

PowerTech (USA) Inc.

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

T.D. 33' LOCATION: 432708.096, 1031223.363, Hole Plac, 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 %		SAMPLE DESCRIPTION				T = Trace												
					Primary Oxidation	Reduction	(Amounts in Percent, %)				1 = Minor	2 = Moderate	3 = Abundant										
0-22.5'							L = Limonite (Lmn)	SOX = Surf. Oxidation	Rd. Reduced	POX = Primary Oxid.	BSOX = Base of Surf. Oxid.	20X = Secondary Oxid.	Tn = Transition Zone	fid = Feldspar	T = Trace	1 = Minor	2 = Moderate	3 = Abundant	C = Carbon	B = Bleached	K = Kaolin	Chf = Chert	
0-10'																							
10-20'																							
20-22.5'																							
22.5-33'																							
33'-TD																							
40-50'																							
50-60'																							
60-70'																							

Water Level 13 ft. *

* Note: Water level measurement believed to be in error.