

Supplemental Table 1. Mahalanobis Distance Probabilities of Group Membership.

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
CFP01	Fisher	Alexandria	91.3	0.0	8.8	0.0	0.0	0.0
CFP02	Fisher	Alexandria	94.9	0.0	44.0	0.0	0.0	0.0
CFP03	Fisher	Alexandria	22.3	0.2	99.2	0.0	11.4	0.0
CFP04	Fisher	Alexandria	99.9	0.0	23.7	0.0	0.0	0.0
CFP05	Fisher	Alexandria	95.3	0.0	41.2	0.0	0.0	0.0
CFP06	Fisher	Alexandria	93.2	4.6	100.0	0.2	44.2	0.0
CFP07	Fisher	Alexandria	96.2	0.0	50.5	0.0	6.7	0.0
CFP08	Fisher	Alexandria	63.5	0.0	3.2	0.0	0.0	0.0
CHP01	Piercy	Alexandria	98.9	0.0	37.0	0.0	0.0	0.0
CHP02	Piercy	Alexandria	99.9	0.0	14.8	0.0	0.0	0.0
CHP03	Piercy	Alexandria	47.6	0.0	0.0	0.0	0.0	0.0
CHP04	Piercy	Alexandria	5.3	0.0	7.9	0.0	0.0	0.0
CHP05	Piercy	Alexandria	99.9	0.0	28.0	0.0	0.0	0.0
CHP06	Piercy	Alexandria	11.9	0.0	49.3	0.0	0.2	0.0
CHP07	Piercy	Alexandria	94.1	0.0	10.6	0.0	0.0	0.0
CHP08	Piercy	Alexandria	96.0	0.0	1.5	0.0	0.0	0.0
CHP09	Piercy	Alexandria	94.7	0.0	2.8	0.0	0.0	0.0
CHP10	Piercy	Alexandria	97.8	0.0	21.5	0.0	0.0	0.0
CPP01	Plum	Alexandria	94.5	0.0	6.6	0.0	0.0	0.0
CPP02	Plum	Alexandria	96.7	0.0	14.5	0.0	0.0	0.0
CPP03	Plum	Alexandria	93.7	0.0	10.0	0.0	0.0	0.0
CPP04	Plum	Alexandria	93.2	0.0	1.1	0.0	0.0	0.0
CPP05	Plum	Alexandria	71.4	0.0	1.7	0.0	0.0	0.0
CPP06	Plum	Alexandria	98.0	0.0	17.0	0.0	0.0	0.0
CSS01	Swann Smith	Alexandria	99.6	0.0	19.4	0.0	0.0	0.0
CSS02	Swann Smith	Alexandria	94.7	0.0	10.1	0.0	0.0	0.0
CSS03	Swann Smith	Alexandria	78.2	0.0	2.0	0.0	0.0	0.0
CSS04	Swann Smith	Alexandria	88.3	0.0	0.7	0.0	0.0	0.0
CSS05	Swann Smith	Alexandria	94.2	0.0	1.5	0.0	0.0	0.0
CSS06	Swann Smith	Alexandria	75.8	0.0	0.1	0.0	0.0	0.0
CTE01	Tildon Easton	Alexandria	70.1	0.0	0.1	0.0	0.0	0.0
CTE02	Tildon Easton	Alexandria	14.3	0.0	0.0	0.0	0.0	0.0
CTE03	Tildon Easton	Alexandria	74.2	2.2	95.2	0.1	68.5	0.0
CTE04	Tildon Easton	Alexandria	79.3	0.0	8.8	0.0	0.0	0.0
CTE05	Tildon Easton	Alexandria	99.2	0.0	51.1	0.0	0.0	0.0
CTE06	Tildon Easton	Alexandria	35.0	0.0	3.6	0.0	0.0	0.0
CTE07	Tildon Easton	Alexandria	6.1	0.0	0.1	0.0	0.0	0.0
CTE08	Tildon Easton	Alexandria	1.7	0.0	0.0	0.0	0.0	0.0
CTE09	Tildon Easton	Alexandria	67.5	0.0	38.5	0.0	0.0	0.0

Sample ID	N. VA Piedmont	Philadelphia	Shen. Valley	S. Ridge & Valley	Staffordshire	Surrey- Hamp.	New Zone	Assignment
CFP01	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Alexandria
CFP02	0.0	0.1	1.5	0.0	0.0	0.0	0.0	Alexandria
CFP03	27.0	15.4	63.4	0.1	19.9	0.4	0.0	Unassigned
CFP04	0.0	0.0	20.2	0.0	0.0	0.0	0.0	Alexandria
CFP05	0.0	0.0	3.6	0.0	0.0	0.0	0.0	Alexandria
CFP06	10.9	74.3	90.2	1.9	17.2	1.5	0.0	Unassigned
CFP07	22.3	46.0	84.8	0.3	4.9	0.1	0.0	Unassigned
CFP08	0.0	0.0	20.2	0.0	0.0	0.0	0.0	Alexandria
CHP01	0.0	0.0	19.4	0.0	0.0	0.0	0.0	Alexandria
CHP02	0.0	0.0	11.5	0.0	0.0	0.0	0.0	Alexandria
CHP03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Alexandria
CHP04	49.7	23.9	1.8	0.0	14.8	0.0	10.9	Unassigned
CHP05	0.0	0.0	3.2	0.0	0.0	0.0	0.0	Alexandria
CHP06	49.0	66.2	8.0	0.0	9.2	0.0	0.6	Unassigned
CHP07	0.0	0.0	0.3	0.0	0.0	0.0	0.0	Alexandria
CHP08	0.0	0.0	6.6	0.0	0.0	0.0	0.0	Alexandria
CHP09	0.0	0.0	21.7	0.0	0.0	0.0	0.0	Alexandria
CHP10	0.0	0.0	6.6	0.0	0.0	0.0	0.0	Alexandria
CPP01	0.0	0.0	5.1	0.0	0.0	0.0	0.0	Alexandria
CPP02	0.0	0.0	21.0	0.0	0.0	0.0	0.0	Alexandria
CPP03	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Alexandria
CPP04	0.0	0.0	0.3	0.0	0.0	0.0	0.0	Alexandria
CPP05	0.0	0.0	0.7	0.0	0.0	0.0	0.0	Alexandria
CPP06	0.0	0.0	1.9	0.0	0.0	0.0	0.0	Alexandria
CSS01	0.0	0.0	0.3	0.0	0.0	0.0	0.0	Alexandria
CSS02	0.0	0.0	26.4	0.0	0.0	0.0	0.0	Alexandria
CSS03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Alexandria
CSS04	0.0	0.0	37.5	0.0	0.0	0.0	0.0	Alexandria
CSS05	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Alexandria
CSS06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Alexandria
CTE01	0.0	0.0	3.4	0.0	0.0	0.0	0.0	Alexandria
CTE02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Alexandria
CTE03	51.2	76.2	97.4	7.9	11.4	5.1	0.0	Unassigned
CTE04	0.0	0.1	19.2	0.0	0.0	0.0	0.0	Alexandria
CTE05	0.0	0.1	16.5	0.0	0.0	0.0	0.0	Alexandria
CTE06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Alexandria
CTE07	0.0	0.0	1.5	0.0	0.0	0.0	0.0	Alexandria
