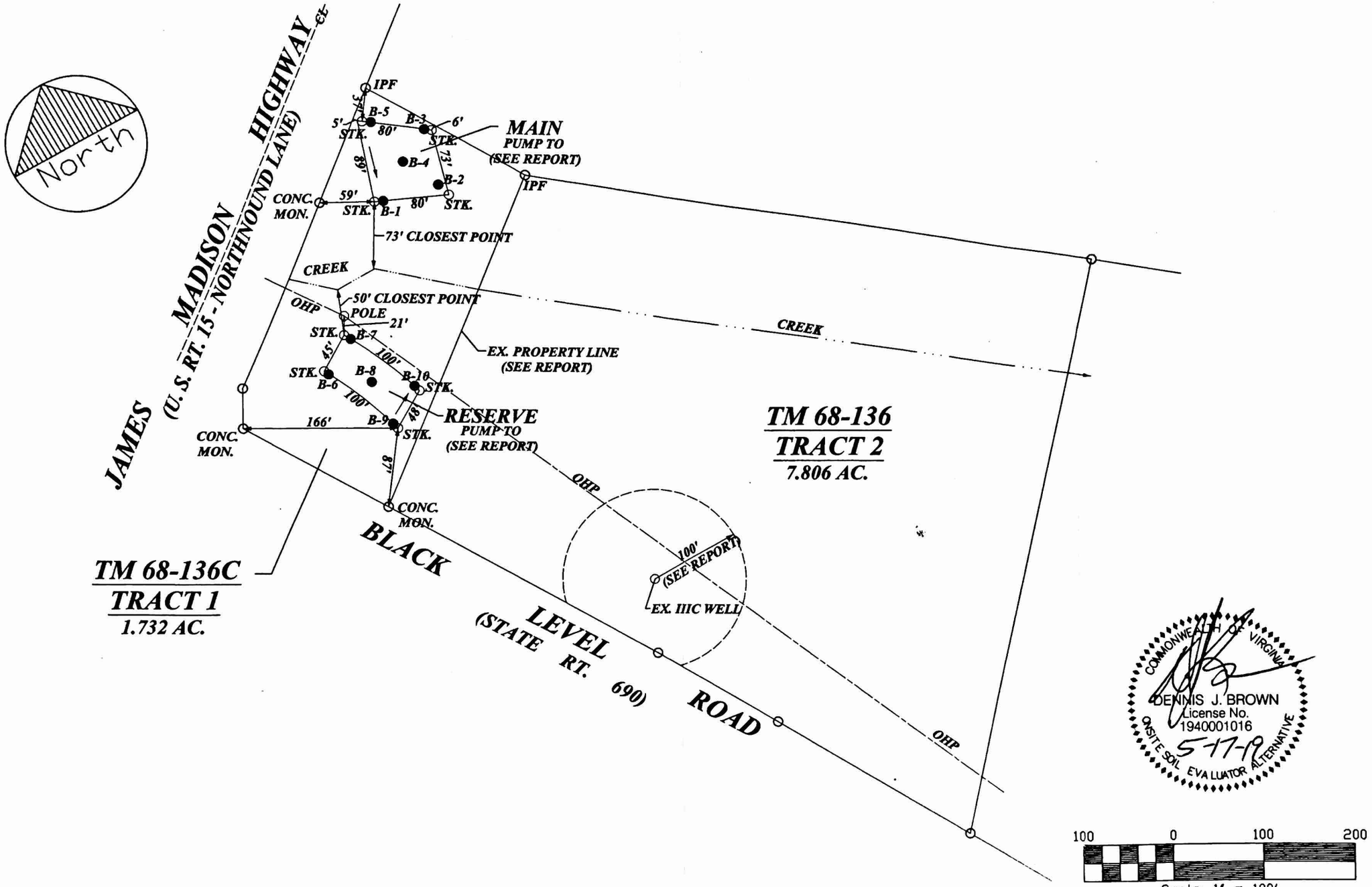
