-5	30-55	25-50	20-35	10-20	15-25	NP-5
		Very Gravelly Sandy Loam	GM	A-1	0	0-5	40-65	35-60	20-40	10-20	---	NP
DEE: Basket	0-4	Gravelly Fine Sandy Loam	SM	A-1	0	0-5	60-85	50-75	40-60	20-35	15-25	NP-5
	4-17	Very Gravelly Sandy Loam	GC	A-2	0	0-5	25-45	20-40	15-35	10-25	25-35	10-20
	17-27 27-60	Extremely Gravelly Sandy Clay Loam										
		Very Gravelly Sandy Clay Loam	GM	A-1	0	0-5	30-55	25-50	20-35	10-20	15-25	NP-5
		Very Gravelly Sandy Loam	GM	A-1	0	0-5	40-65	35-60	20-40	10-20	---	NP
		Stratified Very Gravelly Coarse Sand To Gravelly Loam	SM									

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
DEE: Decathon	0-4	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0	65-90	50-75	40-60	35-45	20-30	5-10
	4-20	Gravelly Sandy Clay Loam Gravelly Clay Loam Clay Loam	CL SC	A-2 A-6 A-7	0	0	65-95	55-85	40-70	30-60	35-45	15-25
	20-27	Gravelly Sandy Loam	SC-SM SM	A-2	0	0	65-90	50-75	35-60	25-35	15-30	NP-10
	27-38	Indurated	---	---	---	---	---	---	---	---	---	---
	38-60	Stratified Very Gravelly Sand To Very Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-40	5-15	0-14	NP
DG: Deerlodge	0-3	Gravelly Sandy Loam	SM	A-2 A-4	0	0	65-80	60-75	45-65	25-40	20-25	NP-5
	3-14	Clay Loam Loam Sandy Clay Loam	CL SC	A-6	0	0	85-100	80-100	70-90	40-70	30-35	10-15
	14-23	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0	60-80	55-75	45-70	25-40	30-35	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			DG: Deerlodge	0-3	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0	55-80		
	3-14	Loam Clay Loam Sandy Clay Loam	CL SC	A-6	0	0	85-100	80-100	70-90	40-70	30-35	10-15
	14-23	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0	60-80	55-75	45-70	25-40	30-35	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---
DH: Deerlodge	0-3	Gravelly Sandy Loam	SM	A-2 A-4	0	0	65-80	60-75	45-65	25-40	20-25	NP-5
	3-14	Clay Loam Loam Sandy Clay Loam	CL SC	A-6	0	0	85-100	80-100	70-90	40-70	30-35	10-15
	14-23	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0	60-80	55-75	45-70	25-40	30-35	10-15
	23-27	Indurated	---	---	---	---	---	---	---	---	---	---
Ursine	0-2	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	80-90	65-75	60-70	40-55	20-35	5-15
	2-8	Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	70-95	60-90	55-80	40-60	20-35	5-15
	8-16	Very Gravelly Sandy Loam Very Gravelly Silt Loam Very Gravelly Loam	GC GC-GM	A-2	0	0-5	30-60	25-50	15-45	10-35	20-30	5-10
	16-20	Indurated	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			DH:									
DMD: Denmark	0-3	Gravelly Loam	CL-ML SC	A-4	0	10-20	75-95	70-90	60-80	40-60	20-30	5-10
	3-20	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Sandy Loam	SC-SM GC GC-GM SC SC-SM	A-2 A-4 A-6	0	5-10	60-80	55-75	40-65	25-50	20-35	5-15
	20-24	Indurated	---	---	---	---	---	---	---	---	---	---
DN: Denmark	0-8	Cobbly Loam	CL-ML SC	A-4	0	10-20	75-95	70-90	60-80	40-60	20-30	5-10
	8-18	Gravelly Sandy Loam Gravelly Sandy Clay Loam Gravelly Loam	SC-SM GC GC-GM SC SC-SM	A-2 A-4 A-6	0	5-10	60-80	55-75	40-65	25-50	20-35	5-15
	18-22	Indurated	---	---	---	---	---	---	---	---	---	---
Linco	0-8	Gravelly Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-80	50-75	35-65	20-50	15-25	NP-5
	8-25	Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0	0	60-75	50-70	35-60	25-45	15-25	NP-5
	25-60	Gravelly Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-75	50-70	35-60	20-45	15-25	NP-5
FAC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
FAC: Fanu	0-9	Gravelly Fine Sandy Loam	SM	A-2	0	0	85-95	65-75	50-65	25-35	20-25	NP-5
	9-21	Loam	CL	A-6	0	0	80-95	75-85	65-75	35-55	25-35	10-15
	21-60	Sandy Clay Loam Stratified Sandy Clay Loam To Gravelly Loam	SC SC	A-2 A-6	0	0	80-100	60-85	50-80	25-50	25-35	10-15
GE: Geer	0-9	Fine Sandy Loam	ML SM	A-4	0	0	100	100	85-95	40-55	15-25	NP-5
	9-21	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML	A-4	0	0	100	100	85-95	45-75	15-30	NP-10
	21-60	Very Fine Sandy Loam Gravelly Silt Loam Gravelly Fine Sandy Loam	SC-SM SM CL-ML GC-GM GM ML SC-SM	A-2 A-4	0	0	60-95	55-90	45-85	25-60	15-30	NP-10
Gf: Geer	0-14	Silt Loam	CL-ML ML	A-4	0	0	100	100	90-100	70-80	20-30	NP-10
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	40-60	15-30	NP-10
Gg:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			Gg: Geer	0-14	Silt Loam	CL-ML ML	A-4	0	0	100		
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	45-75	15-30	NP-10
Gh: Geer	0-14	Silt Loam	CL-ML ML	A-4	0	0	100	100	90-100	70-80	20-30	NP-10
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	45-75	15-30	NP-10
Geer	---				---	---	---	---	---	---	---	---
Gk: Geer, wet	0-4	Silt Loam	CL-ML ML	A-4	0	0	100	100	90-100	70-80	15-30	NP-10