CTE08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Alexandria
CTE09	0.0	1.7	3.5	0.0	0.0	0.0	0.0	Alexandria

Sample ID	Site	Production Zone	Ches.			London	NC	
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
CTE10	Tildon Easton	Alexandria	99.5	0.0	1.3	0.0	0.0	0.0
CTE11	Tildon Easton	Alexandria	24.3	4.5	11.7	2.7	15.7	0.0
BBH01	Brookhill	Buckley	0.0	56.6	0.0	54.0	0.0	0.0
BBH02	Brookhill	Buckley	1.9	32.7	0.1	99.1	15.0	0.0
BBH03	Brookhill	Buckley	0.0	48.3	0.0	10.6	0.0	0.0
BBH04	Brookhill	Buckley	0.0	92.3	0.0	0.0	0.0	0.0
BBH05	Brookhill	Buckley	0.0	1.6	0.0	1.6	0.0	0.0
BBH06	Brookhill	Buckley	0.0	1.0	0.0	0.0	0.0	0.0
BBH07	Brookhill	Buckley	0.0	34.1	0.0	0.0	0.0	0.0
BBH08	Brookhill	Buckley	0.0	25.4	0.0	0.0	0.0	0.0
BBH09	Brookhill	Buckley	0.0	67.2	0.0	0.0	0.0	0.0
BBH10	Brookhill	Buckley	3.7	76.2	0.5	88.0	10.6	0.0
BBH11	Brookhill	Buckley	0.2	13.9	0.1	84.6	10.8	0.0
BBH12	Brookhill	Buckley	0.0	8.4	0.0	38.3	5.1	0.0
BBH13	Brookhill	Buckley	0.0	39.1	0.0	13.8	0.0	0.0
BBH14	Brookhill	Buckley	0.0	83.0	0.0	0.0	0.0	0.0
BPL01	Pinfold Lane	Buckley	0.0	10.0	0.0	0.0	0.0	0.0
BPL02	Pinfold Lane	Buckley	0.0	96.9	0.0	0.5	0.0	0.0
BPL03	Pinfold Lane	Buckley	0.0	100.0	0.0	2.1	0.0	0.0
BPL04	Pinfold Lane	Buckley	0.0	0.0	0.0	0.0	0.0	0.0
BPL05	Pinfold Lane	Buckley	0.0	67.7	0.0	0.1	0.0	0.0
BPL06	Pinfold Lane	Buckley	0.0	84.6	0.0	0.2	0.0	0.0
BPL07	Pinfold Lane	Buckley	0.0	46.7	0.0	0.0	0.0	0.0
BPL08	Pinfold Lane	Buckley	0.0	57.8	0.0	0.0	0.0	0.0
BPL09	Pinfold Lane	Buckley	0.0	68.7	0.0	3.7	0.0	0.0
BPL10	Pinfold Lane	Buckley	0.0	92.6	0.0	5.0	0.0	0.0
BPL11	Pinfold Lane	Buckley	0.0	48.3	0.0	13.1	0.0	0.0
BPL12	Pinfold Lane	Buckley	0.0	32.2	0.0	2.6	0.0	0.0
BPL13	Pinfold Lane	Buckley	0.0	64.9	0.0	0.1	0.0	0.0
BPL14	Pinfold Lane	Buckley	0.0	99.4	0.0	0.8	0.0	0.0
BPL15	Pinfold Lane	Buckley	0.0	80.7	0.0	0.3	0.0	0.0
CES01	Eden Street	Ches. Tidewater	19.4	0.0	98.9	0.0	0.0	0.0
CES02	Eden Street	Ches. Tidewater	0.1	0.0	24.9	0.0	0.0	0.0
CES03	Eden Street	Ches. Tidewater	7.6	0.0	87.5	0.0	0.0	0.0
CES04	Eden Street	Ches. Tidewater	1.7	0.0	14.8	0.0	0.0	0.0
CES05	Eden Street	Ches. Tidewater	4.5	0.0	98.7	0.0	0.0	0.0
CES06	Eden Street	Ches. Tidewater	0.2	0.0	87.2	0.0	0.0	0.0
CES07	Eden Street	Ches. Tidewater	18.3	0.0	67.0	0.0	0.0	0.0
CES08	Eden Street	Ches. Tidewater	0.8	0.0	8.1	0.0	0.0	0.0
CES09	Eden Street	Ches. Tidewater	39.7	0.0	75.5	0.0	0.0	0.0
CES10	Eden Street	Ches. Tidewater	5.8	0.0	60.9	0.0	0.0	0.0

Sample ID	Site	Production Zone			Ches.		London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
CES11	Eden Street	Ches. Tidewater	0.2	0.0	72.6	0.0	0.0	0.0
CES12	Eden Street	Ches. Tidewater	0.8	0.0	6.7	0.0	0.0	0.0
CGL01	Gloucester	Ches. Tidewater	9.2	58.4	9.9	18.1	85.9	0.0
CGL02	Gloucester	Ches. Tidewater	0.1	0.0	28.4	0.0	0.0	0.0
CGL03	Gloucester	Ches. Tidewater	79.1	6.9	46.9	0.5	98.6	0.0
CGL04	Gloucester	Ches. Tidewater	93.2	2.1	93.0	0.1	93.4	0.0
CGL05	Gloucester	Ches. Tidewater	90.4	12.9	67.1	3.8	99.7	0.0
CGL09	Gloucester	Ches. Tidewater	0.9	0.0	33.5	0.0	0.0	0.0
CGL10	Gloucester	Ches. Tidewater	4.6	0.8	0.8	0.0	10.6	0.0
CGL11	Gloucester	Ches. Tidewater	23.6	0.0	59.1	0.0	5.6	0.0
CGL12	Gloucester	Ches. Tidewater	65.4	0.7	96.2	0.0	29.3	0.0
CGL13	Gloucester	Ches. Tidewater	0.0	0.0	3.6	0.0	0.0	0.0
CGL14	Gloucester	Ches. Tidewater	0.0	0.0	1.2	0.0	0.0	0.0
CGL15	Gloucester	Ches. Tidewater	0.7	0.0	89.8	0.0	0.0	0.0
CGL18	Gloucester	Ches. Tidewater	94.8	2.8	49.7	0.2	86.8	0.0
CGL19	Gloucester	Ches. Tidewater	0.0	0.0	3.6	0.0	0.0	0.0
CGL20	Gloucester	Ches. Tidewater	0.2	0.0	72.9	0.0	0.0	0.0
CGL21	Gloucester	Ches. Tidewater	0.1	0.0	5.8	0.0	0.0	0.0
CLC01	Lawnes Creek	Ches. Tidewater	1.1	0.0	10.0	0.0	0.0	0.0
CLC02	Lawnes Creek	Ches. Tidewater	0.0	0.0	10.7	0.0	0.0	0.0
CLC03	Lawnes Creek	Ches. Tidewater	0.0	0.0	66.7	0.0	0.0	0.0
CLC04	Lawnes Creek	Ches. Tidewater	11.5	0.0	54.0	0.0	0.0	0.0
CLC05	Lawnes Creek	Ches. Tidewater	0.0	0.0	22.1	0.0	0.0	0.0
CLP01	Linton Perine	Ches. Tidewater	7.1	0.0	74.9	0.0	0.0	0.0
CLP02	Linton Perine	Ches. Tidewater	57.4	0.0	98.6	0.0	0.0	0.0
CLP03	Linton Perine	Ches. Tidewater	24.8	0.0	99.9	0.0	0.0	0.0
CLP04	Linton Perine	Ches. Tidewater	5.4	0.0	67.8	0.0	0.0	0.0
CLP05	Linton Perine	Ches. Tidewater	38.2	0.0	76.5	0.0	0.0	0.0
