

APPENDIX A

Bighorn National Forest

Forest Wide Roads Analysis

1. Tabular display of all maintenance level 3, 4, and 5 roads. (Roads are color coded for their descriptive rankings for Risk and Value (Low or High—see legend))
2. Graphical chart showing the breakdown of the road risk value plot.
3. Forest Wide Watershed Risk Table

ID	NAME	BEGIN_TERMINI	END_TERMINI	SEG_LENGTH	OBJECTIVE_MAINT_LEVEL
11	SHEEP MTN	FDR 14	STATE LINE	6.5	3 - SUITABLE FOR PASSENGER CARS 4 - MODERATE DEGREE OF USER COMFORT
14	DEVILS CANYON	US 14A	TRAILHEAD	10.05	4 - MODERATE DEGREE OF USER COMFORT
15	BURGESS	US 14	US 14A	5.93	4 - MODERATE DEGREE OF USER COMFORT
15	BURGESS	US 14	US 14A	0.2	4 - MODERATE DEGREE OF USER COMFORT
15	BURGESS	US 14	US 14A	19.93	4 - MODERATE DEGREE OF USER COMFORT
16	BLACK MOUNTAIN	US 14	FDR 26	3.75	3 - SUITABLE FOR PASSENGER CARS 4 - MODERATE DEGREE OF USER COMFORT
16	BLACK MOUNTAIN	US 14	FDR 26	0.4	4 - MODERATE DEGREE OF USER COMFORT
16	BLACK MOUNTAIN	US 14	FDR 26	0.1	4 - MODERATE DEGREE OF USER COMFORT
16	BLACK MOUNTAIN	US 14	FDR 26	5.89	4 - MODERATE DEGREE OF USER COMFORT
168	FOOL CREEK BASIN	FDR 15	DEAD END	9.12	3 - SUITABLE FOR PASSENGER CARS
17	PAINTROCK	US 14	PAINTROCK LAKES	2.8	3 - SUITABLE FOR PASSENGER CARS
17	PAINTROCK	US 14	PAINTROCK LAKES	3.1	3 - SUITABLE FOR PASSENGER CARS 4 - MODERATE DEGREE OF USER COMFORT
17	PAINTROCK	US 14	PAINTROCK LAKES	3.6	4 - MODERATE DEGREE OF USER COMFORT
17	PAINTROCK	US 14	PAINTROCK LAKES	16	4 - MODERATE DEGREE OF USER COMFORT
18	OLD HIGHWAY 16	US 16	US HWY 16	6.56	3 - SUITABLE FOR PASSENGER CARS 4 - MODERATE DEGREE OF USER COMFORT
18	OLD HIGHWAY 16	US 16	US HWY 16	1.3	4 - MODERATE DEGREE OF USER COMFORT
19	HUNTER CREEK	US 16	PARAD. RESORT	2.6	3 - SUITABLE FOR PASSENGER CARS
19	HUNTER CREEK	US 16	PARAD. RESORT	0.3	3 - SUITABLE FOR PASSENGER CARS
19	HUNTER CREEK	US 16	PARAD. RESORT	0.7	3 - SUITABLE FOR PASSENGER CARS
24	BATTLE PARK	FDR 27	DEAD END	15.14	3 - SUITABLE FOR PASSENGER CARS
26	BIG GOOSE	FOR BDY	US HWY 14	7.4	3 - SUITABLE FOR PASSENGER CARS 4 - MODERATE DEGREE OF USER COMFORT
26	BIG GOOSE	FOR BDY	US HWY 14	3.85	4 - MODERATE DEGREE OF USER COMFORT
26	BIG GOOSE	FOR BDY	US HWY 14	20.45	4 - MODERATE DEGREE OF USER COMFORT
27	WEST TENSLEEP	US 16	END	7.46	4 - MODERATE DEGREE OF USER COMFORT