	4-29	Stratified Very Fine Sandy Loam To Silt Loam	CL-ML ML	A-4	0	0	100	100	85-95	50-65	15-30	NP-10
	29-37	Stratified Very Fine Sandy Loam To Silt Loam	CL-ML ML	A-4	0	0	100	100	85-95	50-65	15-30	NP-10
	37-60	Stratified Very Fine Sandy Loam To Silt Loam	CL-ML ML	A-4	0	0	100	100	85-95	50-65	15-30	NP-10
Geer Variant,wet	---				---	---	---	---	---	---	---	---
GM:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			GM: Geer	0-14	Fine Sandy Loam	ML SM	A-4	0	0	100		
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	40-60	15-30	NP-10
Heist	0-12	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-85	50-80	35-55	20-30	20-30	NP-10
	12-42	Sandy Loam Fine Sandy Loam Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-95	50-90	35-65	20-35	20-30	NP-10
	42-60	Very Gravelly Sand Gravelly Loamy Sand Fine Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0	0	40-85	35-80	20-55	5-35	20-25	NP-5
HA: Hamtah	0-10	Very Stony Clay Loam	GC SC	A-2 A-6 A-7	5-15	5-20	65-75	60-70	50-65	30-50	35-45	15-20
	10-21	Gravelly Clay Loam	GC SC	A-2 A-6 A-7	0	0-5	55-75	50-70	45-65	30-50	35-45	15-20
	21-33	Gravelly Clay	GC	A-7	0	0-5	55-65	50-60	45-55	35-50	45-60	20-30
	33-41	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0-5	0-5	30-50	25-45	20-40	15-35	45-55	20-30
	41-60	Very Gravelly Clay Loam	GC	A-2	0-5	0-5	30-55	25-50	20-40	15-35	35-45	15-20

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			HA: Tica	0-5	Very Stony Loam	GC GC-GM	A-2 A-4 A-6	5-15	10-25	45-65		
	5-13	Very Gravelly Clay Very Gravelly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-20	10-30	55-70	50-65	40-60	35-55	45-55	25-35
	13-18	Very Cobbly Sandy Clay Loam	SC	A-2 A-6	0-5	25-60	70-100	65-100	40-60	25-40	30-35	15-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
HC: Hamtah	0-10	Very Stony Clay Loam	GC SC	A-2 A-6 A-7	5-15	5-20	65-75	60-70	50-65	30-50	35-45	15-20
	10-21	Gravelly Clay Loam	GC SC	A-2 A-6 A-7	0	0-5	55-75	50-70	45-65	30-50	35-45	15-20
	21-33	Gravelly Clay	GC	A-7	0	0-5	55-65	50-60	45-55	35-50	45-60	20-30
	33-41	Very Gravelly Clay	GC	A-2	0-5	0-5	30-50	25-45	20-40	15-35	45-55	20-30
	41-60	Very Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0-5	0-5	30-55	25-50	20-40	15-35	35-45	15-20
Udel	0-5	Extremely Gravelly Sandy Loam	GP-GM GW-GM	A-1	0-1	0-5	20-35	10-25	10-20	5-10	20-25	NP-5
	5-9	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
HDC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			HDC: Heist	0-4	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-85		
	4-60	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-95	50-90	35-65	20-35	20-30	NP-10
HEC: Heist	0-4	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-85	50-80	35-55	20-30	20-30	NP-10
	4-35	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-95	50-90	35-65	20-35	20-30	NP-10
	35-60	Fine Sandy Loam Gravelly Loamy Sand Very Gravelly Sand	GM GP-GM SM SP-SM	A-1 A-2	0	0	40-85	35-80	20-55	5-35	20-25	NP-5
HN: Holsine	0-2	Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-90	50-75	35-55	15-30	15-25	NP-5
	2-12	Extremely Gravelly Coarse Sandy Loam	GP-GM	A-1	0	0	40-55	10-25	5-15	5-10	15-25	NP-5
	12-60	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	95-100	90-100	90-100	65-85	15-25	NP-10

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			HN: Usine	0-4	Cobbly Sandy Loam	SM	A-2	0	15-40	85-95		
	4-9	Gravelly Sandy Loam	SM	A-1 A-2	0	5-10	65-80	60-75	35-60	15-30	15-25	NP-5
	9-60	Stratified Extremely Gravelly Loamy Sand To Extremely Gravelly Sand	GP	A-1	0	15-45	15-25	10-20	5-15	0-5	---	NP
Buster	0-3	Loamy Sand	SM	A-2	0	0	80-95	75-90	55-70	20-35	0-14	NP
	3-22	Sandy Clay Loam Loam Clay Loam	CL SC	A-6	0	0	100	100	45-75	40-70	30-40	10-20
	22-32	Loam	ML	A-4	0	0	100	100	65-85	60-80	15-20	NP-5
	32-60	Stratified Very Gravelly Sandy Loam To Gravelly Sand	GM SM	A-1	0	0	55-80	50-75	20-40	10-20	0-14	NP
HOC: Hottle	0-13	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-35	NP-5
	13-28	Silt Loam Very Fine Sandy Loam Loam	ML	A-4 A-5	0	0	90-100	90-100	85-95	65-85	35-45	NP-10
	28-60	Silt Loam Very Fine Sandy Loam Loam	ML	A-4 A-5	0	0	90-100	90-100	85-95	65-85	35-45	NP-10
HR: Hottle	0-13	Loam	ML	A-4	0	0	95-100	95-100	80-90	60-70	25-35	NP-5
	13-28	Loam Silt Loam Very Fine Sandy Loam	ML	A-4 A-5	0	0	90-100	90-100	85-95	65-85	35-45	NP-10
	28-60	Very Fine Sandy Loam Very Fine Sandy Loam Loam Silt Loam	ML	A-4 A-5	0	0	90-100	90-100	85-95	65-85	35-45	NP-10

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
HR:					Pct	Pct						
Four Star	0-6	Loam	ML	A-4	0	0	100	90-100	80-90	60-70	25-35	NP-10
	6-28	Sandy Loam	SM	A-2	0	0	100	90-100	50-70	25-40	15-25	NP-5