CLP06	Linton Perine	Ches. Tidewater	35.1	0.0	60.0	0.0	0.0	0.0
CLP07	Linton Perine	Ches. Tidewater	40.2	0.0	95.7	0.0	0.0	0.0
CLP08	Linton Perine	Ches. Tidewater	4.4	0.0	83.2	0.0	0.0	0.0
CLP09	Linton Perine	Ches. Tidewater	57.9	0.0	85.0	0.0	0.0	0.0
CLP10	Linton Perine	Ches. Tidewater	25.8	0.0	86.3	0.0	0.0	0.0
CLP11	Linton Perine	Ches. Tidewater	3.0	0.0	14.4	0.0	0.0	0.0
CLP12	Linton Perine	Ches. Tidewater	0.7	0.0	8.6	0.0	0.0	0.0
CLP13	Linton Perine	Ches. Tidewater	1.8	0.0	63.3	0.0	0.0	0.0
CLP14	Linton Perine	Ches. Tidewater	14.3	0.0	86.3	0.0	0.0	0.0
CLP15	Linton Perine	Ches. Tidewater	2.2	0.0	89.2	0.0	0.0	0.0
CLP16	Linton Perine	Ches. Tidewater	99.4	27.0	90.2	1.8	72.1	0.0
CMJ01	Morgan Jones	Ches. Tidewater	0.0	0.0	80.2	0.0	0.0	0.0
CMJ02	Morgan Jones	Ches. Tidewater	99.4	0.4	88.1	0.0	37.2	0.0

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-Hamp.	New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire				
CES11	0.0	0.5	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CES12	0.1	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL01	0.0	0.6	26.2	1.8	0.0	8.7	0.0	Unassigned
CGL02	0.0	0.1	1.3	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL03	0.7	5.9	71.0	2.4	6.3	9.8	0.0	Unassigned
CGL04	38.1	70.2	88.3	1.1	28.9	2.9	0.0	Unassigned
CGL05	6.7	25.9	86.7	5.2	4.7	17.7	0.0	Unassigned
CGL09	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL10	7.9	14.7	9.2	0.1	1.1	0.2	0.0	Unassigned
CGL11	83.7	99.9	38.3	0.6	6.7	0.0	0.0	Unassigned
CGL12	77.7	99.6	74.5	1.4	5.2	1.7	0.0	Unassigned
CGL13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL15	0.0	0.6	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL18	15.9	17.5	93.7	5.1	36.7	8.8	0.0	Unassigned
CGL19	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CGL21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLC01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLC02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLC03	0.0	0.3	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLC04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLC05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP01	0.0	0.1	3.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP02	0.0	6.3	2.1	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP03	0.0	4.2	0.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP04	0.0	21.6	0.4	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP05	0.0	0.1	0.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP06	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP07	0.0	2.6	0.5	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP09	0.0	0.2	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP10	0.1	3.0	0.8	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP11	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP13	0.0	0.0	0.4	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP15	0.0	1.7	0.3	0.0	0.0	0.0	0.0	Ches. Tidewater
CLP16	12.6	36.1	97.5	5.1	18.1	52.9	0.0	Unassigned
CMJ01	0.0	0.1	0.0	0.0	0.0	0.0	0.0	Ches. Tidewater
CMJ02	1.0	41.1	61.4	0.2	1.3	0.3	0.0	Unassigned

Sample ID	Site	Production Zone	Alexandria	Buckley	Ches.		London	NC
					Tidewater	Liverpool	Area	Piedmont
CMJ03	Morgan Jones	Ches. Tidewater	0.2	0.0	87.3	0.0	0.0	0.0
CMJ04	Morgan Jones	Ches. Tidewater	1.2	0.0	65.2	0.0	0.0	0.0
CMJ05	Morgan Jones	Ches. Tidewater	0.1	0.0	18.7	0.0	0.0	0.0
CMJ06	Morgan Jones	Ches. Tidewater	0.0	0.0	42.9	0.0	0.0	0.0
CMJ07	Morgan Jones	Ches. Tidewater	0.4	0.0	90.7	0.0	0.0	0.0
CMJ08	Morgan Jones	Ches. Tidewater	6.6	0.0	90.1	0.0	0.0	0.0
CMJ09	Morgan Jones	Ches. Tidewater	10.7	0.0	100.0	0.0	0.0	0.0
CMJ10	Morgan Jones	Ches. Tidewater	0.0	0.0	56.8	0.0	0.0	0.0
CMJ11	Morgan Jones	Ches. Tidewater	7.2	0.0	44.6	0.0	0.0	0.0
CMJ12	Morgan Jones	Ches. Tidewater	92.5	0.1	57.8	0.1	6.4	0.0
CMJ13	Morgan Jones	Ches. Tidewater	0.0	0.0	42.0	0.0	0.0	0.0
CMJ14	Morgan Jones	Ches. Tidewater	0.2	0.0	10.9	0.0	0.0	0.0
CMJ15	Morgan Jones	Ches. Tidewater	0.6	0.0	81.1	0.0	0.0	0.0
BPT01	Prescot	Liverpool	0.0	0.1	0.0	80.9	0.0	0.0
BPT02	Prescot	Liverpool	0.0	0.0	0.0	32.3	0.0	0.0
BPT03	Prescot	Liverpool	0.0	1.5	0.0	68.6	0.0	0.0
BPT04	Prescot	Liverpool	0.0	0.1	0.0	78.8	0.0	0.0
BPT05	Prescot	Liverpool	0.0	24.9	0.0	87.5	0.0	0.0