28	SHEEP MOUNTAIN LOOKOUT	US 16	LOOKOUT	5.65	3 - SUITABLE FOR PASSENGER CARS
3	HAZELTON	US 16	MP 19.40	5.6	3 - SUITABLE FOR PASSENGER CARS
3	HAZELTON	US 16	MP 19.40	3.3	4 - MODERATE DEGREE OF USER COMFORT
3	HAZELTON	US 16	MP 19.40	5.5	4 - MODERATE DEGREE OF USER COMFORT
3	HAZELTON	US 16	MP 19.40	3.9	4 - MODERATE DEGREE OF USER COMFORT
3	HAZELTON	US 16	MP 19.40	1.1	5 - HIGH DEGREE OF USER COMFORT
31	POLE CREEK	US 16	US 16	10.97	3 - SUITABLE FOR PASSENGER CARS
338	ALKALI	FDR 17	FOR BDY	0.44	3 - SUITABLE FOR PASSENGER CARS
391	SCHOOLHOUSE PARK	US 16	WILDERNESS BDY	0.45	3 - SUITABLE FOR PASSENGER CARS
514	LOWER DOYLE	CNTY RD #3	FOREST BDY	0.2	3 - SUITABLE FOR PASSENGER CARS
10	HUNT MOUNTAIN	US 14A	HWY 14	2.2	3 - SUITABLE FOR PASSENGER CARS
10	HUNT MOUNTAIN	US 14A	HWY 14	2.6	4 - MODERATE DEGREE OF USER COMFORT
13	MED WHEEL RANGER STA.	US 14A	FDR 14	2.61	3 - SUITABLE FOR PASSENGER CARS
148	CARIBOU MESA	US 16	DEAD END	3.48	3 - SUITABLE FOR PASSENGER CARS
189	PRUNE CREEK C.G.	US 14	C.G.	0.27	3 - SUITABLE FOR PASSENGER CARS
192	PINE ISLAND P.G.	US 14	P.G.	0.04	3 - SUITABLE FOR PASSENGER CARS
229	CABIN CREEK C.G.	FDR 254	C.G.	0.1	3 - SUITABLE FOR PASSENGER CARS
237	OWEN CREEK C.G.	FDR 236	C.G.	0.19	3 - SUITABLE FOR PASSENGER CARS
250	GRANITE CREEK P.G.	US 14	P.G.	0.03	3 - SUITABLE FOR PASSENGER CARS
251	CABIN CR TRAILER PARK C.G.	FDR 17	TRAILER PARK	0.67	3 - SUITABLE FOR PASSENGER CARS
258	SHELL CREEK C.G.	FDR 17	C.G.	0.54	3 - SUITABLE FOR PASSENGER CARS
293	COFFEEN PARK	FDR 26	TRAIL #592	3.8	3 - SUITABLE FOR PASSENGER CARS
293	COFFEEN PARK	FDR 26	TRAIL #592	0.5	3 - SUITABLE FOR PASSENGER CARS
295	EAST FORK C.G.	FDR 26	C.G.	0.94	3 - SUITABLE FOR PASSENGER CARS
364	WEST TENSLEEP LAKE T.H.	FDR 27	T.H.	0.68	4 - MODERATE DEGREE OF USER COMFORT
373	MIDDLE FORK	US 16	MIDDLE FORK C.G.	1.47	3 - SUITABLE FOR PASSENGER CARS
377	SOUTH FORK C.G.	US 16	C.G.	0.37	3 - SUITABLE FOR PASSENGER CARS
384	CIRCLE PARK T.H.	FDR 20	TRAILHEAD	0.5	3 - SUITABLE FOR PASSENGER CARS
409	BOULDER PARK TRLR PARK	FDR 27	TRLR PARK	0.2	3 - SUITABLE FOR PASSENGER CARS
409	BOULDER PARK TRLR PARK	FDR 27	TRLR PARK	0.8	3 - SUITABLE FOR PASSENGER CARS
422	UPPER DUMP	US 16	US 16	2.57	3 - SUITABLE FOR PASSENGER CARS
424	LAKE VIEW C.G.	US 16	C.G.	0.7	3 - SUITABLE FOR PASSENGER CARS
441	ISLAND PARK C.G.	FDR 27	C.G.	0.16	3 - SUITABLE FOR PASSENGER CARS
470	CRAZY WOMAN C.G.	US 16	CRAZY WOMAN C.G.	0.53	3 - SUITABLE FOR PASSENGER CARS
110	BOYD RIDGE	FDR 11	COWCAMP	0.2	3 - SUITABLE FOR PASSENGER CARS
110	BOYD RIDGE	FDR 11	COWCAMP	3	3 - SUITABLE FOR PASSENGER CARS
111	MARBLE QUARRY	FDR 11	STATE LINE	0.3	3 - SUITABLE FOR PASSENGER CARS
111	MARBLE QUARRY	FDR 11	STATE LINE	0.56	3 - SUITABLE FOR PASSENGER CARS
111	MARBLE QUARRY	FDR 11	STATE LINE	0.2	3 - SUITABLE FOR PASSENGER CARS
111	MARBLE QUARRY	FDR 11	STATE LINE	4.2	3 - SUITABLE FOR PASSENGER CARS
12	MEDICINE MTN-LITTLE MTN	US 14A	FOR BDY	0.05	3 - SUITABLE FOR PASSENGER CARS
12	MEDICINE MTN-LITTLE MTN	US 14A	FOR BDY	2.85	3 - SUITABLE FOR PASSENGER CARS
12	MEDICINE MTN-LITTLE MTN	US 14A	FOR BDY	1.4	3 - SUITABLE FOR PASSENGER CARS
125	LITTLE HORN	FDR 14	COW CAMP	1.12	3 - SUITABLE FOR PASSENGER CARS
125	LITTLE HORN	FDR 14	COW CAMP	0.15	3 - SUITABLE FOR PASSENGER CARS

