POWERTECH (USA) INC.

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DRILLED WITH: AIR ☐ WATER ☐ HOLE NO. DB11-3-ALLUV-2

T.D. 33' LOCATION: 435708.096, 1031228.363 State Plane, NAD27

BIT SIZE 4" FA

SAMPLE LOG BY LE LEASE: (PROJECT) Dewey Burdock

DATE 5/4/11 COUNTY Fall River STATE SD

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								L = Limonite (Lmn); SOX Surf. Oxidation; Rd. Reduced; Rdt. Reduction; P = Pyrite (Pyr); P_T = Pyrite Tarnish; POX = Primary Oxid.; BSOX = Base of Surf. Oxid.; 2OX = Secondary Oxid.; Tn = Transition Zone; fld = Feldspar; T = Trace; 1 = Minor; 2 = Moderate; 3 = Abundant; C = Carbon; K = Kaolin; B = Bleached; Cht = Chert
								0-22.5' silty, sandy CLAY, orangish brown, damp, scat roots
10				Water Level 13 ft. *				
20								22.5-33' silty GRAVELS, whites/grays/pinks, wet, angular qtzites & cherts
30								TD @ 33' competent GRANEROS - sharp contact
40								x hole plugged w/ bentonite chips
								* Note: Water level measurement believed to be in error.
50								
60								
70								