BPT06	Prescot	Liverpool	0.0	0.0	0.0	1.3	0.0	0.0
BPT07	Prescot	Liverpool	0.0	0.0	0.0	9.5	0.0	0.0
BPT08	Prescot	Liverpool	0.0	0.0	0.0	2.6	0.0	0.0
BPT09	Prescot	Liverpool	0.0	0.0	0.0	0.0	0.0	0.0
BPT10	Prescot	Liverpool	0.0	0.8	0.0	63.6	0.0	0.0
BPT11	Prescot	Liverpool	0.0	0.0	0.0	77.9	0.0	0.0
BPT12	Prescot	Liverpool	0.0	0.0	0.0	70.6	0.0	0.0
BPT13	Prescot	Liverpool	0.0	6.7	0.0	51.7	0.0	0.0
BPT14	Prescot	Liverpool	0.0	0.0	0.0	50.5	0.0	0.0
BRF01	Rainford	Liverpool	0.0	0.8	0.0	25.4	0.0	0.0
BRF03	Rainford	Liverpool	0.0	2.3	0.0	46.8	0.0	0.0
BRF04	Rainford	Liverpool	0.0	0.2	0.0	37.5	0.0	0.0
BRF05	Rainford	Liverpool	0.0	0.1	0.0	13.2	0.0	0.0
BRF06	Rainford	Liverpool	0.0	21.2	0.0	85.5	0.0	0.0
BRF07	Rainford	Liverpool	3.7	0.0	0.1	0.9	0.7	0.0
BRF08	Rainford	Liverpool	0.0	0.1	0.0	78.9	0.0	0.0
BRF09	Rainford	Liverpool	0.0	1.4	0.0	88.9	0.0	0.0
BRF10	Rainford	Liverpool	0.0	0.2	0.0	59.8	0.0	0.0
BRF11	Rainford	Liverpool	0.0	11.5	0.0	85.2	0.0	0.0
BRF12	Rainford	Liverpool	0.0	0.1	0.0	43.4	0.0	0.0
BRF13	Rainford	Liverpool	0.0	0.1	0.0	81.9	0.0	0.0
BRF14	Rainford	Liverpool	0.0	0.0	0.0	1.0	0.0	0.0
BRFO2	Rainford	Liverpool	0.0	0.9	0.0	43.6	0.0	0.0

Sample ID	Site	Production Zone	Alexandria	Buckley	Ches.		London	NC
					Tidewater	Liverpool	Area	Piedmont
LHA01	Latton Ridding	London Area	0.0	0.0	0.0	0.0	62.3	0.0
LHA02	Latton Ridding	London Area	0.0	0.0	0.0	0.0	18.0	0.0
LHA03	Latton Ridding	London Area	0.0	0.0	0.0	0.0	88.2	0.0
LHA04	Latton Ridding	London Area	0.0	0.0	0.0	0.0	97.6	0.0
LHA05	Latton Ridding	London Area	0.0	0.0	0.0	0.0	85.5	0.0
LHA06	Latton Ridding	London Area	0.0	0.0	0.0	0.0	99.3	0.0
LHA09	Latton Ridding	London Area	0.0	0.0	0.0	0.0	66.9	0.0
LHA10	Latton Ridding	London Area	0.0	0.0	0.0	0.0	98.8	0.0
LHA11	Latton Ridding	London Area	0.0	0.0	0.0	0.0	99.2	0.0
LHA12	Latton Ridding	London Area	0.0	0.0	0.0	0.0	61.7	0.0
LHA13	Latton Ridding	London Area	0.0	0.0	0.0	0.0	99.1	0.0
LHB01	Mill Street	London Area	0.0	0.0	0.0	0.0	72.5	0.0
LHB02	Mill Street	London Area	0.0	0.0	0.0	0.0	91.6	0.0
LHB03	Mill Street	London Area	0.0	0.0	0.0	0.0	99.6	0.0
LHB04	Mill Street	London Area	0.0	0.0	0.0	0.0	65.0	0.0
LHB05	Mill Street	London Area	0.0	0.0	0.0	0.0	97.7	0.0
LHB06	Mill Street	London Area	0.0	0.0	0.0	0.0	98.3	0.0
LHB07	Mill Street	London Area	0.0	0.0	0.0	0.0	98.4	0.0
LHB08	Mill Street	London Area	0.0	0.0	0.0	0.0	94.5	0.0
LHB09	Mill Street	London Area	0.0	0.0	0.0	0.0	94.9	0.0
LHB10	Mill Street	London Area	0.0	0.0	0.0	0.0	1.0	0.0
LHB11	Mill Street	London Area	0.0	0.0	0.0	0.0	99.3	0.0
LHB12	Mill Street	London Area	0.0	0.0	0.0	0.0	97.3	0.0
LHC01	Carters Mead	London Area	0.0	0.0	0.0	0.0	89.6	0.0
LHC02	Carters Mead	London Area	0.0	0.0	0.0	0.0	97.2	0.0
LHC03	Carters Mead	London Area	0.0	0.0	0.0	0.0	85.4	0.0
LHC04	Carters Mead	London Area	0.0	0.0	0.0	0.0	98.8	0.0
LHD01	Scout Hall	London Area	0.0	0.0	0.0	0.0	69.6	0.0
LHD02	Scout Hall	London Area	0.0	0.0	0.0	0.0	97.8	0.0
LHD03	Scout Hall	London Area	0.0	0.0	0.0	0.0	0.1	0.0
LHD04	Scout Hall	London Area	0.0	0.0	0.0	0.0	43.0	0.0
LHD05	Scout Hall	London Area	0.0	0.0	0.0	0.0	8.2	0.0
LHD06	Scout Hall	London Area	0.0	0.0	0.0	0.0	76.8	0.0
LHD07	Scout Hall	London Area	0.0	0.0	0.0	0.0	100.0	0.0
LHD08	Scout Hall	London Area	0.0	0.0	0.0	0.0	7.1	0.0
LHD09	Scout Hall	London Area	0.0	0.0	0.0	0.0	0.0	0.0
LHD10	Scout Hall	London Area	0.0	0.0	0.0	0.0	88.1	0.0
LHD11	Scout Hall	London Area	0.0	0.0	0.0	0.0	90.5	0.0
LHD12	Scout Hall	London Area	0.0	0.0	0.0	0.0	91.2	0.0
LHD13	Scout Hall	London Area	0.0	0.0	0.0	0.0	51.2	0.0
LHD14	Scout Hall	London Area	0.0	0.0	0.0	0.0	92.2	0.0

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
LWW01	Woolwich	London Area	0.0	0.0	0.0	0.0	16.1	0.0
LWW02	Woolwich	London Area	0.0	0.0	0.0	0.0	97.4	0.0
LWW03	Woolwich	London Area	0.0	0.0	0.0	0.0	83.3	0.0
LWW04	Woolwich	London Area	0.0	0.0	0.0	0.0	11.7	0.0
LWW05	Woolwich	London Area	0.0	0.0	0.0	0.0	39.7	0.0
LWW06	Woolwich	London Area	0.0	0.0	0.0	0.0	98.7	0.0
LWW07	Woolwich	London Area	0.0	0.0	0.0	0.0	0.3	0.0
LWW08	Woolwich	London Area	0.0	0.0	0.0	0.0	83.7	0.0
LWW09	Woolwich	London Area	0.0	0.0	0.0	0.0	93.5	0.0
LWW10	Woolwich	London Area	0.0	0.0	0.0	0.0	66.0	0.0
LWW11	Woolwich	London Area	0.0	0.0	0.0	0.0	79.6	0.0