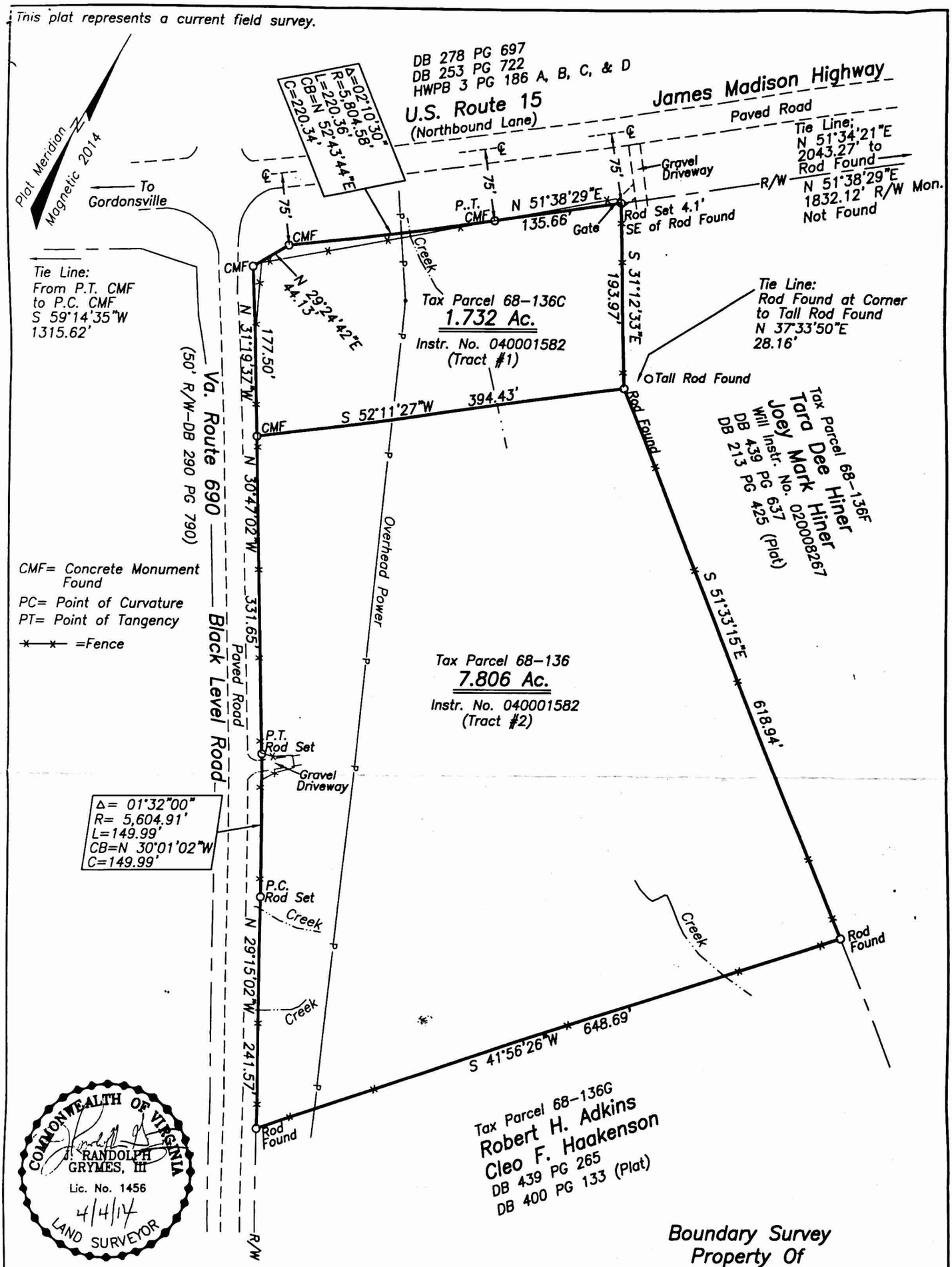