	28-60	Fine Sandy Loam Stratified Loamy Sand To Silt Loam	SM	A-4 A-2 A-4	0	0	100	90-100	50-80	30-50	25-35	NP-5
HSC:												
Homestake	0-6	Gravelly Sandy Loam	SM	A-1 A-2 A-4	0	5-15	60-80	60-80	40-60	20-40	20-25	NP-5
	6-20	Very Gravelly Clay Loam Extremely Gravelly Clay Very Gravelly Clay	GC	A-2	0-5	0-10	20-40	15-35	15-35	10-30	45-60	20-35
	20-41	Extremely Cobbly Sandy Clay Loam Very Cobbly Clay Loam Very Cobbly Sandy Clay Loam	GC	A-2 A-6	0-5	45-60	40-60	35-55	25-50	10-40	30-40	10-20
	41-60	Very Cobbly Sand Extremely Cobbly Loamy Sand Very Cobbly Loamy Sand	GM GP-GM	A-1	0-5	45-60	40-60	35-55	20-35	5-15	0-14	NP
HTC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			HTC: Homestake	0-6	Very Stony Sandy Loam	SM	A-1 A-2 A-4	5-25	10-20	60-80		
	6-20	Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	0-5	0-10	20-40	15-35	15-35	10-30	45-60	20-35
	20-41	Very Gravelly Clay Loam Extremely Cobbly Sandy Clay Loam	GC	A-2 A-6	0-5	45-60	40-60	35-55	25-50	10-40	30-40	10-20
	41-60	Very Cobbly Clay Loam Very Cobbly Sandy Clay Loam Extremely Cobbly Loamy Sand Very Cobbly Loamy Sand Very Cobbly Sand	GM GP-GM	A-1	0-5	45-60	40-60	35-55	20-35	5-15	0-14	NP
IND: Itca	0-2	Stony Clay Loam	GC	A-6	1-5	5-15	60-75	50-65	45-60	35-50	35-40	15-20
	2-14	Very Gravelly Clay Loam Very Gravelly Clay Very Cobbly Clay Loam	CL GC	A-2 A-7	0-5	0-55	40-80	30-75	25-70	20-60	40-50	15-25
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
IO: Itca	0-2	Very Cobbly Loam	GC GC-GM	A-4 A-6	1-5	30-55	60-75	50-65	45-60	35-50	25-35	5-15
	2-14	Very Gravelly Clay Loam Very Gravelly Clay Very Cobbly Clay Loam	CL GC	A-2 A-7	0-5	0-55	40-80	30-75	25-70	20-60	40-50	15-25
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
IO: Cedaran	0-3	Stony Loam	CL CL-ML	A-4 A-6	1-5	25-35	80-90	75-85	65-75	50-60	25-35	5-15
	3-18	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0	10-25	60-70	40-55	35-50	25-40	30-45	10-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
IR: Itca	0-2	Very Stony Loam	GC GC-GM	A-4 A-6	5-25	15-30	60-75	50-65	45-60	35-50	25-35	5-15
	2-14	Very Cobbly Clay Loam Very Gravelly Clay Loam Very Gravelly Clay	CL GC	A-2 A-7	0-5	0-55	40-80	30-75	25-70	20-60	40-50	15-25
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
JCD: Jarab	0-5	Cobbly Loam	CL-ML ML SC-SM SM	A-4	0	15-25	70-95	65-90	55-80	35-60	15-30	NP-10
	5-10	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2	0	0-10	40-60	30-50	25-45	20-35	30-40	10-20
	10-14	Cemented	---	---	---	---	---	---	---	---	---	---
KO:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
	In				Pct	Pct					Pct	
KO: Kyler	0-3	Extremely Cobbly Loam	GC-GM GM	A-1 A-2	0-10	40-50	30-40	25-40	20-35	15-25	15-25	NP-10
	3-7	Very Gravelly Loam Very Cobbly Loam	GC-GM GM SC-SM SM	A-2 A-4	0-10	15-40	55-70	50-65	40-60	25-40	15-25	NP-10
	7-11	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
KR: Kyler	0-3	Stony Loam	GC-GM GM	A-1 A-2	1-5	20-30	40-65	35-60	30-55	20-30	15-25	NP-10
	3-7	Very Cobbly Loam Very Gravelly Loam	GC-GM GM	A-2 A-4	0-10	15-40	55-70	50-65	40-60	25-40	15-25	NP-10
	7-11	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Kyler Variant	0-11	Very Stony Loam	GC-GM GM SC-SM SM	A-4	5-15	10-20	60-80	55-75	45-60	35-50	20-30	NP-10
	11-34	Very Gravelly Loam Extremely Gravelly Loam	GC GC-GM	A-2	0-5	0-10	25-50	20-45	15-30	10-25	25-35	5-15
	34-43	Extremely Gravelly Loam Very Gravelly Loam	GC GC-GM	A-2	0	0	25-50	20-45	20-45	15-35	25-35	5-15
	43-47	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

LAB:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
LAB: Lien	0-3	Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0	0	60-80	50-75	40-65	25-45	15-25	NP-5
	3-8	Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam Extremely Gravelly Loam	GC-GM GM GP-GC GP-GM	A-1 A-2	0	0	20-50	15-40	15-35	10-20	15-25	NP-10
	8-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-60	Cemented	---	---	---	---	---	---	---	---	---	---
LC: Linco	0-8	Gravelly Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-80	50-75	35-65	20-50	15-25	NP-5
	8-25	Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0	0	60-75	50-70	35-60	25-45	15-25	NP-5
	25-60	Gravelly Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-75	50-70	35-60	20-45	15-25	NP-5
Acana	0-3	Gravelly Sandy Loam	GM SM	A-1 A-2	0	0	55-80	50-75	35-60	20-35	15-25	NP-5
	3-10	Sandy Clay Loam Clay Loam Loam	SC SC-SM	A-4 A-6	0	0	80-100	75-100	45-60	35-45	25-35	5-15
	10-17	Gravelly Loamy Sand	GM SM	A-1	0	0	55-80	50-75	25-40	15-25	---	NP
	17-24	Indurated	---	---	---	---	---	---	---	---	---	---
24-60	Gravelly Loamy Sand Very Gravelly Loamy Sand	GM SM	A-1	0	0	50-75	45-70	30-45	10-20	---	NP	

