A Level III Cultural Resources Evaluation of Powertech (USA) Incorporated's Proposed Dewey-Burdock Uranium Project Locality within the Southern Black Hills, Custer and Fall River Counties, South Dakota

Black Hills Archaeological Region

SHPO R&C No.:

Volume V:
Appendices

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Appendix A

Archeological Site Forms

All of Appendix A (181 pages) Withheld from Public Disclosure as SUNSI in Accordance with 10 C.F.R. § 2.390

Appendix B

Historic Structure Survey Forms

All of Appendix B (19 pages) Withheld from Public Disclosure as SUNSI in Accordance with 10 C.F.R. § 2.390

Appendix C

National Archaeological Database (NADB) Form

All of Appendix C (7 pages) Withheld from Public Disclosure as SUNSI in Accordance with 10 C.F.R. § 2.390

Appendix D

Topographic Site Location Maps

All of Appendix D (5 pages) Withheld from Public Disclosure as SUNSI in Accordance with 10 C.F.R. § 2.390

Appendix E

Artifact Catalog and Lithic Tool Measurement Data

ARCHEOLOGY LABORATORY, AUGUSTANA COLLEGE
SPECIMEN CATALOG SHEET

PROJECT: POWERTECH 2007

SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39CU0251	35-260-1	1	Projectile point; mid-section; Spearfish chert; (5RP 4/2 grayish red purple)	Surface	0	No date	Unknown Form
39CU0251	35-260-2	1	Retouched flake; clear quartz	Surface	0	No date	
39CU0251	35-260-3	1	Projectile point; nearly complete; Plate Chalcedony (N9 white)	Surface	0	No date	Pelican Lake (Late Archaic-Plains Woodland)
39CU0251	35-260-4	1	Projectile point; base Spearfish Chert (10 R 4/2 grayish red)	Surface	0	6/30/07	Unknown Form
39CU0251	35-260-5	1	Projectile point ; base; Unknown Chert (5YR 6/4 light brown)	Surface	0	No date	Unknown Form
39CU0251	35-260-6	1	Projectile point; nearly complete; Unknown Chert (5YR 6/4 light brown)	Surface	0	6/30/07	Oxbow (Middle Archaic)
39CU0251	35-260-7	1	Projectile point base; Quartzite (N7 light gray)	Surface	0	No date	Unknown Form
39CU0271	28-66-1	1	Endscraper; complete; unknown chert similar to Alibates; 10R 6/2; pale red	Surface	0	6-1-07	Graver tip on working end
39CU0271	29-173-1	1	Projectile point: complete; corner-notched; Badlands chert; 10YR 5/4; moderate yellowish brown	Surface; near hearth	0	7/15/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU0271	29-173-2	1	Retouched flake; complete; quartzite; 5RP 4/2; grayish red purple	Surface	0	7/15/07	
39CU0271	29-173-3	1	Retouched flake; complete; quartzite; N5; medium gray	Surface	0	7/15/07	
39CU0459	33-186/195-1	1	Rectangular biface; complete; quartzite; 5YR 4/4; moderate brown	Surface	0	7/27/07	
39CU0459	33-186/195-2	1	Ovoid core; complete; Badlands dendritic chert; 10YR 5/4; moderate yellowish brown	Surface	0	7/27/07	
39CU0459	33-186/195-3	1	Pointed biface; complete; Spearfish chert; 5RP 6/2; pale red purple	Surface	0	7/27/07	
39CU0530	28-213-1	1	Ovate Biface; broken ; quartzite; N8; very light gray	Surface	0	7/31/07	
39CU0531	32-264-1	1	Projectile point: complete; quartzite;10YR 4/4; moderate brown	Surface	0	7/31/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU0532	33-223-1	1	Endscraper; complete; quartzite; 5YR 5/6; light brown	Surface	0	8/3/07	
39CU0557	29-210-1	1	Projectile point; broken; lanceolate; Minnekahta chert ?; 5YR 4/4 moderate brown	Surface	0	7/29/07	McKean Lanceolate (Middle Archaic)

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39CU0557	29-210-2	1	Pointed biface tip; quartzite w/ inclusions; N8; very light gray	Surface	0	7/29/07	
39CU0557	29-210-3	1	Biface edge; quartzite; 5P2/2; very dusky purple	Surface	0	7/29/07	
39CU0557	29-210-4	1	Ovoid biface tip; quartzite; 10YR6/2; pale yellowish brown	Surface	0	7/29/07	
39CU0557	29-210-5	1	Ovoid biface base; quartzite; N8; very light gray	Surface	0	7/29/07	
39CU0557	29-212-7	1	Ovoid biface base; unknown chert; 5RP4/2; grayish red purple	Surface	0	7/30/07	
39CU0559	32-289-1	1	Projectile point; base and part of blade; Spearfish chert; 5R 4/2; grayish red	Surface	0	7/30/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3565	28-216-1	1	End/Side scraper; complete; Hartville Uplift; 5YR 3/4; moderate brown	Surface	.0	8/1/07	
39CU3566	29-163-1	1	Medicine bottle; clear; rectangular; neck with external threads	Surface	0	7/13/07	Early to mid 20th century
39CU3566	29-163-2	1	Medicine bottle; clear; rectangular; neck with external threads	Surface	0	7/13/07	Early to mid 20th century
39CU3566	29-163-3	1	Medicine bottle; clear; rectangular; neck with external threads	Surface	0	7/13/07	Early to mid 20th century
39CU3566	29-163-4	1	Medicine bottle; brown; circular; neck with stove pipe finish	Surface	0	7/13/07	Early to mid 20th century
39CU3567	29-165-1	1	Projectile point: nearly complete; corner-notched; Badlands chert; 10YR 6/6; dark yellowish orange	Surface	0	7/13/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3572	29-212-1	1	Projectile point; base only; Minnelusa or Spearfish chert; 5RP 6/2 pale red purple	Surface	0	7/30/07	Unknown form
39CU3572	29-212-2	1	Projectile point: tip and part of base broken; corner-notched; quartzite; N8; very light gray	Surface	0	7/30/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3572	29-212-3	1	Projectile point: broken; lanceolate; quartzite N5; medium gray	Surface	0	7/30/07	Angostura? (Paleoindian)
39CU3572	29-212-4	1	Endscraper; complete; Paha Sapa Chert; 5R ¾; dusky red	Surface	0	7/30/07	
39CU3572	29-212-5	1	Pointed biface tip; quartzite; 10YR /4; moderate yellowish brown	Surface	0	7/30/07	
39CU3572	29-212-6	1	Ovoid biface base; smooth gray TRSS; N7; light gray	Surface	0	7/30/07	
39CU3574	29-252-1	1	Projectile point; broken; corner-notched; Spearfish or Minnelusa chert 5R 6/2; pale red	Surface	0	7/28/07	Besant or Pelican Lake (Late Archaic – Plains Woodland)

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39CU3574	29-252-2	1	Projectile point; nearly complete; stemmed; quartzite; 5R 2/6; very dark red	Surface	0	7/28/07	Archaic?
39CU3574	29-252-3	1	Endscraper; complete; Paha Sapa chert (?); 10YR 8/2	Surface	0	7/28/07	Heavily patinated
39CU3575	29-253-1	1	Endscraper; work element broken; unknown chert; 10R4/6; moderate reddish brown	Surface	0	7/28/07	
39CU3576	30-161-1	1	Projectile point; midsection; Knife River flint; 5YR 3/2; grayish brown	Surface	0	7/13/07	Unknown form
39CU3583	29-259-1	1	Broach or clasp; complete; tin	Surface	0	No date	
39CU3584	30-162-1	1	Projectile point: complete; basal notch; quartzite; 10YR 5/4; moderate yellowish brown	Surface	0	7/13/07	Oxbow (Middle Archaic)
39CU3584	30-258-1	1	Ovoid biface base; quartzite; 5P 4/2; grayish purple	Surface; south part of site	0	n/a	
39CU3585	31-187-1	1	Projectile point; base; stemmed; chert; 5YR 4/1; brownish gray	Surface	0	7/25/07	Unknown form (Paleoindian or Archaic)
39CU3585	31-187-2	1	Ovoid Biface; complete; quartzite w/ inclusions; grayish pink; 5R8/2	Surface	0	7/25/07	
39CU3585	31-187-3	1	Pointed biface, mid-section; quartzite; N8; very light gray	Surface	0	7/25/07	
39CU3585	31-187-4	1	Euroamerican ceramic sherd	Surface	0	7/25/07	Whiteware w/brown maker's mark
39CU3585	31-187-5	1	Euroamerican ceramic sherd	Surface	0	7/25/07	Whiteware w/green maker's mark
39CU3585	31-187-6	2	Native American bodysherd; smooth	Surface	0	7/25/07	Grit-tempered
39CU3593	32-288-1	1	Projectile point; complete; Spearfish chert ;5R3/4; dusky red	Surface	0	7/30/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3594	32-289-2	1	Retouched flake; quartzite; 10YR 7/4; grayish orange	Surface	0	8/3/07	
39CU3597	32-3-1	1	Projectile point; base; quartzite; 10R 6/2; pale red	Surface	0	7/30/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3597	32-3-2	1	"ultra thin" biface; base; Minnelusa chert (?); N9; white	Surface	0	4/20/07	
39CU3597	32-3-3	1	Endscraper; haft broken; unknown chert (Alibates?); 5YR6/1; light brownish gray	Surface	0	4/20/07	
39CU3597	32-3-4	1	Endscraper; complete; gray chalcedony; N7; light gray	Surface	0	4/20/07	
39CU3597	32-3-5	1	Pointed biface; complete; course quartzite; 10R5/4; pale reddish brown	Surface	0	4/20/07	