LWW12	Woolwich	London Area	0.0	0.0	0.0	0.0	25.7	0.0
LWW13	Woolwich	London Area	0.0	0.0	0.0	0.0	82.7	0.0
LWW14	Woolwich	London Area	0.0	0.0	0.0	0.0	86.9	0.0
LWW15	Woolwich	London Area	0.0	0.0	0.0	0.0	92.1	0.0
PSR01	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR02	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR03	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR04	Sycolin Road	N. VA Piedmont	0.0	0.0	0.1	0.0	0.0	0.0
PSR05	Sycolin Road	N. VA Piedmont	0.0	0.0	0.1	0.0	0.0	0.0
PSR06	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR07	Sycolin Road	N. VA Piedmont	0.0	0.0	9.8	0.0	0.0	0.0
PSR08	Sycolin Road	N. VA Piedmont	8.9	0.0	71.0	0.0	0.6	0.0
PSR09	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR10	Sycolin Road	N. VA Piedmont	0.0	0.0	3.3	0.0	0.0	0.0
PSR11	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR12	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR13	Sycolin Road	N. VA Piedmont	0.0	0.0	0.3	0.0	0.0	0.0
PSR14	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
PSR18	Sycolin Road	N. VA Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NHL01	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	18.8
NHL02	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.2
NHL03	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NHL04	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	6.5
NHL05	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NHL06	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	1.8
NHL07	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	65.8
NHL08	Henry Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NJL01	Joseph Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NJL02	Joseph Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	1.2
NJL03	Joseph Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
NJL04	Joseph Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	6.2
NJL05	Joseph Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	2.5
NSL01	Solomon Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	12.9
NSL02	Solomon Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	13.7
NSL03	Solomon Loy	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NWD01	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	60.6
NWD02	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NWD03	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
NWD04	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	9.3
NWD05	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	19.4
NWD06	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.4
NWD07	Dennis	NC Piedmont	0.0	0.0	0.0	0.0	0.0	0.0
YTM01	Topham Miller	Philadelphia	0.0	0.0	2.1	0.0	0.0	0.0
YTM02	Topham Miller	Philadelphia	0.0	0.0	0.2	0.0	0.0	0.0
YTM03	Topham Miller	Philadelphia	0.0	0.0	0.1	0.0	0.0	0.0
YTM04	Topham Miller	Philadelphia	18.7	0.0	87.6	0.0	3.8	0.0
YTM05	Topham Miller	Philadelphia	0.0	0.0	0.4	0.0	0.0	0.0
YTM06	Topham Miller	Philadelphia	0.0	0.0	0.7	0.0	0.0	0.0
YTM07	Topham Miller	Philadelphia	0.1	0.0	1.2	0.0	0.0	0.0
YTM08	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM09	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM10	Topham Miller	Philadelphia	0.0	0.0	2.5	0.0	0.0	0.0
YTM11	Topham Miller	Philadelphia	0.1	0.0	19.3	0.0	0.0	0.0
YTM12	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM13	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM14	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM15	Topham Miller	Philadelphia	0.0	0.0	0.0	0.0	0.0	0.0
YTM16	Topham Miller	Philadelphia	0.0	0.0	4.8	0.0	0.0	0.0
YTM17	Topham Miller	Philadelphia	0.0	0.0	0.2	0.0	0.0	0.0
YTM18	Topham Miller	Philadelphia	0.0	0.0	0.8	0.0	0.0	0.0
YTM19	Topham Miller	Philadelphia	13.5	18.4	2.9	0.5	93.9	0.0
YTM20	Topham Miller	Philadelphia	70.0	25.2	17.3	6.0	96.3	0.0
SFC01	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC02	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC03	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC04	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC05	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC06	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC07	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC08	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC09	Fincastle	S. Ridge & Valley	66.6	0.1	9.5	0.0	1.4	0.0

Sample ID	N. VA Piedmont	Philadelphia	Shen. Valley	S. Ridge & Valley	Staffordshire	Surrey- Hamp.	New Zone	Assignment
NJL04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NJL05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NSL01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NSL02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NSL03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
NWD07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NC Piedmont
YTM01	0.1	99.4	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM02	1.1	94.8	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM03	0.0	49.2	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM04	2.1	29.9	11.6	0.1	1.8	0.0	0.0	Unassigned
YTM05	0.3	94.5	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM06	0.0	95.6	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM07	0.0	70.4	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned
YTM09	0.1	6.8	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM10	0.0	56.3	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM11	0.1	69.7	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM12	0.1	91.8	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM13	1.7	63.7	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM14	9.6	32.3	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM15	0.0	34.1	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM16	0.0	32.3	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM17	0.0	59.1	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM18	0.1	67.4	0.0	0.0	0.0	0.0	0.0	Philadelphia
YTM19	0.1	0.8	19.8	0.2	0.1	1.5	0.0	Unassigned
YTM20	0.1	4.1	26.6	0.6	0.3	27.3	0.0	Unassigned
SFC01	0.0	0.0	0.0	20.4	0.0	0.0	0.0	S. Ridge & Valley
SFC02	0.0	0.0	0.0	35.5	0.0	0.0	0.0	S. Ridge & Valley
SFC03	0.0	0.0	0.0	1.8	0.0	0.0	0.0	S. Ridge & Valley
SFC04	0.0	0.0	0.0	90.8	0.0	0.0	0.0	S. Ridge & Valley
SFC05	0.0	0.0	0.0	80.1	0.0	0.0	0.0	S. Ridge & Valley
SFC06	0.0	0.0	0.0	22.9	0.0	0.0	0.0	S. Ridge & Valley
SFC07	0.0	0.0	0.0	2.8	0.0	0.0	0.0	S. Ridge & Valley
SFC08	0.0	0.0	0.0	12.8	0.0	0.0	0.0	S. Ridge & Valley
SFC09	11.4	11.6	67.5	1.6	1.7	0.1	0.0	Unassigned

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
SFC10	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC11	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC12	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC13	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFC14	Fincastle	S. Ridge & Valley	0.0	0.0	0.0	0.0	0.0	0.0
SAB01	Baecher	Shen. Valley	0.2	0.0	0.0	0.0	0.0	0.0
SAB02	Baecher	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SAB03	Baecher	Shen. Valley	1.2	0.0	0.0	0.0	0.0	0.0
SAB04	Baecher	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SAB05	Baecher	Shen. Valley	47.6	0.0	3.3	0.0	0.0	0.0
SAB06	Baecher	Shen. Valley	8.1	0.0	0.7	0.0	0.0	0.0
SAB07	Baecher	Shen. Valley	0.4	0.0	0.0	0.0	0.0	0.0
SAB08	Baecher	Shen. Valley	0.9	0.0	0.0	0.0	0.0	0.0
SAB09	Baecher	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SAB10	Baecher	Shen. Valley	0.2	0.0	0.0	0.0	0.0	0.0
SAB11	Baecher	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SAB12	Baecher	Shen. Valley	0.8	0.0	0.0	0.0	0.0	0.0
SAB13	Baecher	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SAP01	Andrew Pitman	Shen. Valley	7.0	0.0	0.1	0.0	0.0	0.0
SAP02	Andrew Pitman	Shen. Valley	45.5	0.0	2.3	0.0	0.0	0.0
SAP03	Andrew Pitman	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SAP04	Andrew Pitman	Shen. Valley	14.5	0.0	0.8	0.0	0.0	0.0
SAP05	Andrew Pitman	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SAP06	Andrew Pitman	Shen. Valley	3.1	0.0	0.0	0.0	0.0	0.0
SAP07	Andrew Pitman	Shen. Valley	29.8	0.0	1.3	0.0	0.0	0.0
SAP08	Andrew Pitman	Shen. Valley	2.3	0.0	0.1	0.0	0.0	0.0
SAP09	Andrew Pitman	Shen. Valley	15.4	0.0	4.5	0.0	0.0	0.0
SAP10	Andrew Pitman	Shen. Valley	1.0	0.0	0.0	0.0	0.0	0.0
SAP11	Andrew Pitman	Shen. Valley	1.9	0.0	0.0	0.0	0.0	0.0
SAP12	Andrew Pitman	Shen. Valley	11.9	0.0	0.4	0.0	0.0	0.0
SAP13	Andrew Pitman	Shen. Valley	98.4	5.6	80.7	2.4	52.3	0.0
SAP14	Andrew Pitman	Shen. Valley	0.3	0.0	0.0	0.0	0.0	0.0