LD:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
LD: Linco	0-8	Gravelly Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-80	50-75	35-65	20-50	15-25	NP-5
	8-25	Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0	0	60-75	50-70	35-60	25-45	15-25	NP-5
	25-60	Gravelly Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-75	50-70	35-60	20-45	15-25	NP-5
Linco	0-8	Gravelly Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-80	50-75	35-65	20-50	15-25	NP-5
	8-25	Gravelly Fine Sandy Loam Gravelly Loam	GM SM	A-2 A-4	0	0	60-75	50-70	35-60	25-45	15-25	NP-5
	25-60	Gravelly Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-1 A-2 A-4	0	0	60-75	50-70	35-60	20-45	15-25	NP-5
Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
LE: Lize	0-7	Stony Fine Sandy Loam	SC-SM SM	A-1 A-2 A-4	1-5	5-10	75-85	50-70	40-60	20-40	20-30	NP-10
	7-35	Gravelly Sandy Clay Loam Gravelly Clay Loam Gravelly Loam	CL SC	A-2 A-6	0	0	75-85	50-70	40-60	30-55	35-40	15-20
	35-60	Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	35-60	25-50	20-40	15-35	15-25	NP-5

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			LE:									
Lize	0-7	Stony Fine Sandy Loam	SC-SM SM	A-1 A-2 A-4	1-5	5-10	75-85	50-70	40-60	20-40	20-30	NP-10
	7-35	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	CL SC	A-2 A-6	0	0	75-85	50-70	40-60	30-55	35-40	15-20
	35-60	Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	35-60	25-50	20-40	15-35	15-25	NP-5
LT:												
Lize	0-7	Stony Fine Sandy Loam	SC-SM SM	A-1 A-2 A-4	1-5	5-10	75-85	50-70	40-60	20-40	20-30	NP-10
	7-35	Gravelly Loam Gravelly Sandy Clay Loam Gravelly Clay Loam	CL SC	A-2 A-6	0	0	75-85	50-70	40-60	30-55	35-40	15-20
	35-60	Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	35-60	25-50	20-40	15-35	15-25	NP-5
Tica	0-5	Very Stony Loam	GC GC-GM	A-2 A-4 A-6	5-15	10-25	45-65	40-60	35-55	25-45	25-35	5-15
	5-13	Very Gravelly Clay Very Gravelly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-20	10-30	55-70	50-65	40-60	35-55	45-55	25-35
	13-18	Very Cobbly Sandy Clay Loam	SC	A-2 A-6	0-5	25-60	70-100	65-100	40-60	25-40	30-35	15-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
MU:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
MU: Met	0-4	Very Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	70-80	40-50	---	NP
	4-31	Fine Sandy Loam	GM	A-2	0	0	55-90	50-85	40-75	25-50	---	NP
		Gravelly Loam	SM	A-4								
	31-37	Gravelly Very Fine Sandy Loam										
		Very Gravelly Fine Sandy Loam	GM	A-1	0	0	30-55	25-50	20-45	10-25	---	NP
	37-60	Cemented	---	---	---	---	---	---	---	---	---	---
60-69	Very Gravelly Loamy Fine Sand	GM	A-1	0	0	25-55	20-50	15-45	5-20	---	NP	
	Extremely Gravelly Loamy Fine Sand	GP-GM										
Ursine	0-2	Gravelly Loam	CL	A-4	0	0-5	80-90	65-75	60-70	40-55	20-35	5-15
			CL-ML	A-6								
	2-8	Loam Gravelly Loam	SC									
			SC-SM									
8-16	Very Gravelly Loam Very Gravelly Sandy Loam	CL	A-4	0	0-5	70-95	60-90	55-80	40-60	20-35	5-15	
		CL-ML	A-6									
16-20	Very Gravelly Silt Loam Indurated	SC										
		SC-SM										
			A-2	0	0-5	30-60	25-50	15-45	10-35	20-30	5-10	
			GC-GM									
			---	---	---	---	---	---	---	---	---	

MVC:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
MVC: Minu	0-3	Gravelly Sandy Loam	SM	A-2	0	0-5	65-80	60-75	40-60	25-35	20-25	NP-5
	3-13	Gravelly Sandy Clay Loam	GC	A-2	0	0-5	55-75	50-60	25-45	20-40	30-40	10-15
		Gravelly Clay Loam	SC	A-6								
	13-22	Cemented	---	---	---	---	---	---	---	---	---	---
	22-60	Very Gravelly Sand	GM	A-1	0	0-10	30-60	20-50	10-30	0-15	---	NP
	Very Gravelly Loamy Coarse Sand	GP GW-GM										
	Extremely Gravelly Loamy Sand	SM										
MWC: Minu	0-3	Stony Sandy Loam	GM	A-1	1-5	10-20	55-70	40-55	30-40	15-25	20-25	NP-5
			SM									
	3-13	Gravelly Sandy Clay Loam	GC	A-2	0	0-5	55-75	50-60	25-45	20-40	30-40	10-15
		Gravelly Clay Loam	SC	A-6								
	13-22	Cemented	---	---	---	---	---	---	---	---	---	---
22-60	Very Gravelly Sand	GM	A-1	0	0-10	30-60	20-50	10-30	0-15	---	NP	
	Very Gravelly Loamy Coarse Sand	GP GW-GM										
	Extremely Gravelly Loamy Sand	SM										
NR: Nevtah	0-11	Stony Loam	CL-ML ML SC-SM SM	A-4	1-5	5-10	70-90	65-85	55-85	40-75	15-25	NP-10
	11-25	Very Gravelly Loam	GC-GM	A-1	0-5	0-5	45-55	25-50	20-40	10-35	15-25	NP-10
		Very Gravelly Fine Sandy Loam	GM	A-2								
		Very Gravelly Sandy Loam										
25-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---	
30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---	

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			NR:									
Nevtah	0-11	Very Stony Loam	GC-GM GM SC-SM SM	A-2 A-4	5-25	10-25	60-80	50-70	40-60	30-50	15-30	NP-10
	11-25	Very Gravelly Fine Sandy Loam	GC-GM GM	A-1 A-2	0-5	0-5	45-55	25-50	20-40	10-35	15-25	NP-10
	25-30	Very Gravelly Sandy Loam										
	30-34	Very Gravelly Loam										
		Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop												
NSD:												
Nevu	0-11	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0-5	55-80	50-75	40-55	25-40	20-30	NP-10
	11-21	Gravelly Clay Loam	CL	A-6	0	0-5	60-85	50-75	45-60	35-55	35-40	15-20
		Gravelly Loam	GC									
		Gravelly Sandy Clay Loam	SC									
	21-36	Indurated	---	---	---	---	---	---	---	---	---	---
	36-60	Gravelly Sandy Loam	GM SM	A-2	0	0-5	60-85	50-70	40-60	25-35	15-25	NP-5
Pa:												
Pahranagat	0-15	Silt Loam	CL ML	A-6	0	0	100	100	95-100	75-85	35-40	10-15
	15-60	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-20
Pd:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
Pd: Pahrnagat	0-15	Silt Loam	CL ML	A-6	0	0	100	100	95-100	80-90	35-40	10-15
	15-60	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-20
Pe: Pahrnagat	0-15	Silty Clay Loam	CL ML	A-7	0	0	100	100	95-100	80-90	40-50	15-20
	15-60	Stratified Very Fine Sandy Loam To Silty Clay	ML	A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-20
Pahrnagat	---				---	---	---	---	---	---	---	---
Pg: Pahrnagat	0-15	Silty Clay Loam	CL ML	A-7	0	0	100	100	95-100	80-90	40-50	15-20
	15-60	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-20
PMC: Pamsdel	0-4	Gravelly Loam	SC SC-SM	A-2 A-4 A-6	0	0-5	80-90	50-75	40-60	30-50	25-35	5-15
	4-15	Gravelly Clay Loam Clay Loam	CL GC	A-2 A-6	0	0-5	60-90	50-85	40-75	30-60	35-45	15-20
	15-21	Extremely Gravelly Loam Extremely Gravelly Clay Loam	SC GC GP-GC	A-7 A-2	0-5	0-10	10-30	5-25	5-20	5-20	35-45	15-20
	21-25	Indurated	---	---	---	---	---	---	---	---	---	---
PN:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
PN: Patter	0-5	Loam	ML SM	A-4	0	0	100	80-90	55-75	45-65	20-30	NP-5
	5-16	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	80-90	60-80	50-65	20-30	NP-5
	16-60	Very Fine Sandy Loam Silt Loam Loam	ML	A-4	0	0	100	80-90	60-80	50-65	20-30	NP-5
Geer	0-14	Fine Sandy Loam	ML SM	A-4	0	0	100	100	85-95	40-55	15-25	NP-5
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	40-60	15-30	NP-10
PO: Patter	0-5	Silty Clay Loam	CL	A-6	0	0	100	80-90	70-85	65-80	35-40	15-20
	5-16	Silt Loam Loam	ML	A-4	0	0	100	80-90	60-80	50-60	20-30	NP-5
	16-60	Very Fine Sandy Loam Silt Loam Loam Very Fine Sandy Loam	ML	A-4	0	0	100	80-90	60-80	50-60	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
PO: Heist	0-4	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-85	50-80	35-55	20-30	20-30	NP-10
	4-30	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0	55-95	50-90	35-65	20-35	20-30	NP-10
	30-60	Very Gravelly Sand Gravelly Loamy Sand Fine Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0	0	40-85	35-80	20-55	5-35	20-25	NP-5
Geer	0-14	Fine Sandy Loam	ML SM	A-4	0	0	100	100	85-95	40-55	15-25	NP-5
	14-60	Stratified Fine Sandy Loam To Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	85-95	40-60	15-30	NP-10
PR: Patter	0-5	Loam	ML SM	A-4	0	0	100	80-90	55-75	45-65	20-30	NP-5
	5-16	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	100	80-90	60-80	50-65	20-30	NP-5
	16-60	Silt Loam Loam Very Fine Sandy Loam	ML	A-4	0	0	100	80-90	60-80	50-65	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
PR: Shroe	0-10	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	55-80	50-75	45-65	35-55	25-35	5-15
	10-16	Very Gravelly Clay Very Gravelly Clay Loam	GC SC	A-2	0	0-5	50-70	35-50	30-40	20-35	40-55	20-30
	16-40	Very Gravelly Sandy Clay Very Gravelly Sandy Clay Loam	GC SC	A-2	0	0-5	50-70	35-50	25-35	15-30	30-45	10-20
	40-60	Loam	CL CL-ML	A-4 A-6	0	0-5	80-95	75-95	60-75	50-65	25-35	5-15
PS: Pioche	0-1	Extremely Stony Loam	GM SM	A-2 A-4	20-50	15-55	60-85	50-75	40-60	30-50	15-25	NP-5
	1-11	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	5-10	20-40	60-70	55-65	45-60	35-55	40-55	20-30
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
PTB: Poorma	0-3	Very Fine Sandy Loam	ML	A-4	0	0	100	100	85-100	50-70	20-25	NP-5
	3-17	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	75-90	55-75	20-30	NP-5
	17-60	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	75-90	55-75	20-30	NP-5

PV:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
In				Pct	Pct					Pct		
PV: Poorma Variant	0-6	Silt Loam	ML	A-4	0	0	100	100	85-95	70-80	20-35	NP-10
	6-60	Clay	CH MH	A-7	0	0	100	100	90-100	75-85	50-65	20-35
RO: Rockland	---				---	---	---	---	---	---	---	---
RRD: Roval	0-2	Gravelly Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0-5	60-85	50-70	40-65	30-50	20-30	NP-10
	2-14	Gravelly Sandy Clay Loam Gravelly Clay Loam Gravelly Loam	SC	A-2 A-6	0	0-5	60-85	50-75	30-60	20-50	25-35	10-15
	14-32	Indurated	---	---	---	---	---	---	---	---	---	---
	32-60	Very Gravelly Loamy Sand	GM	A-1	0	0-10	50-65	30-45	15-30	10-20	0-14	NP
RV: Roval	0-2	Gravelly Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0-5	60-85	50-70	40-65	30-50	20-30	NP-10
	2-14	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	SC	A-2 A-6	0	0-5	60-85	50-75	30-60	20-50	25-35	10-15
	14-32	Indurated	---	---	---	---	---	---	---	---	---	---
	32-60	Very Gravelly Loamy Sand	GM	A-1	0	0-10	50-65	30-45	15-30	10-20	0-14	NP

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
RV: Acana	0-3	Gravelly Sandy Loam	GM SM	A-1 A-2	0	0	55-80	50-75	35-60	20-35	15-25	NP-5
	3-10	Clay Loam Sandy Clay Loam Loam	SC SC-SM	A-4 A-6	0	0	80-100	75-100	45-60	35-45	25-35	5-15
	10-17	Gravelly Loamy Sand	GM SM	A-1	0	0	55-80	50-75	25-40	15-25	---	NP
	17-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-60	Gravelly Loamy Sand Very Gravelly Loamy Sand	GM SM	A-1	0	0	50-75	45-70	30-45	10-20	---	NP
SAD2: Satt	0-2	Stony Sandy Loam	SM	A-1 A-2	1-5	5-10	60-85	50-70	40-60	20-35	20-25	NP-5
	2-7	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-85	50-70	30-50	20-40	30-35	10-15
	7-25	Very Gravelly Sandy Clay Very Gravelly Clay Loam Extremely Gravelly Clay	GC GP-GC	A-2	0	5-10	20-50	10-35	5-30	5-25	40-55	20-30
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
SCC2: Satt	0-2	Stony Fine Sandy Loam	SM	A-1 A-2	1-5	5-10	60-85	50-70	40-60	20-35	20-25	NP-5
	2-7	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0-5	60-85	50-70	30-50	20-40	30-35	10-15
	7-25	Very Gravelly Sandy Clay Very Gravelly Clay Loam Extremely Gravelly Clay	GC GP-GC	A-2	0	5-10	20-50	10-35	5-30	5-25	40-55	20-30
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
SD:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
SD: Satt	0-2	Stony Sandy Loam	SM	A-1	1-5	5-10	60-85	50-70	40-60	20-35	20-25	NP-5
	2-7	Gravelly Sandy Clay Loam	GC	A-2	0	0-5	60-85	50-70	30-50	20-40	30-35	10-15
	7-25	Extremely Gravelly Clay Very Gravelly Sandy Clay Very Gravelly Clay Loam	SC GC GP-GC	A-6 A-2	0	5-10	20-50	10-35	5-30	5-25	40-55	20-30
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
Satt	0-2	Extremely Stony Sandy	GM	A-1	25-50	25-35	35-55	25-45	20-40	10-25	10-25	NP-5
	2-7	Gravelly Sandy Clay Loam	GC	A-2	0	0-5	60-85	50-70	30-50	20-40	30-35	10-15
	7-25	Very Gravelly Sandy Clay Very Gravelly Clay Loam Extremely Gravelly Clay	SC GC GP-GC	A-6 A-2	0	5-10	20-50	10-35	5-30	5-25	40-55	20-30
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
SEF:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
SEF: Seval	0-3	Very Gravelly Sandy Loam	GM	A-1	0	0-30	30-55	25-50	15-40	10-35	15-25	NP-5
	3-6	Gravelly Sandy Clay Loam	SC	A-2 A-6 A-7	0	0-15	65-80	60-75	35-60	25-50	30-45	10-20
	6-14	Gravelly Sandy Clay Gravelly Clay Gravelly Clay Loam	CL GC SC	A-7	0	0-15	65-80	60-75	45-65	35-55	40-50	15-25
	14-23	Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0-10	60-80	55-75	40-60	25-40	15-30	NP-10
	23-27 27-60	Indurated Stratified Very Gravelly Loam To Extremely Gravelly Sand	--- GM GP-GM	--- A-1	--- 0	--- 0-30	--- 20-40	--- 15-35	--- 10-20	--- 5-20	--- 0-14	--- NP
SGD: Shroe	0-10	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	55-80	50-75	45-65	35-55	25-35	5-15
	10-16	Very Gravelly Clay Loam Very Gravelly Sandy Clay Very Gravelly Clay	GC SC	A-2	0	0-5	50-70	35-50	30-40	20-35	40-55	20-30
	16-40	Very Gravelly Sandy Clay Loam	GC SC	A-2	0	0-5	50-70	35-50	25-35	15-30	30-45	10-20
	40-60	Loam	CL CL-ML	A-4 A-6	0	0-5	80-95	75-95	60-75	50-65	25-35	5-15

SH:

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
SH: Shroe	0-10	Cobbly Sandy Clay Loam	CL SC	A-6 A-7	0	10-25	70-90	65-85	55-75	40-60	30-45	10-20
	10-16	Very Gravelly Clay Very Gravelly Sandy Clay	GC SC	A-2	0	0-5	50-70	35-50	30-40	20-35	40-55	20-30
	16-40	Very Gravelly Sandy Clay Loam	GC SC	A-2	0	0-5	50-70	35-50	25-35	15-30	30-45	10-20
	40-60	Loam	CL CL-ML	A-4 A-6	0	0-5	80-95	75-95	60-75	50-65	25-35	5-15
Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Shroe	0-10	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	55-80	50-75	45-65	35-55	25-35	5-15
	10-16	Very Gravelly Clay Loam Very Gravelly Sandy Clay	GC SC	A-2	0	0-5	50-70	35-50	30-40	20-35	40-55	20-30
	16-40	Very Gravelly Clay Very Gravelly Sandy Clay Loam	GC SC	A-2	0	0-5	50-70	35-50	25-35	15-30	30-45	10-20
	40-60	Loam	CL CL-ML	A-4 A-6	0	0-5	80-95	75-95	60-75	50-65	25-35	5-15
SKC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
SKC: Sieroclipf	0-3	Gravelly Sandy Loam	GM SM	A-2 A-4	0	0-5	55-80	50-75	40-60	25-45	15-25	NP-5