125	LITTLE HORN	FDR 14	COW CAMP	1.88	3 - SUITABLE FOR PASSENGER CARS
125	LITTLE HORN	FDR 14	COW CAMP	0.25	3 - SUITABLE FOR PASSENGER CARS
133	DUNCUM CREEK	FDR 14	FDR 13	1.5	3 - SUITABLE FOR PASSENGER CARS
177	GHASTLY GULCH	FDR 15	DEAD END	2.44	3 - SUITABLE FOR PASSENGER CARS
21	TIE HACK	US 16	RESERVOIR	1.7	3 - SUITABLE FOR PASSENGER CARS
22	OLD HIGHWAY - ELGIN	US 16	US 16	3.54	3 - SUITABLE FOR PASSENGER CARS
23	SOURDOUGH CREEK	US 16	DEAD END	4.3	3 - SUITABLE FOR PASSENGER CARS
236	OWEN CREEK	US 14	4H CAMP	0.2	3 - SUITABLE FOR PASSENGER CARS
25	CANYON CREEK	US 16	DEAD END	2.24	3 - SUITABLE FOR PASSENGER CARS
272	RANGER CREEK	FDR 17	C.G.	0.15	3 - SUITABLE FOR PASSENGER CARS
29	N. FORK POWDER RIVER	US 16	MP 4.6	4.6	3 - SUITABLE FOR PASSENGER CARS
33	CRAZY WOMAN CANYON	US 16	FOR BDY	4.9	3 - SUITABLE FOR PASSENGER CARS
344	COLD SPRINGS	COUNTY RD	FDR 326	10.8	3 - SUITABLE FOR PASSENGER CARS
394	SOLDIER PARK	FDR 19	FDT 24	0.21	3 - SUITABLE FOR PASSENGER CARS
429	HIGH PARK	US 16	FDT 70	1.4	3 - SUITABLE FOR PASSENGER CARS
432	SITTING BULL C.G.	US 16	C.G.	0.95	3 - SUITABLE FOR PASSENGER CARS
117	RADAR SITE	FDR 12	RADAR SITE	0.8	3 - SUITABLE FOR PASSENGER CARS
130	BALD MOUNTAIN C.G.	U.S. 14A	C.G.	0.45	3 - SUITABLE FOR PASSENGER CARS
136	PORCUPINE C.G.	FDR 13	CAMP GROUND	0.4	3 - SUITABLE FOR PASSENGER CARS
145	DAYTON TAYLOR	FDR 15	DEAD END	4.14	3 - SUITABLE FOR PASSENGER CARS
153	HIGHWAY CAMP	FDR 15	HIGHWAY CAMP	0.29	4 - MODERATE DEGREE OF USER COMFORT
154	BURGESS SEWAGE LAGOON	US 14	BROWN LAKE	0.53	4 - MODERATE DEGREE OF USER COMFORT
158	NORTH TONGUE C.G.	FDR 15	C.G.	0.46	3 - SUITABLE FOR PASSENGER CARS
162	BURGESS P.G.	FDR 15	P.G.	0.6	3 - SUITABLE FOR PASSENGER CARS
