

**REGOLITH FIELD LOG SHEET**

<b>PROJECT:</b> NCZGRS	<b>DRILLING METHOD:</b> Wireline Coring
<b>BORING ID:</b> CH-1	<b>CORE DIAMETER:</b> 2.5"
<b>LOGGED BY:</b> Shuying Wang	<b>CORE DIAMETER:</b> 2.5"
<b>BEGINNING DATE:</b> June 26, 2006	<b>LATITUDE:</b> 35 37 04.621
<b>ENDING DATE:</b> July 25, 2006	<b>LONGITUDE:</b> 79 45 11.731

INTERVAL (feet)	RECOVERY	LAYER	D / M r / o y (D ) (s ) t (u ) r (e ) t (W ) (M ) ( )	COLOR	PLASTICITY	UNIFIED CLASS	DESCRIPTION
							DRY/WET: D=DRY, M=MOIST, W=WET PLASTICITY: N=NONPLASTIC, L=LOW, M=MEDIUM, H=HIGH LAYERS: S=SOIL(A & B Horizons), SP=SAPROLITE (C Horizon with relict textures), T=TRANSITION ZONE (Weathered fractured rock) ' = foot/feet; " = inch/inches
0 TO 3	4"	S (A-B)	W	10YR 6/6	M	CL	Silty clay, brownish yellow-red, scattered root and leaves fragments. Many quartz fragments and boulders visible on land surface at the site. Due to inclement weather, soil and ground were saturated; only 4" recovered.
3 TO 8	4'4"	S (B)	W	10YR 6/8- 7/8	M	CL	Clayey silt, light brownish-yellow, wet and becomes sandy and rocky in the lower section of the interval. Quartz fragments visible at 3'- 4'.
8 TO 13	3'4"	S to SP	W	7.5Y R 7/1- 10YR 5/8	M-L	CL- ML	Clayey silt to clayey-silty sand, color changes from gray to very light gray at the top of the interval to brownish yellow at the base. Soil texture changes from silty-sandy clay at the top to clayey-silty fine sand at the base. Massive rock texture visible at the base, wet.
13 TO 18	1' 7"	SP	W	10YR 3/6	L	ML	Silty-clay to fine sands, dark yellowish brown to brown toward the base, becomes coarse silty sand with slight relict texture; very wet.
18 TO 23	4'1"	SP	W	10YR 3/6 - 7YR 5/6	L	ML	Fine clayey-silty sand, dark yellowish brown to dark brown, relict texture, wet.
23 TO 28	4'	SP	W	10YR 3/6 - 7.5Y R7/1	L	SM	Fine silt to sandy saprolite, dark yellowish brown to yellowish brown, white clay minerals. Additional rock fragments or weathered rock boulders found in this interval, wet.
28 TO 30	9"	SP to Rk	W	5YR 7/1			Angular weathered rock fragments or boulders, grey. Fe/Mn-leaching staining formed on surfaces of the rock fragments. Competent rock was encountered at approximately 30'. This interval was truncated by setting the casing to resume coring.