SAP15	Andrew Pitman	Shen. Valley	96.4	1.0	76.1	0.0	54.9	0.0
SAP16	Andrew Pitman	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB01	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB02	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB03	Firebaugh	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SFB04	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB05	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB06	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB07	Firebaugh	Shen. Valley	5.7	0.0	3.2	0.0	0.0	0.0

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-Hamp.	New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire	Valley			
SFC10	0.0	0.0	0.0	99.1	0.0	0.0	0.0	S. Ridge & Valley
SFC11	0.0	0.0	0.0	4.3	0.0	0.0	0.0	S. Ridge & Valley
SFC12	0.0	0.0	0.0	21.2	0.0	0.0	0.0	S. Ridge & Valley
SFC13	0.0	0.0	0.0	90.0	0.0	0.0	0.0	S. Ridge & Valley
SFC14	0.0	0.0	0.0	3.0	0.0	0.0	0.0	S. Ridge & Valley
SAB01	0.0	0.0	63.3	0.0	0.0	0.0	0.0	Shen. Valley
SAB02	0.0	0.0	93.4	0.0	0.0	0.0	0.0	Shen. Valley
SAB03	0.0	0.0	88.2	0.0	0.0	0.0	0.0	Shen. Valley
SAB04	0.0	0.0	29.2	0.0	0.0	0.0	0.0	Shen. Valley
SAB05	0.0	0.0	72.9	0.0	0.0	0.0	0.0	Shen. Valley
SAB06	0.0	0.0	77.2	0.0	0.0	0.0	0.0	Shen. Valley
SAB07	0.0	0.0	64.5	0.0	0.0	0.0	0.0	Shen. Valley
SAB08	0.0	0.0	89.3	0.0	0.0	0.0	0.0	Shen. Valley
SAB09	0.0	0.0	94.9	0.0	0.0	0.0	0.0	Shen. Valley
SAB10	0.0	0.0	92.0	0.0	0.0	0.0	0.0	Shen. Valley
SAB11	0.0	0.0	1.5	0.0	0.0	0.0	0.0	Shen. Valley
SAB12	0.0	0.0	74.8	0.0	0.0	0.0	0.0	Shen. Valley
SAB13	0.0	0.0	59.2	0.0	0.0	0.0	0.0	Shen. Valley
SAP01	0.0	0.0	42.2	0.0	0.0	0.0	0.0	Shen. Valley
SAP02	0.0	0.1	82.6	0.0	0.0	0.0	0.0	Shen. Valley
SAP03	0.0	0.0	1.8	0.0	0.0	0.0	0.0	Shen. Valley
SAP04	0.0	0.0	68.1	0.0	0.0	0.0	0.0	Shen. Valley
SAP05	0.0	0.0	4.8	0.0	0.0	0.0	0.0	Shen. Valley
SAP06	0.0	0.0	28.2	0.0	0.0	0.0	0.0	Shen. Valley
SAP07	0.0	0.0	50.0	0.0	0.0	0.0	0.0	Shen. Valley
SAP08	0.0	0.0	44.4	0.0	0.0	0.0	0.0	Shen. Valley
SAP09	0.0	0.0	24.7	0.0	0.0	0.0	0.0	Shen. Valley
SAP10	0.0	0.0	78.3	0.0	0.0	0.0	0.0	Shen. Valley
SAP11	0.0	0.0	86.7	0.0	0.0	0.0	0.0	Shen. Valley
SAP12	0.0	0.0	78.7	0.0	0.0	0.0	0.0	Shen. Valley
SAP13	26.0	53.3	99.6	2.2	8.5	1.5	0.0	Unassigned
SAP14	0.0	0.0	22.2	0.0	0.0	0.0	0.0	Shen. Valley
SAP15	9.7	15.9	96.6	1.2	66.3	0.6	0.0	Unassigned
SAP16	0.0	0.0	0.2	0.0	0.0	0.0	0.0	Shen. Valley
SFB01	0.0	0.0	6.3	0.0	0.0	0.0	0.0	Shen. Valley
SFB02	0.0	0.0	0.8	0.0	0.0	0.0	0.0	Shen. Valley
SFB03	0.0	0.0	28.1	0.0	0.0	0.0	0.0	Shen. Valley
SFB04	0.0	0.0	0.8	0.0	0.0	0.0	0.0	Shen. Valley
SFB05	0.0	0.0	57.6	0.0	0.0	0.0	0.0	Shen. Valley
SFB06	0.0	0.0	1.4	0.0	0.0	0.0	0.0	Shen. Valley
SFB07	0.1	0.6	46.5	0.0	0.0	0.0	0.0	Shen. Valley

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
SFB08	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB09	Firebaugh	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SFB10	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB11	Firebaugh	Shen. Valley	0.5	0.0	0.0	0.0	0.0	0.0
SFB12	Firebaugh	Shen. Valley	0.1	0.0	0.4	0.0	0.0	0.0
SFB13	Firebaugh	Shen. Valley	15.7	0.0	8.2	0.0	0.0	0.0
SFB14	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SFB15	Firebaugh	Shen. Valley	0.0	0.0	0.1	0.0	0.0	0.0
SFB16	Firebaugh	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SHW01	Heatwole	Shen. Valley	0.7	0.0	0.0	0.0	0.0	0.0
SHW02	Heatwole	Shen. Valley	3.6	0.0	0.0	0.0	0.0	0.0
SHW03	Heatwole	Shen. Valley	24.1	0.0	0.3	0.0	0.0	0.0
SHW04	Heatwole	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SHW05	Heatwole	Shen. Valley	11.3	0.0	0.1	0.0	0.0	0.0
SHW06	Heatwole	Shen. Valley	1.6	0.0	0.0	0.0	0.0	0.0
SHW07	Heatwole	Shen. Valley	16.4	0.0	0.0	0.0	0.0	0.0
SHW08	Heatwole	Shen. Valley	23.4	0.0	0.0	0.0	0.0	0.0
SHW09	Heatwole	Shen. Valley	0.9	0.0	0.0	0.0	0.0	0.0
SRB01	Rockbridge	Shen. Valley	16.5	0.0	16.2	0.0	0.0	0.0
SRB02	Rockbridge	Shen. Valley	9.7	0.0	2.4	0.0	0.0	0.0
SRB03	Rockbridge	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SRB04	Rockbridge	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SRB05	Rockbridge	Shen. Valley	0.2	0.0	0.3	0.0	0.0	0.0
SRB06	Rockbridge	Shen. Valley	0.7	0.0	0.4	0.0	0.0	0.0
SRB07	Rockbridge	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SRB08	Rockbridge	Shen. Valley	1.8	0.0	0.5	0.0	0.0	0.0