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39CU3597	32-3-6	1	Ovoid biface; complete; unknown chert; 10YR5/4; moderate yellowish brown	Surface	0	4/20/07	
39CU3597	32-3-7	1	Biface mid-section; chalcedony; 5yr4/4; moderate brown	Surface	0	4/20/07	Patinated
39CU3599	32-262-2	1	Euroamerican ceramic sherd	Surface	0	No date	Whiteware w/green maker's mark
39CU3599	32-262-3	1	Euroamerican ceramic sherd	Surface	0	No date	Pink porcelain w/perforation
39CU3599	32-262-4	1	Crock sherd	Surface	0	No date	Red Wing, MN
39CU3599	32-262-5	1	Crock sherd	Surface	0	No date	Monmouth Pottery (IL)
39CU3599	32-262-6	1	Bottle base	Surface	0	No date	Lavender
39CU3600	33-191-1	1	Spokeshave; quartzite; 5R3/4; dusky red	Surface	0	7/27/07	
39CU3606	33-206-1	1	Projectile point; complete; Tongue River Silicified Sediment (N 5 medium gray)	Surface	0	7/28/07	Late Prehistoric
39CU3606	33-206-2	1	Projectile point; complete; Quartzite (5R 4/2 gray/red)	Surface	0	7/28/07	Late Prehistoric
39CU3606	33-206-3	1	Projectile point; blade segment; Badlands Dendritic Chert (10YR 6/6 dark yellowish orange)	Surface	0	7/28/07	Unknown Form
39CU3606	33-206-4	1	Projectile point; blade segment; Quartzite (5 R 8/2 grayish pink)	Surface	0	7/28/07	Unknown Form
39CU3606	33-206-5	1	Biface; mid-section; porcellanite; N9; white	Surface	0	7/28/07	
39CU3606	33-206-6	1	Ovoid biface; complete; chalcedony; N7; light gray	Surface	0	7/28/07	
39CU3606	33-206-7	1	Endscraper; notched, rectangular; White River group; N6; medium light gray	Surface	0	7/28/07	
39CU3606	33-206-8	1	Retouched flake; cobble chert; 10R 3/4; dark reddish brown	Surface	0	7/28/07	
39CU3606	33-206-9	1	Retouched flake; obsidian; N1; black	Surface	0	7/28/07	
39CU3608	33-216b-1	1	Endscraper; complete; Hartsville Uplift chert; 5YR 5/6; light brown	Surface	0	8/1/2007	
39CU3612	32-263-1	1	Biface base; w/ spokeshave	Surface	0	No date	
39CU3615	34-148-1	1	Rolled metal cone	Surface	0	7/11/07	Trade good
39CU3617	34-158-1	1	Projectile point; part of blade and haft; Unknown Chert (5YR 6/4 light brown)	Surface	0	7/12/07	Oxbow (Middle Archaic)
39CU3619	34-189-1	1	Page from late 1940s-early 1950s Rapid City paper	Surface	0	7/26/07	
39CU3619	34-189-2	1	1979 Powder R. Livestock Handling Equipment Calendar	Surface	0	7/26/07	Addressed to Albert Richardson, Burdock, SD 57735
39CU3619	34-189-3	1	1963 check for $506 drawn on??? Richardson account at "Southern Hills Bank", Edgemont, SD	Surface	0	7/26/07	Memo: "In. Tax"

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39CU3619	34-189-4	1	1938 South Dakota license plate (no 17-1158)	Surface	0	7/26/07	
39CU3619	34-189-5	1	1928 South Dakota license plate (no. 17-1165)	Surface	0	7/26/07	
39CU3619	34-189-6	1	1940s (?) ceramic filter for a "Vaculator" coffee maker	Surface	0	7/26/07	
39CU3619	34-189-7	1	Tin lid for teapot?	Surface	0	7/26/07	
39CU3619	34-189-8	1	Circular metal object with swing plate and screw threads	Surface	0	7/26/07	Electrical or switch plate
39CU3619	34-189-9	1	Round clear bottle w/crown closure	Surface	0	7/26/07	
39CU3619	34-189-10	1	Round amber bottle w/crown closure	Surface	0	7/26/07	
39CU3619	34-189-11	1	Round honey –brown bottle w/ crown closure	Surface	0	7/26/07	
39CU3621	35-155-1	1	Projectile point tip; Minnelusa Chert (N 8; very light gray)	Surface	0	7/12/07	Unknown Form
39CU3621	35-155-2	1	Biface base; unknown chert; 10YR8/2; very pale orange	Surface	0	7/12/07	
39CU3623	35-219-1	1	Projectile point base; Chert (Paha Sapa or Spearfish) (5R 3/4 dusky red)	Surface Area B	0	8/2/07	Pelican Lake (Late Archaic-Plains Woodland)
39CU3623	35-219-2	1	Projectile point; complete; Spearfish Chert (5R 3/4 dusky red)	Surface Area B	0	8/2/07	Duncan-Hanna or Besant (Middle – Late Archaic/Woodland)
39CU3623	35-219-3	1	Biface base; Spearfish chert; 5RP 4/2; grayish red purple	Surface Area A	0	8/2/07	
39CU3623	35-219-4	1	Pointed biface; complete; Spearfish chert; 5RP 4/2; grayish red purple	Surface Area B	0	8/2/07	
39CU3624	35-222-1	1	Projectile point base; Spearfish Chert (5R 3/4 dusky red)	Surface Area A	0	8/3/07	Duncan-Hanna or Besant (Middle – Late Archaic/Woodland)
39CU3624	35-222-2	1	Endscraper; complete; unknown chert (Minnelusa?); N7; light gray	Surface Area C	0	8/3/07	
39CU3780	35-229-1	1	Projectile point; blade; Quartzite (10R 4/6 moderate reddish brown)	Surface	0	8/2/07	Unknown Form
39CU3782	35-282-1	1	Pointed biface; complete; quartzite; N7; light gray)	Surface	0	8/3/07	
39FA0096	10-2-1	1	Clear liquor bottle base	Surface	0	4-19-07	"KERR GLASS MFG CO, SAND SPRINGS OKLA, AUG 31 1915
39FA0096	10-2-2	1	Clear bottle glass base (salt/pepper shaker?)	Surface	0	4-19-07	
39FA0096	10-2-3	1	Endscraper; complete; 5P4/2; grayish purple	Surface	0	4-19-07	
39FA0096	10-2-4	1	Biface base; chalcedony; 10YR 8/2; very pale orange	Surface	0	4-19-07	Heavily patinated
39FA0096	10-19-1	1	Retouched flake; quartz; clear	Surface	0	5-20-07	

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA0096	10-38-1	1	Endscraper; complete; unknown chert 5 R 8/2; grayish pink	Surface	0	5-17-07	
39FA0096	10-39-1	1	Projectile point; base; obsidian; black; N 0	Surface	0	5-17-07	Late prehistoric; heavily patinated
39FA0096	10-39-2	1	Projectile point; tip missing; quartzite; N8; very light gray	Surface	0	5-30-07	Duncan-Hanna (Middle Archaic)
39FA0096	10-39-3	1	Projectile point tip; Tongue River Silicified Sediment; N6; medium light gray	Surface	0	5-17-07	Unknown form
39FA0096	10-39-4	1	Projectile point; complete; unknown chert; 5 R 2/6; very dark red	Surface	0	5-17-07	Paleoindian or Archaic
39FA0096	10-39-5	1	Projectile point; base; unknown chert; 10 YR 6/2; pale yellowish brown	Surface	0	5-19-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA0096	10-39-6	1	Projectile point; tip missing; Hartville Uplift chert; 5 YR 5/6; light brown	Surface	0	5-17-07	Late prehistoric
39FA0096	10-39-7	1	Projectile point; unfinished; unknown chert; 5 R 2/6; very dark red	Surface	0	6-5-07	Duncan-Hanna (Middle Archaic)
39FA0096	10-39-8	1	Endscraper; perform (?); chalcedony; N6; medium light gray	Surface	0	5-17-07	
39FA0096	10-39-9	1	Endscraper; complete; purple chert; 10 YR 8/2; very pale orange	Surface	0	5-17-07	
39FA0096	10-39-10	1	Pointed biface; complete; Knife River flint; 5 R 4/2; grayish red	Surface	0	5-17-07	
39FA0096	10-39-11	1	Pointed biface; complete; unknown chert; 5R 8/2; grayish pink	Surface	0	5-17-07	
39FA0096	10-39-12	1	Pointed biface; complete; quartzite; 5 YR 4/4; moderate brown	Surface	0	5-19-07	
39FA0096	10-39-13	1	Ovoid biface; complete; quartzite; 5 R 4/2; grayish red	Surface	0	5-19-07	
39FA0096	10-39-14	1	Ovoid biface; complete; quartzite; N 7; light gray	Surface	0	5-17-07	
39FA0096	10-39-15	1	Pointed biface tip; quartzite; 5 YR 5/2; pale brown	Surface	0	5-17-07	
39FA0096	10-39-16	1	Pointed biface tip; quartzite; 5 R 4/2; grayish red	Surface	0	5-18-07	
39FA0096	10-39-17	1	Biface base; quartzite; 5R 8/2; grayish pink	Surface	0	5-18-07	
39FA0096	10-39-18	1	Biface base; cobble chert; 5 R 4/6; moderate red	Surface	0	5-19-07	
39FA0096	10-39-19	1	Biface base; quartzite; 5 YR 3/4; moderate brown	Surface	0	5-17-07	
39FA0096	10-39-20	1	Biface base; quartzite; 10 YR 4/2; dark yellowish brown	Surface	0	5-19-07	