North
JAMES MADISON HIGHWAY
(U. S. RT. 15 - NORTHBOUND LANE)
IPF
B-5
B-3
6'
5'
STK.
80'
STK.
MAIN
PUMP TO
(SEE REPORT)
B-4
73'
B-2
IPF
CONC.
MON.
59'
STK.
B-1
80'
STK.
73' CLOSEST POINT
CREEK
50' CLOSEST POINT
OHP
POLE
21'
STK.
B-7
CREEK
EX. PROPERTY LINE
(SEE REPORT)
45'
100'
STK.
B-8
B-10
STK.
B-6
100'
RESERVE
PUMP TO
(SEE REPORT)
166'
B-9
STK.
CONC.
MON.
87'
OHP
CONC.
MON.
TM 68-136
TRACT 2
7.806 AC.
TM 68-136C
TRACT 1
1.732 AC.
BLACK LEVEL (STATE RT. 690) ROAD
100'
(SEE REPORT)
EX. IIIC WELL
OHP
COMMONWEALTH OF VIRGINIA
DENNIS J. BROWN
License No.
1940001016
5-17-19
ONSITE SOIL EVALUATOR, ALTERNATIVE
100 0 100 200
Scale: 1" = 100'



NOTES:

1. No title report has been furnished.
2. This plat does not necessarily indicate all easements or encumbrances on the property.
3. Underground utilities or subsurface facilities not located.
4. Boundary hereon shown is based upon monumentation found and plats of record.
5. Existing improvements not shown.
6. Creek location shown is approximate.
7. Tax Parcel 68-136 and 68-136C hereon shown, containing a total of 9.538 acres, is all of the same property conveyed to Peggy Lawson and Kerry Abbott by Instr. No. 040001582, less prior conveyances of right of way for Rt. 15 and Rt. 690 as shown.

Boundary Survey
Property Of
PEGGY LAWSON
&
KERRY ABBOTT
Madison District
Orange County, Virginia

Prepared By
GRYMES LAND SURVEYING, P.L.C.
P.O. BOX 1103
ORANGE , VIRGINIA 22960
Ph: 540-672-4282

Scale: 1" = 100'
Job: 1417
Date: April 4, 2014

Shallow Placed Systems w/Secondary Effluent. It is our opinion this lot would not support a suitable on-site in ground waste disposal system due to insufficient areas of acceptable soil. Note an existing IIIC has been located on this parcel.

Please note 2 areas were found on TM 68-136C which would allow for an in-ground system. Attached is a sketch showing these areas which have been staked and located in the field, a copy of the survey plat supplied by client and also boring logs describing the soils encountered in these areas. It is our opinion these areas would support a 4 Bedroom House. The Main Drainfield area shown is a conventional pump to system and the Reserve Drainfield area staked is a Secondary/Reduced Footprint sytem. The estimated percolation rate for the soils encountered is estimated to be 60 mpi and woud be installed at approximately 30" for the Main and 20" for the Reserve. Please note this is preliminary evaluation and would require additional information (house location, topo,etc.) prior to starting any permitting process. Also note the lots would have to be combined and the property line between Tract No. 1 & Tract No.2 abandoned. Per our conversation this is the route you wish to take.

The conclusions and recommendations expressed in this report are based on field investigation, and property boundary information obtained from client. We appreciate the opportunity to be of service. If you have any questions do not hesitate to call.