163	BURGESS RANGER STATION	FDR 15	STATION	0.8	3 - SUITABLE FOR PASSENGER CARS
171	NORTH TONGUE FISHING 1	US 14A	DEAD END	0.2	3 - SUITABLE FOR PASSENGER CARS
174	N. TONGUE FISHING 2	US 14A	DEAD END	0.2	3 - SUITABLE FOR PASSENGER CARS
175	N. TONGUE FISHING 3	US 14A	DEAD END	0.1	3 - SUITABLE FOR PASSENGER CARS
183	BUCKING MULE FALLS T.H.	FDR 14	FDR 14	0.18	3 - SUITABLE FOR PASSENGER CARS
188	SIBLEY LAKE	US 14	DEAD END	0.56	3 - SUITABLE FOR PASSENGER CARS
190	SIBLEY LAKE (OLD LOOP) C.G.	FDR 188	DEAD END	0.12	3 - SUITABLE FOR PASSENGER CARS
191	SIBLEY LAKE DAM P.G.	FDR 188	PARKING LOT	0.18	3 - SUITABLE FOR PASSENGER CARS
20	CIRCLE PARK C.G.	US 16	CIRCLE PARK C.G.	2.4	3 - SUITABLE FOR PASSENGER CARS
234	TIE FLUME C.G.	FDR 16	C.G.	0.45	3 - SUITABLE FOR PASSENGER CARS
234A	TIE FLUME CAMPGROUND SPUR A	FDR 234	C,G. SPUR	0.22	3 - SUITABLE FOR PASSENGER CARS
235	DEAD SWEDE C.G.	FDR 26	C.G.	0.72	3 - SUITABLE FOR PASSENGER CARS
242	POST CREEK P.G.	US 14	P.G.	0.18	3 - SUITABLE FOR PASSENGER CARS
244	GRANITE	US 14	TRAIL 421	0.3	3 - SUITABLE FOR PASSENGER CARS
244	GRANITE	US 14	TRAIL 421	0.81	3 - SUITABLE FOR PASSENGER CARS
257	SHELL RANGER STA LOOP	FDR 17	FDR 17	0.3	3 - SUITABLE FOR PASSENGER CARS
285	TWIN LAKES P.G.	FDR 26	TWIN LAKES	0.33	3 - SUITABLE FOR PASSENGER CARS
294	RANGER CREEK (TONGUE) C.G.	FDR 26	C.G.	0.31	3 - SUITABLE FOR PASSENGER CARS
296	BIG GOOSE R.S.	FDR 26	DEAD END	0.2	3 - SUITABLE FOR PASSENGER CARS
322	PAINTROCK LODGE	FDR 17	LODGE	0.05	3 - SUITABLE FOR PASSENGER CARS
323	UPPER PAINTRK LAKE C.G.	FDR 17	C.G.	0.15	3 - SUITABLE FOR PASSENGER CARS
324	LOWER PAINTROCK LAKE C.G.	FDR 17	LWR PTRK LAKE	0.4	3 - SUITABLE FOR PASSENGER CARS

325	PAINTROCK STATION	FDR 17	GUARD STATION	0.22	3 - SUITABLE FOR PASSENGER CARS
326	MEDICINE LODGE C.G.	FDR 17	CAMPGROUND	0.3	3 - SUITABLE FOR PASSENGER CARS
374	HETTINGER P.G.	US 16	P.G.	0.42	3 - SUITABLE FOR PASSENGER CARS
423	NORTH COVE BOAT RAMP	US 16	BOAT RAMP	0.3	3 - SUITABLE FOR PASSENGER CARS
426	MEADOWLARK	US 16	SKI AREA	0.3	3 - SUITABLE FOR PASSENGER CARS
426	MEADOWLARK	US 16	SKI AREA	0.6	3 - SUITABLE FOR PASSENGER CARS
427	MEADOWLARK LAKE	FDR 426	PARKING LOT	0.5	3 - SUITABLE FOR PASSENGER CARS
428	BULL CREEK C.G.	FDR 426	C.G.	0.2	3 - SUITABLE FOR PASSENGER CARS
437	LAKE POINT P.G.	US 16	P.G.	0.9	3 - SUITABLE FOR PASSENGER CARS
442	TYRELL RANGER STATION	FDR 27	R.S.	0.4	3 - SUITABLE FOR PASSENGER CARS
443	DEER PARK C.G.	FDR 27	C.G.	0.13	3 - SUITABLE FOR PASSENGER CARS
453	LEIGH CREEK DUMP STA.	US 16	DUMP STATION	0.77	3 - SUITABLE FOR PASSENGER CARS
466	BILLY CREEK	CNTY RD #3	FOR BDY	3.24	3 - SUITABLE FOR PASSENGER CARS
483	LOST CABIN C.G.	US 16	LOOP	0.77	3 - SUITABLE FOR PASSENGER CARS
487	LOAF MOUNTAIN LOOKOUT	US 16	LOOP	0.21	5 - HIGH DEGREE OF USER COMFORT
500	TENSLEEP C.G.	FDR 18	C.G.	0.17	3 - SUITABLE FOR PASSENGER CARS
503	WILLOW PARK P.G.	US 16	P.G.	0.39	3 - SUITABLE FOR PASSENGER CARS
504	LEIGH CREEK C.G.	FDR 18	C.G.	0.14	3 - SUITABLE FOR PASSENGER CARS
515	LOWER DOYLE C.G.	FDR 514	C.G.	0.29	3 - SUITABLE FOR PASSENGER CARS
522	WEST TENSLEEP LAKE C.G.	FDR 27	C.G.	0.33	3 - SUITABLE FOR PASSENGER CARS
528	EDELMAN T.H.	FDR 17	DEAD END	0.07	3 - SUITABLE FOR PASSENGER CARS
529	SIBLEY LAKE (NEW LOOP) C.G.	FDR 188	DEAD END	0.4	3 - SUITABLE FOR PASSENGER CARS
530	GARDEN OF GODS C.G.	US 14A	DEAD END	1.2	3 - SUITABLE FOR PASSENGER CARS
531	ADELAIDE T.H.	FDR 17	DEAD END	0.25	3 - SUITABLE FOR PASSENGER CARS
621	TIE HACK C.G.	FDR 21	CAMPGROUND	0.63	3 - SUITABLE FOR PASSENGER CARS
970	ARROWHEAD LODGE	US14	RESORT FACILITIES	0.3	3 - SUITABLE FOR PASSENGER CARS
971	BEAR LODGE RESORT	HWY 14A	RESORT FACILITIES	0.5	3 - SUITABLE FOR PASSENGER CARS
975	PINES RESORT	HWY 16	RESORT FACILITIES	0.3	3 - SUITABLE FOR PASSENGER CARS
976	SOUTH FORK RESORT	HWY 16	RESORT FACILITIES	0.3	3 - SUITABLE FOR PASSENGER CARS
977	MEADOWLARK LODGE	US 16	LAKE RESORT	0.3	3 - SUITABLE FOR PASSENGER CARS
978	DEER HAVEN LODGE	HWY 16	RESORT FACILITIES	0.3	3 - SUITABLE FOR PASSENGER CARS

