

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13B: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.11	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
23C: Arispe-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.30
					Deep to water	0.25
					Cutbanks cave	0.10
23C2: Arispe-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
41: Sparta-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.45	Very limited Deep to water	1.00
41B: Sparta-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.45	Very limited Deep to water	1.00
51: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.11	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
					Deep to water	0.01
56: Cantril-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.19	Somewhat limited Slow refill	0.30
					Deep to water	0.25
					Cutbanks cave	0.10

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
56B: Cantril-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.19	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
57: Rushville-----	Not limited		Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave Slow refill	0.50 0.30
58D2: Douds-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
58E2: Douds-----	Very limited Seepage Slope	1.00 0.04	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
63: Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
63B: Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
65E2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
65E3: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.86	Very limited Deep to water	1.00
65F2: Lindley-----	Somewhat limited Slope Seepage	0.18 0.05	Somewhat limited Piping	0.88	Very limited Deep to water	1.00

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65G: Lindley-----	Somewhat limited Slope Seepage	0.64 0.05	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
75: Givin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
80B: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80C2: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80D2: Clinton-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
81B: Clinton-----	Somewhat limited Seepage	0.05	Not limited		Very limited Deep to water	1.00
81C2: Clinton-----	Somewhat limited Seepage	0.05	Not limited		Very limited Deep to water	1.00
115D: Chelsea-----	Very limited Seepage Slope	1.00 0.02	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
130: Belinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
131B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.36	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
131C2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.36	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
132B: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
132C2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
132D2: Weller-----	Somewhat limited Seepage  Slope	0.05  0.01	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95  0.25 0.10
133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
140: Sparta-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.45	Very limited Deep to water	1.00

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
152: Marshan-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Cutbanks cave	1.00
154G: Douds-----	Very limited Seepage Slope	1.00 0.45	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
162B: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
163B: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00
163C2: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
172: Wabash-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
173: Hoopeston-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.49	Very limited Cutbanks cave Deep to water	1.00 0.01
175: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.09	Very limited Deep to water	1.00
177: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179C: Gara-----	Somewhat limited Seepage	0.05	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
180: Keomah-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
180B: Keomah-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
208: Landes-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Somewhat limited Deep to water Cutbanks cave	0.96 0.10
211: Edina-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.67	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
220: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
222C: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.93	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
222C2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.93	Somewhat limited Slow refill Cutbanks cave Deep to water	0.99 0.10 0.01

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
223C: Rinda-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
223D2: Rinda-----	Somewhat limited Seepage  Slope	0.05  0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
226: Lawler-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.50 0.43	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
260: Beckwith-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.41	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
263: Okaw-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.69	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
291: Atterberry-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.03	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
315: Alluvial Land-----	Not rated		Not rated		Not rated	
354: Marsh-----	Not rated		Not rated		Not rated	

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
362: Haig-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
363: Haig-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
364: Grundy-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.95 0.66	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
364B: Grundy-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.95 0.66	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
380: Mahaska-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
424D2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.01	Somewhat limited Piping	0.33	Very limited Deep to water	1.00
Keswick-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
424D3: Lindley-----	Somewhat limited Seepage Slope	0.05 0.01	Somewhat limited Piping	0.31	Very limited Deep to water	1.00

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
425C2: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
					Cutbanks cave Deep to water	0.10 0.01
425D2: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
425D3: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
452C2: Lineville-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
					Cutbanks cave Deep to water	0.10 0.01
453: Tuskeego-----	Not limited		Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
478G: Nordness-----	Very limited Seepage	1.00	Very limited Thin layer	1.00	Very limited Deep to water	1.00
	Depth to bedrock	1.00				
	Slope	0.64				
Rock Outcrop-----	Not rated		Not rated		Not rated	

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
484: Lawson-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.88	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
485: Spillville-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
499D2: Nordness-----	Very limited Seepage Depth to bedrock Slope	1.00 1.00 0.02	Very limited Thin layer	1.00	Very limited Deep to water	1.00
499F: Nordness-----	Very limited Seepage Depth to bedrock Slope	1.00 1.00 0.24	Very limited Thin layer	1.00	Very limited Deep to water	1.00
520: Coppock-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.03	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
587: Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.09	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
594C2: Galland-----	Very limited Seepage	1.00	Not limited		Somewhat limited Deep to water Cutbanks cave	0.81 0.10
594D2: Galland-----	Very limited Seepage Slope	1.00 0.01	Not limited		Somewhat limited Deep to water Cutbanks cave	0.81 0.10

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
594D3: Galland-----	Very limited Seepage Slope	1.00 0.01	Not limited		Somewhat limited Deep to water Cutbanks cave	0.81 0.10
594E2: Galland-----	Very limited Seepage Slope	1.00 0.04	Not limited		Somewhat limited Deep to water Cutbanks cave	0.81 0.10
687: Watkins-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.52	Very limited Deep to water	1.00
688: Koszta-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.86	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.06
720: Raccoon-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
730B: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Cantril-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.03	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
763D2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
Exette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.98	Very limited Deep to water	1.00

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
792C2: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
792D2: Armstrong-----	Somewhat limited Seepage  Slope	0.05  0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95  0.10 0.01
793: Bertrand-----	Very limited Seepage	1.00	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
793B: Bertrand-----	Very limited Seepage	1.00	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
793C2: Bertrand-----	Very limited Seepage	1.00	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
795C2: Ashgrove-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.50	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
795C3: Ashgrove-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.58	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
795D2: Ashgrove-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.50	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
795D3: Ashgrove-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.58	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
820: Dockery-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00 0.86	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.06
832B: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
832C2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
880B: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
880C2: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
950: Niota-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.82	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
950B: Niota-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.82	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
950D2: Niota-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.82	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
952: Denrock Variant----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.56	Very limited Deep to water	1.00
977: Richwood-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.84	Very limited Deep to water	1.00
978: Festina-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.58	Very limited Deep to water	1.00
993D2: Armstrong-----	Somewhat limited Seepage  Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
Gara-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
1057: Rushville-----	Not limited		Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave Slow refill	0.50 0.30
1130: Belinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

Water Management

Lee County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1131B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.36	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
1180: Keomah-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
1180B: Keomah-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
1181: Keomah-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
1220: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
1260: Beckwith-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.41	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1316: Alluvial Land-----	Not rated		Not rated		Not rated	
Qu.: Quarries-----	Not rated		Not rated		Not rated	