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA0096	10-39-21	1	Biface base; Tongue River silicified sediment; 10 YR 7/4; grayish orange	Surface	0	5-19-07	
39FA0096	10-39-22	1	Biface base; Tongue River silicified sediment; 5 YR 4/1; brownish gray	Surface	0	5-19-07	
39FA0096	10-39-23	1	Biface base; chalcedony; N6; medium light gray	Surface	0	5-19-07	
39FA0096	10-39-24	1	Pointed biface; tip missing; quartzite; 5 YR 4/4; moderate brown	Surface	0	5-19-07	
39FA0096	10-39-25	1	Celt; perform; diorite; 5 GY 3; grayish olive green	Surface	0	5-19-07	
39FA0096	10-39-26	1	Mano; complete; quartzite; 10 YR 7/4; grayish orange	Surface	0	5-19-07	
39FA0096	10-46-1	1	Endscraper; hafted?' Spearfish formation chert; 10R 5/4; pale reddish brown	Surface; top of hill	0	5-19-07	
39FA0096	10-46-2	1	Endscraper; hafted; complete; unknown chert; 5 YR ¾; moderate brown	Surface; top of hill	0	5-19-07	
39FA0096	10-46-3	1	Endscraper; hafted; complete; unknown chert; 10YR 6/2; pale yellowish brown	Surface; top of hill	0	5-19-07	
39FA0096	10-46-4	1	Endscraper: complete; unknown chert; 10 YR 5/2; pale brown	Surface; top of hill	0	5-19-07	
39FA0096	10-47-1	1	Cobble core; quartz; N 7; light gray	Surface	0	5-22-07	
39FA0096	10-47-2	1	Biface; pointed; complete; White River group silicate ("flattop"); 5 YR 6/1; light brownish gray	Surface	0	5-20-07	
39FA0096	10-49-1	1	Projectile point; tip and base missing; quartzite; 5 YR 6/1; light brownish gray	Surface	0	5-20-07	Angostura? (Paleoindian)
39FA0096	10-50-1	1	Drill; tip and base missing; chalcedony; N 8; very light gray	Surface	0	5-21-07	
39FA0096	10-50-2	1	Biface; pointed tip; quartzite; 5 YR 6/1; light brownish gray	Surface	0	5-22-07	
39FA0096	10-55-1	1	Projectile point; complete; Minnelusa formation chert; 5 RP 8/2; pale pink	Surface; wooded hill	0	5-22-07	Besant? (Late Archaic-Plains Woodland)
39FA0096	10-55-2	1	Endscraper; complete; obsidian; N 1; black	Surface	0	5-22-07	
39FA0096	10-55-3	1	Endscraper; complete; unknown chert; 5 R 4/6; moderate red	Surface	0	5-22-07	
39FA0096	10-55-4	1	Pointed biface; complete; Spearfish chert; 5 R 4/2: grayish red	Surface	0	5-22-07	
39FA0096	10-55-5	1	Biface; mid-section; quartzite; 5 YR 5/2; pale brown	Surface	0	5-22-07	
39FA0096	10-55-6	1	Flake; obsidian; N 1; black	Surface	0	5-22-07	

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA0096	10-55-7	1	Bottle glass; brown	Surface	0	5-22-07	
39FA0096	10-58-1	1	Projectile point; complete; Badlands dendritic chert; 10YR 7/4; grayish orange	Surface	0	5-23-07	Unknown form (perform?)
39FA0251	12-88-1	1	Pointed biface; complete; fine-grained sandstone; 5YR ¾; moderate brown	Surface	0	6/6/07	
39FA0269	12-133-2	1	Tertiary flake; dark greenish gray (5G 4/1)	Surface	0	6-30-07	
39FA0273	2-113-1	1	Projectile point; base; quartzite; 5R 2/2; blackish red	Surface	0	6/19/07	Angostura? (Paleoindian)
39FA0584	3-80-1	1	Marble; complete; yellow and white	Surface	0	6/3/07	
39FA0584	3-80-2	1	Marble; about 2/3rds complete; gray	Surface	0	6/3/07	
39FA0584	3-80-3	1	Spoon; complete; silver plated	Surface	0	6/3/07	"ROGERS BROS"
39FA0584	3-80-4	1	Dr. Pepper bottle; complete; 6 ½ ozs.	Surface	0	6/3/07	
39FA0584	3-80-5	1	Small bottle; complete; long-thin neck w/0-10 graduated marks	Surface; Root Cellar (Feat 7)	0	6/3/07	
39FA0740	3-72-1	1	Projectile point base; un-notched; quartzite; 5P 6/2; pale purple	Surface	0	6/3/07	Unknown form
39FA0740	3-72-2	1	Projectile point; base; quartzite ;N5; medium gray	Surface	0	6/3/07	Unknown form
39FA0740	3-72-3	1	Endscraper; complete; quartzite; N7; light gray	Surface	0	6/3/07	
39FA0740	3-72-4	1	Endscraper; fragment; TRSS; 5YR 4/1; brownish gray	Surface	0	6/3/07	
39FA1865	4-99-1	1	Pointed Biface; complete; unknown chert; 5RP6/2; pale red purple	Surface	0	6/15/07	
39FA1869	1-145-1	1	Projectile point; unnotched; complete; quartzite; N5; medium gray	Surface	0	7/2/07	Early Archaic
39FA1880	2-122-1	1	Projectile point; partial blade and haft; 5R 6/2; pale red	Surface	0	6/27/07	Pelican Lake? (Late Archaic-Plains Woodland)
39FA1880	2-122-2	1	End/side scraper; complete; unknown chert; 10YR 5/4; moderate yellowish brown	Surface	0	6/27/07	
39FA1882	9-97-1	8	8 fragments of one china bowl	Surface	0	No date	"McNicol China, Clarksburg, W Va."
39FA1882	9-97-2	1	Base of china bowl w/ purple, green, and gray floral print	Surface	0	No date	"Haviland France"
39FA1882	9-97-3	1	Marble; complete; off-white	Surface	0	No date	
39FA1882	9-97-4	1	Clear ink bottle; complete; w/ pen rest	Surface	0	No date	"PAT D 1759866"
39FA1882	9-97-5	1	Front end of toy truck; lead	Surface	0	No date	
39FA1882	9-97-6	1	1942 South Dakota license plate (no 24-1541)	Surface	0	No date	
39FA1882	9-97-7	1	1935 South Dakota license plate (no 24-2348)	Surface	0	No date	

