

PowerTech (USA) Inc.

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	Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION		T = Trace 1 = Minor 2 = Moderate 3 = Abundant C = Carbon B = Bleached K = Kaolin Ch = Chert
							L = Limonite (Lmn) SOX Surf. Oxidation Rd. Reduced Rdt. Reduction P = Pyrite (Pyr) P _T = Pyrite Tarnish	(Amounts in Percent, %) POX = Primary Oxid. BSOX = Base of Surf. Oxid. 2OX = Secondary Oxid. Tn = Transition Zone fid = Feldspar	
0-22.5'							silty, sandy CLAY, orange/brown, damp, soil roots		
22.5-33'							silty GRAVELS, white/grey/pinks, wet, angular glaziers & cherts		
TD @ 33'							uncompacted GRAVELS - sharp contact		
							hole plugged w/ bentonite chips		
* Note: Water level measurement believed to be in error.									