	3-11	Gravelly Loam Very Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	65-95	60-90	55-80	45-70	25-40	5-15
	11-26	Very Gravelly Loam Extremely Gravelly Fine Sandy Loam	GM	A-1	0	0-5	30-50	20-35	15-25	10-15	15-25	NP-5
	26-60	Very Gravelly Sandy Loam Indurated	---	---	---	---	---	---	---	---	---	---
SL: Slickens	0-10	Silt	ML	A-4	0	0	100	100	100	80-100	0-14	NP
	10-30	Very Fine Sandy Loam Silt	ML	A-4	0	0	100	100	100	70-100	0-14	NP
	30-60	Silt Loam Variable	GP	A-1	---	---	---	---	---	---	---	---
ST: Stampede	0-7	Gravelly Loam	CL-ML GC-GM GM ML	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	NP-10
	7-29	Clay Clay Loam	CH CL	A-7	0	0-5	85-95	80-95	70-80	50-65	45-60	20-30
	29-34	Loam	CL-ML ML SC-SM SM	A-4	0	0-5	80-100	75-100	55-80	40-65	20-30	NP-10
	34-60	Indurated	---	---	---	---	---	---	---	---	---	---
SWC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
In				Pct	Pct					Pct		
SWC: Swisbob	0-8	Very Stony Loam	GM SM	A-2 A-4	10-25	0	55-85	45-75	35-65	25-50	20-25	NP-5
	8-24	Gravelly Clay Clay	CH CL	A-7	0	0-5	85-95	65-85	55-75	50-70	45-60	20-35
	24-30	Gravelly Clay Loam	CL GC	A-7	0	0-5	55-80	50-75	40-60	35-55	40-50	20-25
	30-54	Cemented	---	---	---	---	---	---	---	---	---	---
	54-60	Gravelly Sandy Loam Cobbly Sandy Loam	SM	A-1 A-2	0	10-25	70-90	65-85	35-65	15-35	---	NP
TN: Nevtah	0-11	Very Stony Loam	GC-GM GM SC-SM SM	A-2 A-4	5-25	10-25	60-80	50-70	40-60	30-50	15-30	NP-10
	11-25	Very Gravelly Fine Sandy Loam Very Gravelly Sandy Loam Very Gravelly Loam	GC-GM GM	A-1 A-2	0-5	0-5	45-55	25-50	20-40	10-35	15-25	NP-10
	25-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	Rock Outcrop	---	---	---	---	---	---	---	---	---	---	---
Tica	0-5	Very Stony Loam	GC GC-GM	A-2 A-4 A-6	5-15	10-25	45-65	40-60	35-55	25-45	25-35	5-15
	5-13	Very Cobbly Clay Very Gravelly Clay Loam Very Gravelly Clay	CH CL GC	A-7	0-20	10-30	55-70	50-65	40-60	35-55	45-55	25-35
	13-18	Very Cobbly Sandy Clay Loam	SC	A-2 A-6	0-5	25-60	70-100	65-100	40-60	25-40	30-35	15-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			TN:									
TR: Tica	0-5	Very Stony Loam	GC GC-GM	A-2 A-4 A-6	5-15	10-25	45-65	40-60	35-55	25-45	25-35	5-15
	5-13	Very Gravelly Clay Very Gravelly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-20	10-30	55-70	50-65	40-60	35-55	45-55	25-35
	13-18	Very Cobbly Sandy Clay Loam	SC	A-2 A-6	0-5	25-60	70-100	65-100	40-60	25-40	30-35	15-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
TTB: Timpahute	0-3	Gravelly Loam	GC SC	A-2 A-6	0-1	0-5	60-85	50-70	40-60	30-50	30-35	10-15
	3-10	Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	60-70	50-60	35-45	15-20
	10-25	Sandy Clay Clay Clay Loam	CH CL	A-7	0	0	90-100	85-100	70-80	60-70	40-55	20-30
	25-42	Indurated	---	---	---	---	---	---	---	---	---	---
	42-60	Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand	GM GP GP-GM GW-GM	A-1	0	0-5	20-50	15-35	10-25	5-15	0-14	NP
UK: Udel	0-5	Extremely Gravelly Sandy Loam	GP-GM GW-GM	A-1	0-1	0-5	20-35	10-25	10-20	5-10	20-25	NP-5
	5-9	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			UK: Rock Outcrop	---								
UMB: Umil	0-2 2-11	Gravelly Loam Gravelly Loam	GM SC SC-SM	A-4 A-2 A-4 A-6	0 0	0 0	60-70 65-90	55-65 55-80	50-60 40-60	35-50 30-50	20-25 20-30	NP-5 5-15
	11-38 38-60	Indurated Stratified Gravelly Loamy Sand To Very Gravelly Very Fine Sand	--- SM	--- A-1	--- 0	--- 0	--- 60-70	--- 55-65	--- 30-50	--- 10-20	--- 0-14	--- NP
URD: Ursine	0-2 2-8 8-16 16-20	Gravelly Loam Gravelly Loam Loam Very Gravelly Loam Very Gravelly Silt Loam Very Gravelly Sandy Loam Indurated	CL CL-ML SC SC-SM CL CL-ML SC SC-SM GC GC-GM ---	A-4 A-6 A-4 A-6 A-2 ---	0 0 0 0 ---	0-5 0-5 0-5 ---	80-90 70-95 30-60 ---	65-75 60-90 25-50 ---	60-70 55-80 15-45 ---	40-55 40-60 10-35 ---	20-35 20-35 20-30 ---	5-15 5-15 5-10 ---
URE:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			URE: Ursine	0-2	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	80-90		
	2-8	Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	70-95	60-90	55-80	40-60	20-35	5-15
	8-16	Very Gravelly Loam Very Gravelly Silt Loam Very Gravelly Sandy Loam	GC GC-GM	A-2	0	0-5	30-60	25-50	15-45	10-35	20-30	5-10
	16-20	Indurated	---	---	---	---	---	---	---	---	---	---
US: Ursine	0-2	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	80-90	65-75	60-70	40-55	20-35	5-15
	2-8	Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	70-95	60-90	55-80	40-60	20-35	5-15
	8-16	Very Gravelly Sandy Loam Very Gravelly Silt Loam Very Gravelly Loam	GC GC-GM	A-2	0	0-5	30-60	25-50	15-45	10-35	20-30	5-10
	16-20	Indurated	---	---	---	---	---	---	---	---	---	---
Badland	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
UT: Urtah	0-13 13-30 30-34	Very Stony Loam Extremely Gravelly Loam Unweathered Bedrock	GM GM ---	A-1 A-1 ---	10-30 0 ---	0-5 10-35 ---	30-40 30-40 ---	25-35 25-35 ---	20-30 20-30 ---	15-20 15-20 ---	20-25 20-25 ---	NP-5 NP-5 ---
Rock Outcrop	---											
UWD: Urwil	0-2 2-8 8-17 17-60	Stony Fine Sandy Loam Clay Loam Gravelly Clay Loam Gravelly Clay Very Gravelly Clay Very Gravelly Sandy Clay	SM CL CH CL SC SC	A-2 A-6 A-7 A-2 A-7	1-5 0 0 0-5	5-10 0 0-5 0-5	65-75 85-95 80-90 60-70	55-65 75-85 50-75 25-50	50-60 70-80 45-65 20-45	25-35 55-65 35-55 15-40	20-25 35-40 40-55 40-55	NP-5 15-20 20-30 20-30
VCC: Vicv	0-8 8-29 29-44 44-48	Stony Sandy Loam Very Gravelly Sandy Clay Extremely Gravelly Sandy Clay Very Gravelly Clay Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Sand Cemented	SC SC-SM SC GM GP-GM SM SP-SM ---	A-2 A-2 A-1 ---	1-5 0-5 0-5 ---	15-25 0-15 0-15 ---	80-95 70-80 50-65 ---	65-70 20-30 20-30 ---	50-60 15-25 10-20 ---	25-35 10-20 5-15 ---	20-25 45-55 15-20 ---	5-10 20-30 NP-5 ---
VGC:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			VGC: Vil	0-7	Gravelly Loam	GC GC-GM	A-4	0	5-15	60-70		
	7-12	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	GC SC	A-6	0	0-10	60-80	55-75	45-55	35-50	25-35	10-20
	12-17	Gravelly Loam	GC GC-GM	A-2 A-4	0	0-10	50-60	50-60	40-50	30-40	25-30	5-10
	17-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Very Gravelly Coarse Sand	GP SP	A-1	0-5	5-10	50-60	40-50	20-30	0-5	0-14	NP
WMF: Wilpar	0-5	Very Stony Sandy Loam	SM	A-1 A-2	5-25	10-15	75-95	55-75	40-60	20-35	20-30	NP-5
	5-16	Very Gravelly Clay Very Gravelly Sandy Clay	GC	A-2 A-7	0-5	0-15	45-70	30-50	25-50	20-45	40-60	15-30
	16-43	Extremely Gravelly Sandy Clay Extremely Gravelly Clay Very Gravelly Clay	GC	A-2 A-7	0-5	0-5	40-70	15-50	10-50	10-40	40-60	15-30
	43-58	Extremely Gravelly Sandy Clay Loam	GC GP-GC GW-GC	A-2	0	0-5	30-40	10-25	5-20	5-15	30-45	10-20
	58-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
WNG:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			WNG: Winu	0-2	Extremely Stony Loam	CL-ML SC SC-SM	A-4	5-50	20-50	75-85		
	2-22	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	22-38	Loam Sandy Loam	SC SC-SM	A-4	0	0	80-90	75-85	55-65	35-50	20-30	5-10
	38-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
WR: Winu	0-2	Very Stony Loam	CL-ML SC SC-SM	A-4	5-50	20-50	75-85	70-80	65-75	45-55	20-30	5-10
	2-22	Gravelly Loam Gravelly Clay Loam Gravelly Sandy Clay Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	22-38	Loam Sandy Loam	SC SC-SM	A-4	0	0	80-90	75-85	55-65	35-50	20-30	5-10
	38-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Winu	0-2	Extremely Stony Loam	CL-ML SC SC-SM	A-4	5-50	20-50	75-85	70-80	65-75	45-55	20-30	5-10
	2-22	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	22-38	Loam Sandy Loam	SC SC-SM	A-4	0	0	80-90	75-85	55-65	35-50	20-30	5-10
	38-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			WS: Winz	0-5	Very Stony Sandy Loam	GM GP-GM GW-GM GP-GM	A-1	5-25	0-20	35-45		
	5-23	Extremely Gravelly Coarse Sandy Loam	GP-GM	A-1	0-10	25-40	20-40	15-35	5-15	5-10	---	NP
	23-60	Extremely Gravelly Clay Extremely Cobbly Clay	GC GP-GC	A-2	0-15	25-55	15-25	10-20	10-20	5-15	45-55	25-30
Winz	0-5	Extremely Stony Sandy	GP-GM GW-GM	A-1	25-40	0-15	25-35	15-30	10-20	5-10	20-25	NP-5
	5-23	Extremely Gravelly Coarse Sandy Loam	GP-GM	A-1	0-10	25-40	20-40	15-35	5-15	5-10	---	NP
	23-60	Extremely Gravelly Clay Extremely Cobbly Clay	GC GP-GC	A-2	0-15	25-55	15-25	10-20	10-20	5-15	45-55	25-30
ZOF: Zoate	0-2	Cobbly Loam	CL CL-ML SC SC-SM GC	A-4 A-6	0-1	15-30	70-95	65-90	50-75	35-55	25-35	5-15
	2-13	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0-1	0-5	50-60	35-50	25-45	20-35	40-50	15-25
	13-14	Indurated	---	---	---	---	---	---	---	---	---	---
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
ZR:												

Table H. - Engineering Index Properties - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			ZR: Zoate	0-2	Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	0-1	15-30	70-95		
	2-13	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0-1	0-5	50-60	35-50	25-45	20-35	40-50	15-25
	13-14	Indurated	---	---	---	---	---	---	---	---	---	---
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Zoate	0-2	Cobbly Loam	CL CL-ML SC SC-SM	A-4 A-6	0-1	15-30	70-95	65-90	50-75	35-55	25-35	5-15
	2-13	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0-1	0-5	50-60	35-50	25-45	20-35	40-50	15-25
	13-14	Indurated	---	---	---	---	---	---	---	---	---	---
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---