LEGEND:

ID NAME BEGIN_TERMINI END_TERMINI SEG_LENGTH OBJECTIVE_MAINT_LEVEL = Risk rating: High, Value Rating: High

ID NAME BEGIN_TERMINI END_TERMINI SEG_LENGTH OBJECTIVE_MAINT_LEVEL = Risk rating: High, Value Rating: Low

ID NAME BEGIN_TERMINI END_TERMINI SEG_LENGTH OBJECTIVE_MAINT_LEVEL = Risk rating: Low, Value Rating: High

ID NAME BEGIN_TERMINI END_TERMINI SEG_LENGTH OBJECTIVE_MAINT_LEVEL = Risk rating: Low, Value Rating: Low

The following chart shows the risk and value rankings as plotted on an X-Y axis. The process for ranking each road was described in detail in the document, Chapter 5. There are only limited numbers of markers showing the data points, and the reason is that there are multiple data points plotted on top of one another, thus only a few show up on the graph.

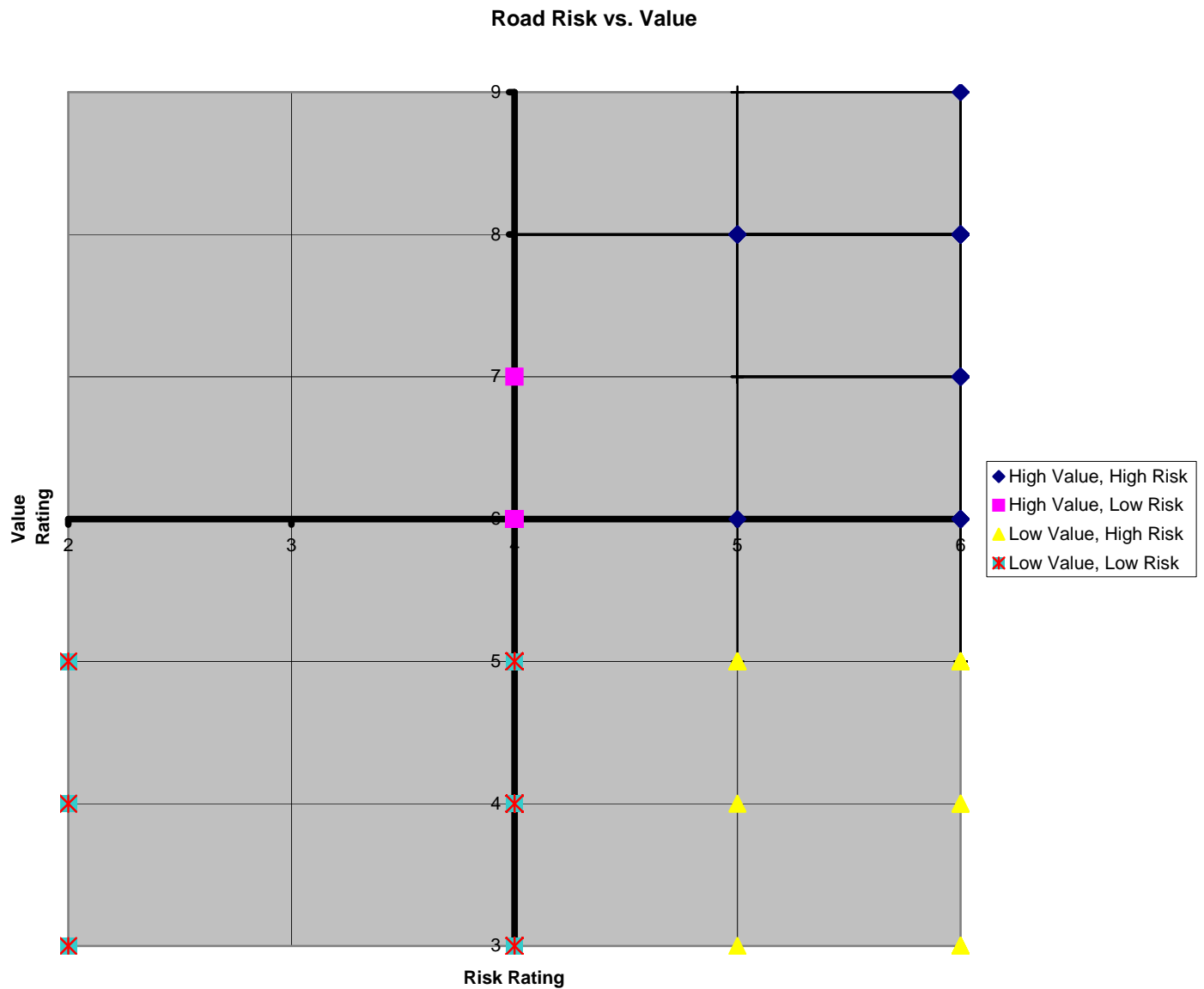


Table 1. Forest wide watershed risk

Geographic Area	% of area with severely erodible soils	# of 6th level HUC with v. high or extreme road stream crossing densities	# of 6th level HUC with a high, very high or extreme density of roads within 200 feet of stream courses	# of 6th level HUC with a high, very high or extreme road densities
Little Bighorn	13%	3	1	0
Tongue River	9%	2	1	1
Devil's Canyon	13%	2	0	1
Shell Creek	2%	4	0	1
Goose Creek	4%	0	0	0
Piney/Rock	1%	0	0	0
Paintrock	3%	3	0	3
Clear-Crazy	> 1%	6	0	5
Tensleep	5%	4	3	3