

REGOLITH FIELD LOG SHEET

PROJECT: NCZGMRS	DRILLING METHOD: Wireline Coring
BORING ID: CH-2	CORE DIAMETER: 2.5"
LOGGED BY: S. Wang and C. Greene	
BEGINNING DATE: October 10, 2006	LATITUDE: 35 37 07.376
ENDING DATE: October 31, 2006	LONGITUDE: 79 45 20.385

INTERVAL (feet)	RECOVERY	LAYERS	Dry / Moisture (D) / Wet (M)	COLOR	PLASTICITY	UNIFIED CLASS	DESCRIPTION
							<p align="center">DESCRIPTION</p> <p align="center">DRY/WET: D=DRY, M=MOIST, W=WET</p> <p align="center">PLASTICITY: N=NONPLASTIC, L=LOW, M=MEDIUM, H=HIGH</p> <p align="center">LAYERS: S=SOIL(A & B Horizons), SP=SAPROLITE (C Horizon with relict textures), T=TRANSITION ZONE</p> <p align="center">(Weathered fractured rock)</p> <p align="center">' = foot/feet; " = inch/inches</p>
0 TO 5	1' 0.5"	S (B)	W	10R 4/8	N-M	CL	Clay, red in the upper 3" of recovery in the first 2'6" of the run. Mixed with scattered quartz fragments. Sandy clay to silty clay, red in the second 2'6" of the run. At the end of the run, the clay was firm.
5 TO 10	5'3"	S to SP	W - M	10R 4/8 to 10YR 8/1 - 7/4	L	CL	Clay, red, 0-9", from last run. Silty clay, red, 9"-1'5", firm with slight moisture. Silty clay, yellowish red, soft with faint relict texture to the base of the run.
10 TO 15	3'4"	SP	M	Variegated	N	CL	Silty-clayey saprolite, red to orangish red, scattered brown-black stripes and white spots, rocky at the base of the run. Well weathered, but with relict texture.
15 TO 20	1'3"	SP	M	Variegated	N	CL	Silty saprolite, variegated color: red to orangish red, scattered brown-black stripes and white spots to reddish yellow with white, brown to black spots or stripes, massive. Firm with less clay content, no rock fragments. Low recovery rate.
20 TO 25	5"	SP	M	10YR 6/4	N	CL	Silty saprolite, primarily light yellowish brown. Very low recovery rate.
30 TO 35	4'3"	SP	M	light to medium gray	N		Saprolite, variegated color: light to medium gray with some black and white spots or stripes, very firm (but still can be broken with fingers), complete relict rock texture, scattered broken weathered rock fragments.
35 TO 37'7"	1'11"	SP	M	Light to medium gray	N		Saprolite, color as described in the run above. Completely weathered rock with relict texture in the first 8" of the run. Below top 8", saprolite, color same as above, with scattered incompletely weathered rock grading into competent bedrock: massive felsic meta-lapilli tuff.