Sincerely,
Dennis J. Brown,
O.S.E. No. 1940001016

Culpeper Engineering, P.C.
Phone 540-423-9706

Page ____ of ____
C.E.P.C.# _____

SOIL PROFILE DESCRIPTION REPORT

Hole # & Date Evaluated	Horizon	Depth (inches)	Descriptions of, color, texture, etc.	Texture
B-1	A	0-12	brown (7.5YR 5/3) loam; w/cobbles	IIb
5-10-19	B1	12-18	brown (7.5YR 5/4) silt loam; friable; few cobbles	III
MAIN	B2	18-24	reddish yellow (7.5YR 6/6) silt loam; friable; few cobbles	III
	B3	24-44	strong brown (7.5YR 5/6) brownish yellow (10YR 6/6) silt loam; friable;	
			few quartz	III
	C1	44-60	brownish yellow (10YR 6/6) white (10YR 8/1) silt loam saprolite; friable	III
B-2	A1	0-4	brown (7.5YR 4/2) loam	IIb
5-10-19	A2	4-8	brown (7.5YR 5/4) silt loam; w/cobbles & quartz	III
MAIN	B1	8-23	strong brown (7.5YR 5/6) silt clay loam to silt loam; friable; few quartz &	
			cobbles	III
	B2	23-46	yellowish red (5YR 5/6) brownish yellow (10YR 6/6) silt loam; friable;	
			few quartz	III
	C	46-60	brownish yellow (10YR 6/6) white (10YR 8/1) yellowish red (5YR 5/6)	
			silt loam saprolite; friable; few schist fragments	III
B-3	A1	0-4	brown (7.5YR 4/2) loam	IIb
5-10-19	A2	4-10	strong brown (7.5YR 5/6) silt loam; few quartz	III
MAIN	B1	10-27	yellowish red (5YR 5/6) reddish yellow (5YR 6/6) silt loam; friable; few	
			quartz	III
	C1	27-35	red (2.5YR 5/6) brownish yellow (10YR 6/6) silt loam saprolite; friable	III
	C2	35-60	brownish yellow (10YR 6/6) yellow (10YR 7/6, 8/6) silt loam saprolite;	
			friable	III
B-4	A1	0-4	brown (7.5YR 4/2) loam	IIb
5-14-19	A2	4-10	brown (7.5YR 5/4) silt loam; few cobbles & quartz	III
MAIN	B1	10-19	strong brown (7.5YR 5/6) silt clay loam; friable; few cobbles & quartz	III
	B2	19-42	yellowish red (5YR 5/6) brownish yellow (10YR 6/6) silt loam; friable;	
			few quartz	III
	C	42-60	brownish yellow (10YR 6/6) yellow (10YR 7/6) silt loam saprolite; friable	III
B-5	A1	0-4	brown (7.5YR 4/2) loam	IIb
5-14-19	A2	4-10	strong brown (7.5YR 5/6) silt loam; few cobbles & quartz	III
MAIN	B1t	10-18	yellowish red (5YR 5/6) clay loam; few cobbles & quartz	III
	B2	18-27	yellowish red (5YR 5/6) silt clay loam to silt loam; friable; few cobbles	
			& quartz	III
	B3	27-38	yellowish red (5YR 5/6) brownish yellow (10YR 6/6) silt loam; friable;	
			few quartz	III
	C	38-60	brownish yellow (10YR 6/6) yellow (10YR 7/6) silt loam saprolite; friable	III
B-6	A1	0-4	brown (10YR 5/3) loam	IIb
5-16-19	A2	4-12	yellowish brown (10YR 5/4) silt loam; w/quartz	III
RESERVE	B	12-22	brownish yellow (10YR 6/6) silt loam; friable; few quartz	III
	C1	22-45	brownish yellow (10YR 6/6) yellow (10YR 7/6) silt loam saprolite; friable;	
			Auger Refusal @45" on quartz	III

Remarks: Chroma 2 colors or less are parent material related

Culpeper Engineering, P.C.
Phone 540-423-9706

Page ____ of ____
C.E.P.C.# _____

SOIL PROFILE DESCRIPTION REPORT

Hole # & Date Evaluated	Horizon	Depth (inches)	Descriptions of, color, texture, etc.	Texture
B-7	A1	0-4	brown (10YR 5/3) loam	IIb
5-16-19	A2	4-14	yellowish brown (10YR 5/4) gravelly silt loam	III
RESERVE	B	14-23	brownish yellow (10YR 6/6) light yellowish brown (10YR 6/4) gravelly	III
			silt loam; friable	III
	C1	23-47	brownish yellow (10YR 6/6) light yellowish brown (10YR 6/4) very pale	
			brown (10YR 7/4) silt loam saprolite; friable; Auger Refusal @47" on	
			quartz	III
B-8	A1	0-4	brown (10YR 5/3) loam	IIb
5-16-19	A2	4-10	brown (10YR 5/3) silt loam; w/quartz	III
RESERVE	B	10-18	light brown (7.5YR 6/4) silt loam; friable	III
	C	18-60	brownish yellow (10YR 6/6) light yellowish brown (10YR 6/4) very pale	
			brown (10YR 7/4) silt loam saprolite; friable	III
B-9	A	0-12	brown (10YR 5/3) loam	III
5-16-19	B1	12-23	yellowish brown (10YR 5/6) silt loam; w/quartz	III
RESERVE	B2	23-31	light brown (7.5YR 6/4) silt loam; friable	III
	C	31-60	brownish yellow (10YR 6/6) yellow (10YR 7/6) very pale brown (10YR	
			7/4) silt loam saprolite; friable	III
B-10	A1	0-4	brown (10YR 5/3) loam	IIb
5-16-19	A2	4-10	brown (10YR 5/3) silt loam; w/quartz	III
RESERVE	B	10-36	yellowish brown (10YR 5/6) silt loam; w/quartz	III
	C	36-60	brownish yellow (10YR 6/6) yellow (10YR 7/6) very pale brown (10YR	
			7/4) silt loam saprolite; friable	III

Remarks: