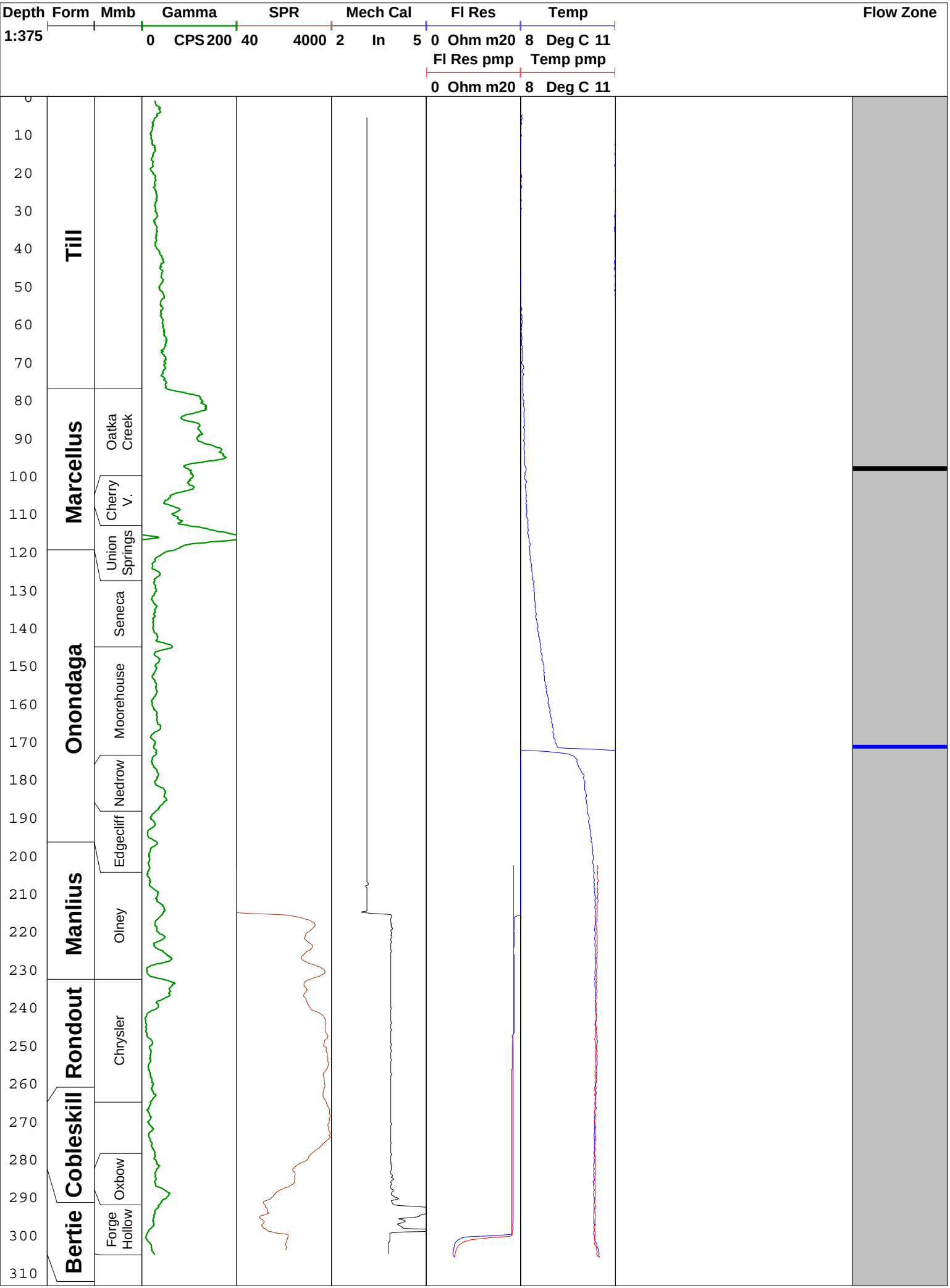
BOREHOLE GEOPHYSICAL LOG

English/Metric units E

SiteID (C1) 425415076354901	**Station name (C12)** CY 257	**Other ID** B-49D3	
County Cayuga	**State** New York	**Log date** 2/19/2007	**Log time**
Owner General Electric Co.		**Project** USEPA Cayuga Site	
Location description South of Powerex facility, corner of Bluefield and Pinckney Roads, Auburn NY [deep well of six-well cluster]			
Latitude 425414.6	**Longitude** 0763549.2	**Lat/Long datum** NAD83	
Altitude LMP 734.3 ft	**Altitude datum** NGVD29	**Log measurement point (LMP)** LS	
Height LMP 0.0	**Description of LMP** Land surface		
Borehole depth 305 ft	**Borehole diameter** 4 in	**Casing bottom** 98 ft	
Casing diameter 6 in	**Casing type** steel	**Source of data** owner	
Logging unit Mid-Atlantic Geosciences	**Log orientiation** MN	**Magnetic declination** -12.4	
Recorded by	**Observed by** DAE		
Fluid type Water	**Fluid depth below LMP** 171.4 ft		
Hydrologic conditions Ambient downflow leaking from base of HQ casing indicated by fluid conductance log Pumped through HQ casing, 1 gal/min, drawdown = 6.5 ft			
Software non-ASCII logs	**Type of log**		
Tool manufacturer and model	Robertson	**Tool serial number**	
Logging direction up/down	**Logging speed**	**Depth error after logging**	
Log parameter(s) and date(s) of calibration check			

Remarks

Well owned by General Electric Co.; Logged by Mid-Atlantic Geosciences.
Borehole highly fractured/unstable; Logged through temporary HQ casing set to 216 ft below LS; Limited log suite.
Large volume of grout and bentonite taken by zones above the screen while setting 2-in PVC well in borehole.
Rock core available.


Depth
1:375
Form
Mmb
Gamma
0 CPS 200
SPR
40 4000
Mech Cal
2 In 5
Fl Res
0 Ohm m20
Fl Res pmp
0 Ohm m20
Temp
8 Deg C 11
Temp pmp
8 Deg C 11
Flow Zone
Till
Marcellus
Onondaga
Manlius
Rondout
Cobleskill
Bertie
Oatka Creek
Cherry V.
Union Springs
Seneca
Moorehouse
Nedrow
Edgecliff
Olney
Chrysler
Oxbow
Forge Hollow
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