ARCHEOLOGY LABORATORY, AUGUSTANA COLLEGE
SPECIMEN CATALOG SHEET

PROJECT: POWERTECH 2007

SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA1882	9-97-8	1	Iron; pointed tip	Surface	0	No date	
39FA1882	9-97-9	1	Tin can; complete w/ lid	Surface	0	No date	
39FA1882	9-97-10	1	Clear ink bottle; complete	Surface	0	No date	"SANFORDS"
39FA1882	9-97-11	1	Small clear glass bottle; complete	Surface	0	No date	
39FA1882	9-97-12	1	Small clear glass bottle; complete	Surface	0	No date	
39FA1882	9-97-13	1	Small green glass bottle; complete	Surface	0	No date	"ST JOSEPH ASPIRIN"
39FA1882	9-97-14	1	Clear glass bottle (glue ?); with tin lid/applicator	Surface	0	No date	"KWIKSTICKPATENT"
39FA1882	9-97-15	1	Small clear glass bottle; complete; w/ metal lid	Surface	0	No date	"W"
39FA1882	9-97-16	1	Lavender liquor bottle base	Surface	0	No date	"FACTORY No 421 1ST DIST., MICH."
39FA1882	9-97-17	1	Brown beverage bottle base	Surface	0	No date	"GB2130 *Duraglas*"
39FA1882	9-97-18	1	Brown liquor bottle base	Surface	0	No date	"MADE IN US. SEAGRAM & SON CANADA ONE PINT"
39FA1882	9-97-19	1	Brown liquor bottle base	Surface	0	No date	"*Duraglas*"
39FA1885	10-36-1	1	Projectile point tip; Hartville Uplift chert; 10 R 2/2; very dusky red	Surface	0	5-16-07	Unknown form
39FA1885	10-36-2	1	Projectile point base; quartzite; 5 YR 8/1; pinkish gray	Surface	0	5-16-07	Paleoindian or Archaic
39FA1885	10-36-3	1	Biface base; quartzite; 5 YR4/4; moderate brown	Surface	0	5-16-07	
39FA1885	10-36-4	1	Flake; tertiary; quartzite; 10 YR 6/2; pale yellowish brown	Shovel Test 1	0-10cm	5-16-07	
39FA1887	3-82-1	1	Drill; base; White River Group Silicate; 5RP 4/2; grayish red purple	Surface	0	6/5/07	
39FA1893	10-65-1	1	Projectile point; tip missing; TRSS; N 8; very light gray	Surface	0	6-1-07	Mt Albion (Early Archaic)
39FA1894	10-64-1	1	Retouched flake; sandstone; 10 YR 8/2; very pale orange	Surface	0	6-1-07	
39FA1895	10-45-1	1	Projectile point; tip missing; quartzite; 5 YR 4/4; moderate brown	Surface	0	5-18-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1895	10-45-2	1	Projectile point; tip missing; TRSS; 5 Y 6/1; light olive gray	Surface	0	5-18-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1895	10-45-3	1	Projectile point; tip missing; plate chalcedony (5 PB 7/2; pale blue)	Surface	0	5-18-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1895	10-45-4	1	Projectile point; tip and edge missing; TRSS; light brown; 5 YR 6/4	Surface	0	5-18-07	Oxbow (Middle Archaic)

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PROJECT: POWERTECH 2007

SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA1895	10-45-5	1	Pointed biface tip; chalcedony; N6; medium light gray	Surface	0	5-18-07	
39FA1895	10-45-6	1	Biface base; unknown chert; 5 YR 6/1; light brownish gray	Surface	0	5-18-07	
39FA1895	10-45-7	1	Biface base; quartzite; 5 YR 5/6; light brown	Surface	0	5-18-07	
39FA1895	10-45-8	1	Biface base; quartzite; N8; very light gray	Surface	0	5-18-07	
39FA1895	10-45-9	1	Endscraper; complete; Hartville uplift chert; 5 YR 5/6; light brown	Surface	0	5-18-07	
39FA1895	10-45-10	1	Side scraper; complete; quartz; N 9; white	Surface	0	5-18-07	
39FA1895	10-45-11	1	Endscraper; hafted; complete; Spearfish chert; 5 R 3/4; dusky red	Surface	0	5-18-07	
39FA1895	10-45-12	1	Endscraper; complete; chalcedony; 10 YR 4/2; dark yellowish brown	Surface	0	5-18-07	
39FA1895	10-45-13	1	Endscraper; fragment; chalcedony; N7; light gray	Surface	0	5-18-07	
39FA1896	3-71-1	1	Projectile point; tip missing; Porcellanite;N6; medium light gray	Surface	0	6/2/07	Laddie Creek (Early Archaic); heavily patinated
39FA1896	10-59-1	1	Projectile point; base; Unknown chert; N9; white	Surface	0	6-2-07	McKean (Middle Archaic)
39FA1896	10-59-2	1	Projectile point; complete; TRSS; N 6; medium light gray	Surface	0	6-2-07	McKean (Middle Archaic)
39FA1896	10-59-3	1	Projectile point; mid-section; Chalcedony; 5 YR 6/1; light brownish gray	Surface	0	6-2-07	Paleoindian
39FA1896	10-59-4	1	Projectile pt. complete; Spearfish chert; 5R ¾; dusky red	Surface	0	6-2-07	Besant (Late Archaic/Woodland)
39FA1896	10-59-5	1	Projectile point; base; Badlands dendritic chert; 10YR 6/6; dark yellowish orange	Surface	0	6-2-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1896	10-59-6	1	Projectile point; base; TRSS; 5 Y 6/1; light olive gray	Surface	0	6-2-07	Angostura (Paleoindian)
39FA1896	10-59-7	1	Projectile point; mid-section; TRSS; 5 Y 6/1; light olive gray	Surface	0	6-2-07	Paleoindian
39FA1896	10-59-8	1	Endscraper; complete; unknown chert; 5 YR 6/4; light brown	Surface	0	6-2-07	
39FA1896	10-59-9	1	Retouched flake; TRSS pebble; 10 YR 7/4; grayish orange	Surface	0	6-2-07	
39FA1896	10-59-10	1	Biface; pointed tip; quartzite; N5; medium gray	Surface	0	6-2-07	
39FA1896	11-60-1	1	Round small glass bottle; complete; clear	Surface	0	no date	
39FA1896	11-60-2	1	Possible tea/coffee pot lid with handle	Surface	0	no date	

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PROJECT: POWERTECH 2007

SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA1897	3-70-1	1	Projectile point; haft and part of blade; silicified wood; N8; very light gray	Surface	0	6/2/07	Besant? (Late Archaic-Plains Woodland)
39FA1898	3-1-1	1	Pointed biface; complete; quartzite; 10 YR 5/4; moderate yellowish brown	Surface	0	4/18/07	
39FA1898	3-1-2	1	Biface edge; chalcedony; 5 YR 3/2; grayish brown	Surface	0	4/18/07	
39FA1901	3-73-1	1	Brick; complete	Surface	0	No date	"Franklin Crown"
39FA1901	3-73-2	1	Brick; about ½	Surface	0	No date	
39FA1901	3-73-3	1	Brick; about ½; single hole; some adhering cement	Surface	0	No date	
39FA1901	3-73-4	1	Brick; about ½; groove on one face and ridge on the other; slag adhering	Surface	0	No date	
39FA1902	2-110-1	1	Shell button; complete; four-hole	Surface	0	6/19/07	
39FA1902	2-110-2	1	Iron strip w/ brass or copper latch	Surface	0	6/19/07	
39FA1902	2-110-3	2	2 cosmetic jar lids; both complete	Surface	0	6/19/07	"PAT APRIL 10 1900"
39FA1902	2-110-4	2	Plain white china flatware sherds	Surface	0	6/19/07	Post 1900
39FA1902	2-110-5	1	White china flatware sherd w/ pink floral design	Surface	0	6/19/07	Post 1900
39FA1902	2-110-6	1	White china flatware sherd w/ brown floral design	Surface	0	6/19/07	Post 1900
39FA1902	2-110-7	4	Whiteware flatware; blue flow transfer print	Surface	0	6/19/07	c. 1844-1860
39FA1902	2-110-8	1	Bottle rim; lavender; applied double collar lip	Surface	0	6/19/07	c. 1840-1870
39FA1902	2-110-9	1	Bottle rim; lavender; toiletry bottle?	Surface	0	6/19/07	
39FA1902	2-110-10	1	Bottle, base, lavender	Surface	0	6/19/07	"Carter's Made in U.S.A.; No 5"
39FA1902	2-110-11	8	Misc. lavender bottle glass fragments	Surface	0	6/19/07	
39FA1917	12-11-1	1	Projectile point; base; chalcedony; 5 YR 5/2; pale brown	Surface	0	5-2-07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1922	4-107-1	1	Pointed biface tip; quartzite; 5RP 4/2; grayish purple	Surface (shale exposure)	0	6/17/07	Stained from shale exposure
39FA1924	12-130-1	1	Projectile point; tip missing; unknown chert N 9; white	Surface	0	6-30-07	Early or Middle Archaic
39FA1924	12-130-2	1	Endscraper; complete; unknown chert; 5 R ¾; dusky red	Surface	0	6-30-07	
39FA1924	12- 130-3	1	Pointed biface tip; quartzite; 5 R 4/2; grayish red	Surface	0	6-30-07	
39FA1924	12-130-4	1	Biface edge; quartzite; 5 YR 4/1; brownish gray	Surface	0	6-30-07	
39FA1924	13-256-1	1	Endscraper; complete; unknown chert; 10YR 7/4; grayish orange	Surface	0	7-29-07	
39FA1924	35-256-1	1	Biface; mid-section; rose quartz; 5RP 6/2; pale red purple	Surface	0	No date	

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SITE NO.	FIELD NO.	# OF ITEMS	DESCRIPTION	LOCATION	DEPTH	DATE	COMMENTS
39FA1933	14-24-1	1	Projectile point; tip missing; chalcedony; N 8; very light gray	Surface	0	5/18/07	Pelican Lake (Late Archaic-Plains Woodland)
39FA1937	15-90-1	1	Projectile point blade tip; unknown chert; 10YR 6/2; pale yellowish brown	Surface	0	6/13/07	Unknown form
39FA1941	1-85-1	1	Mano; sandstone; 5YR 6/1; light brownish gray	Surface	0	6/6/07	
39FA1941	12-11-2	1	Biface base; quartzite; 10 R 6/2; pale red	Surface	0	5-2-07	
39FA1941	12-11-3	1	Biface base; quartzite; 5 Y 6/1; light olive gray	Surface	0	5-2-07	
39FA1942	9-95-1	1	Ovate Biface; complete; quartzite; dusky red 5R ¾	Surface	0	6/25/07	
39FA1944	11-8-1	1	Biface, mid-section; quartzite; 5 YR 5/6	Surface	0	5-2-07	
39FA1944	11-8-2	1	Endscraper; complete; cobble; 5 YR 6/4	Surface	0	5-2-07	
39FA2069	12-133-1	1	Pointed biface tip; TRSS; N 6; medium light gray	Surface	0	6-30-07	

Cataloged by Rob Bozell Date November 15. 2007-January 22, 2008 Counties Custer and Fall River

Lithic Scraper Data

Site No.	Catalog No.	A	B	C	D	E	F	G	Type	Raw Material
39CU0271	28-66-1	60.3	6.6	53.7	34.4	45.0	15.6	65	endscraper	unknown chert (Alibates ?); 10R 6/2; pale red
39CU0532	33-223-1	29.8	5.05	24.75	18.8	25.6	7.5	65	endscraper	quartzite; 5YR 5/6; light brown
39CU3565	28-216-1	54.6	4.4	50.2	19.6	35.7	18.65	85	end and side scraper	Hartville uplift chert ; 5YR 3/4; moderate brown
39CU3572	29-212-4	31.3	4.0	27.3	12.9	17.6	7.5	75	endscraper	Paha Sapa chert; 5R 3/4; dusky red
39CU3574	29-252-3	35.2	6.4	28.8	24.0	24.0	8.7	65	endscraper	Minnelusa chert (?); 10YR 8/2
39CU3575	29-253-1	22.9	0.2	22.9	14.7	17.9	5.3	90	endscraper	unknown chert; 10R4/6; moderate reddish brown
39CU3597	32-3-3	(49.6)	8.2	n/a	19.5	27.0	10.8	85	enscraper	unknown chert (Alibtes?); 5YR6/1; light brownish gray
39CU3597	32-3-4	37.1	9.5	27.6	27.1	31.1	11.8	75	endscraper	gray chalcedony; N7; light gray
39CU3606	33-206-7	46.5	11.1	35.4	27.05	36.6	15.9	65	endscraper	White River group; N6; medium light gray
39CU3608	33-216b-1	32.3	5.6	26.7	20.4	24.0	10.2	75	endscraper	Hartsville Uplift chert; 5YR 5/6 light brown
39CU3624	35-222-2	38.6	4.6	34.0	28.4	33.0	12.5	75	endscraper	unknown chert (Minnelusa?); N7; light gray
39FA0096	10-2-3	32.85	2.9	29.95	18.9	26.05	6.35	65	endscraper	unknown chert; 5P4/2; grayish purple
39FA0096	10-38-1	32.2	4.2	28.0	17.2	20.9	10.0	70	endscraper	unknown chert; 5 R 8/2; grayish pink
39FA0096	10-39-8	49.2	3.8	45.4	n/a	(17.6)	11.2	70	preform ?	chalcedony; N6; medium light gray
39FA0096	10-39-9	29.7	8.4	21.3	20.5	25.9	7.2	50	endscraper	pebble chert; 10 YR 8/2; very pale orange
39FA0096	10-46-1	19.41	5.31	14.1	14.1	21.9	8.5	90	endscraper	Spearfish formation chert; 10R 5/4; pale reddish brown
39FA0096	10-46-2	47.3	4.1	43.1	25.5	30.5	14.1	80	hafted endscraper	unknown chert; 5 YR ¾; moderate brown
39FA0096	10-46-3	46.4	2.2	44.2	36.8	41.5	10.5	90	hafted endscraper	unknown chert; 10YR 6/2; pale yellowish brown
39FA0096	10-46-4	37.5	1.3	36.2	18.1	19.9	9.6	90	endscraper	unknown chert; 10 YR 5/2; pale brown
39FA0096	10-55-2	55.5	4.2	51.3	29.3	41.3	15.5	75	endscraper	obsidian; N 1; black
39FA0096	10-55-3	46.8	7.0	39.8	29.1	33.7	10.6	65	endscraper	unknown chert; 5 R 4/6; moderate red
39FA0740	3-72-3	36.0	4.5	31.5	25.5	32.9	10.15	80	endscraper	quartzite; N7; light gray
39FA0740	3-72-4	(28.05)	4.3	n/a	n/a	n/a	7.6	80	endscraper	TRSS; 5YR 4/1; brownish gray
39FA1880	2-122-2	61.45	10.9	50.55	32.3	45.9	22.05	75	end and side scraper	unknown chert; 10YR 5/4; moderate yellowish brown
39FA1895	10-45-9	25.2	1.6	23.6	16.3	17.2	3.8	80	endscraper	Hartville uplift chert; 5 YR 5/6; light brown
39FA1895	10-45-10	41.4	3.7	20.6	30.0	27.3	12.2	70	side scraper	quartz; N 9; white
39FA1895	10-45-11	24.85	4.8	20.05	24.6	24.6	8.9	65	hafted endscraper	Spearfish chert; 5 R 3/4; dusky red
39FA1895	10-45-12	33.2	5.1	28.1	18.4	22.1	10.5	75	endscraper	chalcedony; 10 YR 4/2; dark yellowish brown
39FA1895	10-45-13	(16.05)	3.3	n/a	16.4	19.1	5.2	75	endscraper	chalcedony; N7; light gray
39FA1896	10-59-8	31.2	4.3	26.9	18.7	21.1	7.3	75	endscraper	unknown chert; 5 YR 6/4; light brown
39FA1924	12-130-2	32.9	4.35	28.55	33.6	37.2	11.6	70	endscraper	unknown chert; 5 R ¾; dusky red
39FA1924	13-256-1	55.5	12.8	42.7	49.4	49.4	24.2	80	endscraper	unknown chert; 10YR 7/4; grayish orange
39FA1944	11-8-2	37.2	3.25	33.95	17.75	23.4	9.2	70	endscraper	cobble; 5 YR 6/4; light brown

Lithic Biface Data

Site No.	Catalog No.	Length	Width	Thickess	Type	Raw Material
39CU0251	35-260-2	31.0	24.1	9.4	retouched flake	quartz; clear
39CU0271	29-173-2	85	37.4	16.6	retouched flake	quarzite; 5RP 4/2; grayish red purple
39CU0271	29-173-3	38.7	26.0	9.2	retouched flake	quarzite; N5; medium gray
39CU0459	33-186/195-1	66.9	29.5	7.95	rectangular biface	quartzite; 5YR 4/4; moderate brown
39CU0459	33-186/195-2	51.4	46.3	27.8	ovoid core	Badlands dendritic chert; 10YR 5/4; moderate yellowish brown
39CU0459	33-186/195-3	38.9	26.3	7.7	pointed biface	Spearfish chert; 5RP 6/2; pale red purple
39CU0530	28-213-1	(41.7)	35.5	10.0	ovoid biface	quarzite; N8; very light gray
39CU0557	29-210-2	(37.5)	22.4	4.7	pointed biface tip	quartzite w/ inclusions; N8; very light gray
39CU0557	29-210-3	(30.2)	(17.5)	13.1	biface edge	quartzite; 5P2/2; very dusky purple
39CU0557	29-210-4	(38.7)	(51.3)	15.1	ovoid biface tip	quartzite; 10YR6/2; pale yellowish brown
39CU0557	29-210-5	(38.3)	38.2	8.6	ovoid biface base	quartzite; N8; very light gray
39CU0557	29-212-7	(39.5)	27.5	9.7	ovoid biface base	unknown chert; 5RP4/2; grayish red purple
39CU3572	29-212-5	(20.9)	17.6	6.0	pointed biface tip	quartzite; 10YR5/4; moderate yellowish brown
39CU3572	29-212-6	(37.6)	29.6	9.2	ovoid biface base	smooth gray TRSS; N7; light gray
39CU3584	30-258-1	(31.6)	32.1	7.0	ovoid biface base	quartzite; 5P 4/2; grayish purple
39CU3585	31-187-2	87.1	56.1	25.0	complete ovoid biface	quartzite w/ inclusions; grayish pink; 5R8/2
39CU3585	31-187-3	(20.7)	17.6	7.5	pointed biface mid-section	quartzite; N8; very light gray
39CU3594	32-289-2	(115.8)	45.5	23.4	retouched flake	quarzite; 10YR 7/4; grayish orange
39CU3597	32-3-2	(27.0)	34.1	3.8	ultra thin biface	Minnelusa chert (?); N9; white
39CU3597	32-3-5	80.15	38	17.9	pointed biface	course quartzite; 10R5/4; pale reddish brown
39CU3597	32-3-6	42.0	37.7	13.4	complete ovoid biface	unknown chert; 10YR5/4; moderate yellowish brown
39CU3597	32-3-7	(23.0)	32.4	10.8	biface mid-section	chalcedony; 5YR 4/4; moderate brown
39CU3600	33-191-1	59.95	41.7	20.6	spokeshave	quartzite; 5R3/4; dusky red
39CU3606	33-206-5	(39.0)	30.75	10.8	biface mid-section	porcellanite; N9; white
39CU3606	33-206-6	55.9	30.4	13.6	complete ovoid biface	chalcedony; N7; light gray
39CU3606	33-206-8	45.05	16.5	11.5	retouched flake	cobble chert; 10R 3/4; dark reddish brown
39CU3606	33-206-9	31.1	23.4	7.4	retouched flake	obsidian; N1; black
39CU3612	32-263-1	(38.6)	44.6	8.0	biface base (w/spokeshave)	plate chalceony; N7; light gray
39CU3621	35-155-2	(45.6)	43.0	9.6	biface base	unknown chert; 10YR8/2; very pale orange
39CU3623	35-219-3	(22.55)	20.9	5.4	biface base	Spearfish chert; 5RP 4/2; grayish red purple
39CU3623	35-219-4	44.5	27	6.75	pointed biface	Spearfish chert; 5RP 4/2; grayish red purple
39CU3782	35-282-1	78.4	41.0	12.2	pointed biface	quartzite; N7; light gray
39FA0096	10-2-4	(20.6)	21.9	5.5	biface base	chalcedony; 10YR 8/2; very pale orange
39FA0096	10-19-1	(21.8)	16.2	5.3	retouched flake	quartz; clear
39FA0096	10-39-10	33.5	25.95	6.9	pointed biface	Knife River flint; 5 R 4/2; grayish red
39FA0096	10-39-11	38.6	31.9	7.85	pointed biface	unknown chert; 5R 8/2; grayish pink
39FA0096	10-39-12	50.7	27.6	9.3	pointed biface	quartzite; 5 YR 4/4; moderate brown
39FA0096	10-39-13	37.65	33.7	7.1	ovoid biface	quartzite; 5 R 4/2; grayish red
39FA0096	10-39-14	48.0	25.5	9.05	ovoid biface	quartzite; N 7; light gray
39FA0096	10-39-15	(36.8)	22.5	6.85	pointed biface tip	quartzite; 5 YR 5/2; pale brown
39FA0096	10-39-16	(37.0)	37.9	10.7	pointed biface tip	quartzite; 5 R 4/2; grayish red
39FA0096	10-39-17	(44.5)	30.7	13.4	biface base	quartzite; 5R 8/2; grayish pink
39FA0096	10-39-18	(21.45)	30.6	7.5	biface base	cobble chert; 5 R 4/6; moderate red
39FA0096	10-39-19	(47.8)	28.9	6.9	biface base	quartzite; 5 YR 3/4; moderate brown
39FA0096	10-39-20	(27.2)	41.0	5.7	biface base	quartzite; 10 YR 4/2; dark yellowish brown
39FA0096	10-39-21	(33.2)	29.1	9.6	biface base	Tongue River silicified sediment: 10 YR 7/4; grayish orange
39FA0096	10-39-22	(28.9)	39.6	10.5	biface base	Tongue River silicified sediment; 5 YR 4/1; brownish gray
39FA0096	10-39-23	(25.8)	30.1	7.55	biface base	chalcedony; N6; medium light gray
39FA0096	10-39-24	(54.2)	36.25	8.2	pointed biface	quartzite; 5 YR 4/4; moderate brown
39FA0096	10-47-2	68.4	20.5	8.8	pointed biface	White River group silicate; 5 YR 6/1; light brownish gray
39FA0096	10-50-2	(60.65)	47.2	10.2	pointed biface tip	quartzite; 5 YR 6/1; light brownish gray
39FA0096	10-55-4	32.4	20.6	9.1	pointed biface	Spearfish chert; 5 R 4/2; grayish red
39FA0096	10-55-5	(34.5)	40.0	7.3	biface mid-section	quartzite; 5 YR 5/2; pale brown
39FA0251	12-88-1	155.2	75.8	37.05	pointed biface	quartzite; 5YR ¾; moderate brown
39FA0269	12-133-1	(34.5)	27.75	9.7	pointed biface tip	TRSS; N 6; medium light gray
39FA1865	4-99-1	43.5	28.5	9.6	pointed biface	unknown chert; 5RP6/2; pale red purple
39FA1885	10-36-3	(30.7)	30.4	7.8	biface base	quartzite; 5 YR 4/4; moderate brown
39FA1894	10-64-1	33.8	22.05	6.6	retouched flake	sandstone; 10 YR 8/2; very pale orange
39FA1895	10-45-5	(34.0)	30.7	6.1	pointed biface tip	chalcedony; N6; medium light gray
39FA1895	10-45-6	(31.3)	34.3	7.4	biface base	unknown chert; 5 YR 6/1; light brownish gray
39FA1895	10-45-7	(34.3)	42.9	7.7	biface base	quartzite; 5 YR 5/6; light brown
39FA1895	10-45-8	(23.7)	22.4	5.05	biface base	quartzite; N8; very light gray
39FA1896	10-59-9	24.2	16.6	6.2	retouched flake	TRSS; 10 YR 7/4; grayish orange
39FA1896	10-59-10	(28.8)	34.6	7.3	pointed biface tip	quartzite; N5; medium gray
39FA1898	3-1-1	41.7	30.8	9.8	pointed biface	quartzite; 10 YR 5/4; moderate yellowish brown
39FA1898	3-1-2	n/a	n/a	6.05	biface edge	chalcedony; 5 YR 3/2; grayish brown
39FA1922	4-107-1	(65.2)	39.1	18.8	pointed biface tip	quartzite; 5RP 4/2; grayish purple
39FA1924	12-130-3	(40.5)	35.5	7.6	pointed biface tip	quartzite; 5 R 4/2; grayish red
39FA1924	12-130-4	(60.85)	(39.6)	7.5	biface edge	quartzite; 5 YR 4/1; brownish gray
39FA1924	35-256-1	(16.95)	24.45	8.9	biface mid-section	rose quartz; 5RP 6/2; pale red purple
39FA1941	12-11-2	(51.25)	27.1	9.5	biface base	quartzite; 10 R 6/2; pale red
39FA1941	12-11-3	(45.6)	23.35	7.15	biface base	quartzite; 5 Y 6/1; light olive gray
39FA1942	9-95-1	76.95	46.5	19.6	pointed biface	quartzite; 5R 3/4; dusky red
39FA1944	11-8-1	(34.8)	34.1	7.4	biface mid-section	quartzite; 5 YR 5/6; light brown

Projectile Point Data Table 1

Site No.	Catalog No.	A	B	C	D	E	F	G	H	I	J	K
39CU0251	35-260-1	(14.1)	n/a	n/a	n/a	n/a	n/a	n/a	21.3	n/a	n/a	3.5
39CU0251	35-260-3	(39.6)	n/a	10.6	n/a	20.05	16.6	27.9	28.9	5.4	5.5	7.05
39CU0251	35-260-4	(16.3)	n/a	n/a	n/a	n/a	n/a	n/a	19.9	n/a	n/a	3.4
39CU0251	35-260-5	(24.9)	n/a	n/a	n/a	n/a	n/a	n/a	22.6	n/a	n/a	5.7
39CU0251	35-260-6	(17.8)	n/a	5.5	3.0	14.1	13.5	17.5	17.5	4.9	1.6	3.6
39CU0251	35-260-7	(13.4)	n/a	19.05	n/a	12.3	11.6	13.4	13.4	1.3	3.0	2.8
39CU0271	29-173-1	47.9	40.6	7.3	n/a	17.3	13.6	25	23	4.9	6	6.4
39CU0531	32-264-1	49.4	41.2	8.2	n/a	18.3	13.7	25.2	25.2	6.4	6.2	5.6
39CU0557	29-210-1	(23.1)	n/a	7	2	9.5	13.5	17.2	17.2	n/a	n/a	4.1
39CU0559	32-289-1	(24.5)	n/a	5.95	1.1	10.45	9.6	17.2	18.2	3.6	3.5	4
39CU3567	29-165-1	26.1	20	6.1	n/a	n/a	11	20.6	17.3	3.4	4.2	3.55
39CU3572	29-212-1	(16.5)	n/a	n/a	n/a	n/a	n/a	n/a	14.0	n/a	n/a	4.5
39CU3572	29-212-2	(34.2)	n/a	6.8	1.4	n/a	n/a	23.4	23.4	3.0	4.95	5.2
39CU3572	29-212 -3	(37.95)	n/a	4.95	0.85	9.0	12.4	16.2	19.0	n/a	n/a	6.7
39CU3574	29-252-1	(18.1)	n/a	8.4	n/a	14.6	11.2	n/a	(15.6)	5.8	4.0	4.5
39CU3574	29-25212	(34.6)	n/a	10.3	n/a	10.5	12.1	16.7	16.7	n/a	n/a	6.85
39CU3576	30-161-1	(15.1)	n/a	n/a	n/a	n/a	n/a	n/a	20.9	n/a	n/a	5.5
39CU3584	30-162-1	45.4	36.6	8.8	4.6	25.0	31.0	33.8	34.2	7.9	1.6	9.6
39CU3585	31-187-1	(20.4)	n/a	11.5	n/a	10.3	14.2	19.5	19.5	n/a	n/a	4.95
39CU3593	32-288-1	21.5	15.5	6	n/a	9.7	5.7	13.9	13.9	3.6	3.55	2.8
39CU3597	32-3-1	(16.1)	n/a	4.5	n/a	7.5	11.0	16.3	16.3	3.5	1.6	3.7
39CU3606	33-206-1	12.35	7.6	4.75	n/a	14.3	8.55	12.95	14.3	3.1	4.0	2.95
39CU3606	33-206-2	(25.3)	n/a	18.8	1.1	16.75	10.0	15.3	16.75	3.5	4.6	3.5
39CU3606	33-206-3	(29.9)	n/a	n/a	n/a	n/a	n/a	15.45	15.45	n/a	n/a	4.5
39CU3606	33-206-4	(18.0)	n/a	n/a	n/a	n/a	n/a	14.0	14.0	n/a	n/a	4.5
39CU3617	34-158-1	(19.1)	n/a	r	2.5	n/a	n/a	n/a	19.1	5.4	2.1	5.8
39CU3621	35-155-1	(23.6)	n/a	n/a	n/a	n/a	n/a	n/a	15.0	n/a	n/a	4.9
39CU3623	35-219-1	(15.05)	n/a	6.55	1.3	16.1	13.55	21.0	22.3	3.4	5.8	4.1
39CU3623	35/219-2	(36.6)	n/a	11.5	n/a	14.1	13.8	19.4	19.4	7.95	1.4	7.35
39CU3624	35-222-1	(17.6)	n/a	7.6	0.9	11.0	10.6	15.8	15.8	6.9	2.0	4.0
39CU3780	35-229-1	(22.9)	19.9	n/a	n/a	n/a	n/a	16.0	16.0	n/a	n/a	5.0
39FA0096	10-39-1	(16.9)	n/a	6.25	0.7	12.75	10.2	12.05	13.9	2.05	2.5	2.6
39FA0096	10-39-2	(41.2)	n/a	11.9	1.5	18.9	17.0	26.15	26.15	9.3	8.6	6.5
39FA0096	10-39-3	(12.1)	n/a	n/a	n/a	n/a	n/a	(10.5)	n/a	n/a	n/a	2.15
39FA0096	10-39-4	22.8	14.2	8.6	n/a	15.15	16.6	20.6	20.7	8.3	1.5	4.8
39FA0096	10-39-5	(15.15)	n/a	4.7	n/a	n/a	9.4	20.4	n/a	4.5	3.7	4.0
39FA0096	10-39-6	(26.45)	n/a	9.5	2.1	n/a	7.85	13.1	15.4	2.9	3.4	2.9
39FA0096	10-39-7	28.0	17.55	10.45	2.8	n/a	n/a	19.55	19.55	7.14	4.3	6.2
39FA0096	10-49-1	(73.3)	n/a	n/a	n/a	n/a	n/a	n/a	18.2	n/a	n/a	7.8
39FA0096	10-55-1	32.4	25.6	6.8	n/a	n/a	14.8	19.1	19.1	3.4	2.7	4.1
39FA0096	10-58-1	26.7	n/a	n/a	n/a	n/a	n/a	n/a	15.8	n/a	n/a	4.6
39FA0273	2-113-1	(21.95)	n/a	15.2	1.2	12.6	14.9	15.95	15.95	n/a	n/a	4.5
39FA0740	3-72-1	(16.70)	n/a	n/a	n/a	n/a	n/a	14.9	14.9	n/a	n/a	3.4
39FA0740	3-72-2	(29.5)	n/a	n/a	1.7	n/a	n/a	23.4	23.4	n/a	n/a	7.05
39FA1869	1-145-1	(28.0)	n/a	2.95	1.5	18.45	19.3	20.7	21.3	n/a	n/a	5.2
39FA1880	2-122-1	(25.7)	n/a	n/a	n/a	n/a	12.5	18.0	18.9	n/a	n/a	3.65
39FA1885	10-36-1	(17.2)	n/a	n/a	n/a	n/a	n/a	n/a	(14.2)	n/a	n/a	4.2
39FA1885	10/36-2	(23.7)	n/a	16.5	2.8	15.05	21.5	24.2	24.2	n/a	n/a	6.3
39FA1893	10-65-1	(39.4)	n/a	8.5	n/a	11.05	9.5	14.6	15.2	5.4	3.6	6.7
39FA1895	10-45-1	(19.7)	n/a	7.4	0.9	14.2	12.55	19.5	20.55	5.1	4.8	4.2
39FA1895	10-45-2	(25.8)	n/a	5.5	n/a	n/a	13.1	18.5	19.3	3.9	3.9	4.9
39FA1895	10-45-3	(25.2)	n/a	7.4	1.4	14.7	14.6	17.2	17.2	2.45	2.7	4.1
39FA1895	10-45-4	(24.3)	n/a	11.9	4.5	22.7	23.8	25.9	25.9	n/a	n/a	6.0
39FA1896	3-71-1	(25.6)	n/a	9.8	n/a	21.2	16.9	19.05	20.4	4.4	3.9	6.3
39FA1896	10-59-1	(17.8)	n/a	n/a	2.55	n/a	n/a	18.1	18.1	n/a	n/a	4.0
39FA1896	10-59-2	40.9	31.8	9.1	2.95	10.7	11.3	12.8	14.25	3.4	2.6	5.5
39FA1896	10-59-3	(22.9)	n/a	n/a	n/a	n/a	n/a	n/a	26.2	n/a	n/a	6.1
39FA1896	10-59-4	22.8	13.1	9.7	n/a	17.4	13.7	17.8	18.3	5.4	4.1	4.5
39FA1896	10-59-5	(25.9)	n/a	n/a	n/a	n/a	11.3	21.7	21.7	3.8	5.5	4.1
39FA1896	10-59-6	(31.0)	n/a	11.5	n/a	13.5	17.6	19.2	20.7	n/a	n/a	6.8
39FA1896	10-59-7	(30.2)	n/a	n/a	n/a	n/a	n/a	n/a	22.0	n/a	n/a	8.9
39FA1897	3-70-1	(25.5)	n/a	10.05	n/a	16.2	13.9	18.0	18.9	2.2	4.3	3.8
39FA1917	12-11-1	(27.6)	n/a	7.1	1.6	n/a	15.1	23.4	23.5	3.8	3.2	5.0
39FA1924	12-130-1	(25.0)	n/a	4.8	0.9	11.5	13.0	14.5	14.5	3.25	1.5	4.4
39FA1933	14-24-1	(22.6)	n/a	7.5	n/a	7.6	7.0	16.3	16.3	5.2	4.25	4.2
39FA1937	15-90-1	(22.4)	n/a	n/a	n/a	n/a	n/a	n/a	15.9	n/a	n/a	3.6

Projectile Point Data Table 2

Site No.	Catalog No.	Stem	Base	Notch	Blade	Raw Material
39CU0251	35-260-1	n/a	n/a	n/a	n/a	Spearfish Chert (5RP 4/2 grayish red purple)
39CU0251	35-260-3	1	2	2	2	Plate Chalcedony (N9 white)
39CU0251	35-260-4	0	3	0	1	Spearfish Chert (10 R 4/2 grayish red)
39CU0251	35-260-5	0	3	0	2	Unknown Chert (5YR 6/4 light brown)
39CU0251	35-260-6	1	1	2	2	Unknown Chert (5YR 6/4 light brown)
39CU0251	35-260-7	3	2	1	1	Quartzite (N7 light gray)
39CU0271	29-173-1	1	3	2	2	Badlands Dendritic Chert (10YR 5/4 moderate yellowish brown)
39CU0531	32-264-1	1	3	2	2	Quartzite (10YR 4/4 moderate brown)
39CU0557	29-210-1	0	1	3	2	Chert (Minnekatka ?) (5YR 4/4 moderate brown)
39CU0559	32-289-1	1	1	2	2	Spearfish chert (5R 4/2 grayish red)
39CU3567	29-165-1	1	n/a	2	2	Badlands Dendritic Chert (10YR 6/6 dark yellowish orange)
39CU3572	29-212-1	4	2	0	2	Chert (Minnelusa or Spearfish) (5RP 6/2 pale red
39CU3572	29-212-2	1	1	2	1	Quartzite (N8 very light gray)
39CU3572	29-212 -3	3	1	0	2	Quartzite (N5 medium gray)
39CU3574	29-252-1	1	3	2	2	Chert (Minnelusa or Spearfish) (5R 6/2 pale red)
39CU3574	29-252-2	2	2	3	2	Quartzite (5R 2/6 very dark red)
39CU3576	30-161-1	n/a	n/a	n/a	2	Knife River Flint (5YR 3/2 grayish brown)
39CU3584	30-162-1	0	1	0	2	Quartzite (10YR 5/4 moderate yellowish brown)
39CU3585	31-187-1	2	3	3	2	Chert (5YR 4/1 brownish gray)
39CU3593	32-288-1	1	2	2	2	Spearfish chert (5R 3/4dusky red)
39CU3597	32-3-1	1	N/A	2	1	Quartzite (10R 6/2 pale red)
39CU3606	33-206-1	1	3	1	2	Tongue River Silicified Sediment (N 5 medium gray)
39CU3606	33-206-2	1	1	1	1	Quartzite (5R 4/2 grayish red)
39CU3606	33-206-3	n/a	n/a	n/a	1	Badlands Dendritic Chert (10YR 6/6 dark yellowish orange)
39CU3606	33-206-4	n/a	n/a	n/a	1	Quartzite (5 R 8/2 grayish pink)
39CU3617	34-158-1	1	1	2	2	Unknown Chert (5YR 6/4 light brown)
39CU3621	35-155-1	n/a	n/a	n/a	1	Minnelusa Chert (N 8; very light gray)
39CU3623	35-219-1	1	1	2	2	Chert (Paha Sapa or Spearfish) (5R 3/4 dusky red)
39CU3623	35-219-2	1	2	2	2	Spearfish Chert (5R 3/4 dusky red)
39CU3624	35-222-1	1	1	2	2	Spearfish Chert (5R 3/4 dusky red)
39CU3780	35-229-1	n/a	n/a	n/a	2	Quartzite (10R 4/6 moderate reddish brown)
39FA0096	10-39-1	1	1	1	1	obsidian (black; N 0)
39FA0096	10-39-2	1	1	2	2	quartzite; (N8; very light gray)
39FA0096	10-39-3	n/a	n/a	n/a	1	TRSS (N6; medium light gray)
39FA0096	10-39-4	3	3	2	2	Unknown chert (5 R 2/6; very dark red)
39FA0096	10-39-5	1	3	2	n/a	Unknown chert (10 YR 6/2; pale yellowish brown)
39FA0096	10-39-6	1	1	1	1	Hartville Uplift (5 YR 5/6; light brown)
39FA0096	10-39-7	1	2	2	2	Unknown chert; 5 R 2/6; very dark red
39FA0096	10-49-1	0	n/a	0	2	quartzite (5 YR 6/1; light brownish gray)
39FA0096	10-55-1	1	3	2	1	Minnelusa formation chert (5 RP 8/2; pale pink)
39FA0096	10-58-1	0	3	0	2	Badlands dendritic chert (10YR 7/4; grayish orange)
39FA0273	2-113-1	3	1	0	0	Quartzite (5R 2/2; blackish red)
39FA0740	3-72-1	0	2	0	2	Quartzite (5P 6/2; pale purple)
39FA0740	3-72-2	0	1	0	2	Quartzite (N5; medium gray)
39FA1869	1-145-1	0	1	0	2	Quartzite (N5; medium gray)
39FA1880	2-122-1	n/a	n/a	2	1	Spearfish chert (5R 6/2; pale red)
39FA1885	10-36-1	n/a	n/a	n/a	1	Hartville Uplift (10 R 2/2; very dusky red)
39FA1885	10-36-2	2	1	0	n/a	Quartzite (5 YR 8/1; pinkish gray)
39FA1893	10-65-1	1	2	2	2	TRSS (N 8; very light gray)
39FA1895	10-45-1	1	1	2	2	quartzite (5 YR 4/4; moderate brown)
39FA1895	10-45-2	1	3	2	1	TRSS (5 Y 6/1; light olive gray)
39FA1895	10-45-3	1	1	2	1	plate chalcedony (5 PB 7/2; pale blue)
39FA1895	10-45-4	0	1	0	1	TRSS; light brown (5 YR 6/4)
39FA1896	3-71-1	1	2	1	1	Porcellanite (N6; medium light gray)
39FA1896	10-59-1	0	1	0	1	Unknown chert (N9; white)
39FA1896	10-59-2	1	1	1	2	TRSS; (N 6; medium light gray)
39FA1896	10-59-3	n/a	n/a	n/a	2	Chalcedony (5 YR 6/1; light brownish gray)
39FA1896	10-59-4	1	3	1	2	Spearfish chert (5R 3/4; dusky red)
39FA1896	10-59-5	1	n/a	2	1	Badlands dendritic chert (10YR 6/6; dark yellowish orange)
39FA1896	10-59-6	3	3	0	2	TRSS (5 Y 6/1; light olive gray)
39FA1896	10-59-7	n/a	n/a	n/a	n/a	TRSS (5 Y 6/1; light olive gray)
39FA1897	3-70-1	1	3	1	2	Silicified wood (N8; very light gray)
39FA1917	12-11-1	1	1	2	2	Chalcedony (5 YR 5/2; pale brown)
39FA1924	12-130-1	1	1	1	1	Chert (chert N 9; white)
39FA1933	14-24-1	1	3	2	1	chalcedony (N 8; very light gray)
39FA1937	15-90-1	n/a	n/a	n/a	2	unknown chert; 10YR 6/2; pale yellowish brown

Appendix F

Project Scope-of-Work

POWERTECH (USA) INC.

RICHARD E. BLEDSOE
Vice President – Environmental
Health & Safety Resources

March 21, 2007

Privileged and Confidential

Augustana College Archaeology Lab
2032 S. Grange Avenue
Sioux Falls, SD 57105
Attention: Adrien Hannus

Re: Powertech (USA) Inc. / Dewey-Burdock Uranium Project, Fall River and Custer Counties

Dear Adrien:

This letter serves as a 'request for proposal' (RFP) from you and the Augustana College Archaeology Lab. Powertech wishes to begin drilling on property in Fall River and Custer County, SD pursuant to its Exploration Permit approved by the Board of Minerals and Environment on January 17, 2007. While much of the property was surveyed for archaeological and cultural resources in the late 1970s / early 1980s, it is necessary to review the identified sites and resurvey the area in accordance with currently approved procedures and methods. In addition, there may be areas that have not been surveyed that need to be investigated in order to gain clearance in order for Powertech to proceed with our proposed activities.

This RFP asks that you prepare and forward to Powertech, at the earliest possible opportunity, but no later than the end of business on April 1, 2007, a detailed proposal that addresses the scope of work described herein. While preparing the proposal, please keep in mind and address the following:

- Description of work to be performed. Please address each Phase.
- Confirm that work will be performed in compliance with South Dakota requirements and will be sufficient for a Section 106 Consultation, should this become necessary.
- Identify personnel who will perform the work and provide brief biography or resume for each individual.
- Provide a schedule for the work, with particular emphasis on the earliest date the priority drill sites can be reviewed.
- Provide a cost estimate for the work, showing labor and expenses separately. Expense costs should be detailed by major category, i.e., per diem, travel, materials, report preparation, etc. Please include a schedule of rates for the individuals to be assigned to the project.
- Any other information you believe appropriate and necessary to adequately address the scope of work for this project.

6200 S Troy Circle, Ste 150
Centennial, CO 80111 USA
Telephone 303-790-7528
Facsimile 303-790-3865
Website: www.powertechuranium.com
Email: info@powertechuranium.com

- Any comments you may have regarding the draft 'Professional Services Agreement' included herewith.

There are two Exhibits enclosed with this letter RFP. Exhibit A shows Powertech's priority drilling locations that need to be surveyed and cleared at the earliest possible time. It also shows Powertech's property boundary for its uranium exploration and development activities. Exhibit B is a photo of the map obtained from Mr. Michael Fosha at the State Archaeology Research Center, Rapid City, SD. This map depicts the areas and sites surveyed in the past. A true copy of this map is available from Michael Fosha.

Scope of Work

Phase I. For this initial phase, Powertech requests that the contractor survey the sites shown on Exhibit A at the earliest possible opportunity to allow exploration drilling activities to commence. Surveys shall be conducted in a manner that complies with the requirements of the South Dakota State Archaeologist. Clearance can be obtained via telephone call to Michael Fosha, SD State Archaeology Research Center (SARC); telephone number 605-394-1936, fax number 605-394-1941. Any communication to Mr. Fosha by telephone also shall be reported to Mr. Richard Blubaugh or Mr. Frank Lichnovsky of Powertech at 303-790-7528 or 605-745-7724, respectively. Michael Fosha should be contacted regarding existing information, survey requirements and reporting protocols.

Phase II. Perform surveys for remaining drill sites shown on Exhibit B and addressed in Powertech's permitted exploration plan. This phase may be incorporated into phase III provided that no additional permitted drilling areas require earlier clearance.

Phase III. Conduct surveys necessary to satisfy the requirements of South Dakota for the entire area shown within the Dewey-Burdock Project Area as depicted on Exhibit A.

Location of Sites and Area to be Surveyed

The Dewey-Burdock Project Area is located in parts or all of the following sections:

T6S R1E: Sections 27 - 36

T7S R1E: Sections 1 – 5, 9 – 12, 14, 15

Thanks for signing and returning the confidentiality agreement promptly.

Please contact the undersigned at your convenience should you have questions regarding this request for proposal or the enclosures.

Respectfully yours,

Richard E. Blubaugh