SRB09	Rockbridge	Shen. Valley	17.8	0.0	0.0	0.0	0.0	0.0
SRB10	Rockbridge	Shen. Valley	2.4	0.0	0.4	0.0	0.0	0.0
SSU01	Suter	Shen. Valley	0.4	0.0	0.0	0.0	0.0	0.0
SSU02	Suter	Shen. Valley	0.2	0.0	1.1	0.0	0.0	0.0
SSU03	Suter	Shen. Valley	1.9	0.0	0.4	0.0	0.0	0.0
SSU04	Suter	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
SSU05	Suter	Shen. Valley	0.4	0.0	0.0	0.0	0.0	0.0
SSU06	Suter	Shen. Valley	0.2	0.0	0.0	0.0	0.0	0.0
SSU07	Suter	Shen. Valley	0.1	0.0	0.0	0.0	0.0	0.0
SSU08	Suter	Shen. Valley	0.0	0.0	0.0	0.0	0.0	0.0
MSB01	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB02	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB03	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB04	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB05	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-Hamp.	New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire				
SFB08	0.0	0.0	19.4	0.0	0.0	0.0	0.0	Shen. Valley
SFB09	0.0	0.0	80.5	0.0	0.0	0.0	0.0	Shen. Valley
SFB10	0.0	0.0	17.8	0.0	0.0	0.0	0.0	Shen. Valley
SFB11	0.0	0.0	32.3	0.0	0.0	0.0	0.0	Shen. Valley
SFB12	0.0	0.0	26.4	0.0	0.0	0.0	0.0	Shen. Valley
SFB13	0.0	0.0	91.8	0.0	0.0	0.0	0.0	Shen. Valley
SFB14	0.0	0.0	19.2	0.0	0.0	0.0	0.0	Shen. Valley
SFB15	0.0	0.0	57.9	0.0	0.0	0.0	0.0	Shen. Valley
SFB16	0.0	0.0	3.4	0.0	0.0	0.0	0.0	Shen. Valley
SHW01	0.0	0.0	50.3	0.0	0.0	0.0	0.0	Shen. Valley
SHW02	0.0	0.0	5.6	0.0	0.0	0.0	0.0	Shen. Valley
SHW03	0.0	0.0	94.5	0.0	0.0	0.0	0.0	Shen. Valley
SHW04	0.0	0.0	0.6	0.0	0.0	0.0	0.0	Shen. Valley
SHW05	0.0	0.0	40.2	0.0	0.0	0.0	0.0	Shen. Valley
SHW06	0.0	0.0	94.1	0.0	0.0	0.0	0.0	Shen. Valley
SHW07	0.0	0.0	56.0	0.0	0.0	0.0	0.0	Shen. Valley
SHW08	0.0	0.0	62.0	0.0	0.0	0.0	0.0	Shen. Valley
SHW09	0.0	0.0	60.9	0.0	0.0	0.0	0.0	Shen. Valley
SRB01	0.0	0.0	91.1	0.0	0.0	0.0	0.0	Shen. Valley
SRB02	0.0	0.0	99.2	0.0	0.0	0.0	0.0	Shen. Valley
SRB03	0.0	0.0	66.1	0.0	0.0	0.0	0.0	Shen. Valley
SRB04	0.0	0.0	18.7	0.0	0.0	0.0	0.0	Shen. Valley
SRB05	0.0	0.0	32.4	0.0	0.1	0.0	0.0	Shen. Valley
SRB06	0.0	0.0	83.6	0.0	0.0	0.0	0.0	Shen. Valley
SRB07	0.0	0.0	57.1	0.0	0.0	0.0	0.0	Shen. Valley
SRB08	0.0	0.0	86.6	0.0	0.0	0.0	0.0	Shen. Valley
SRB09	0.0	0.0	65.3	0.0	0.0	0.0	0.0	Shen. Valley
SRB10	0.0	0.0	13.6	0.0	0.0	0.0	0.0	Shen. Valley
SSU01	0.0	0.0	99.4	0.0	0.0	0.0	0.0	Shen. Valley
SSU02	0.0	0.0	90.1	0.0	0.0	0.0	0.0	Shen. Valley
SSU03	0.0	0.0	97.1	0.0	0.0	0.0	0.0	Shen. Valley
SSU04	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Shen. Valley
SSU05	0.0	0.0	98.6	0.0	0.0	0.0	0.0	Shen. Valley
SSU06	0.0	0.0	92.8	0.0	0.0	0.0	0.0	Shen. Valley
SSU07	0.0	0.0	88.9	0.0	0.0	0.0	0.0	Shen. Valley
SSU08	0.0	0.0	8.9	0.0	0.0	0.0	0.0	Shen. Valley
MSB01	0.0	0.0	0.0	0.0	99.5	0.0	0.0	Staffordshire
MSB02	0.0	0.0	0.0	0.0	15.3	0.0	0.0	Staffordshire
MSB03	0.0	0.0	0.0	0.0	71.3	0.0	0.0	Staffordshire
MSB04	0.0	0.0	0.0	0.0	95.7	0.0	0.0	Staffordshire
MSB05	0.0	0.0	0.0	0.0	98.4	0.0	0.0	Staffordshire

Sample ID	Site	Production Zone	Ches.				London	NC
			Alexandria	Buckley	Tidewater	Liverpool	Area	Piedmont
MSB06	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB07	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB08	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB09	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB10	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB11	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB12	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB13	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB14	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB15	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB16	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB17	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
MSB18	Swan Bank	Staffordshire	0.0	0.0	0.0	0.0	0.0	0.0
LFH01	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH02	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH03	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH04	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH05	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH06	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH07	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH08	Farnborough	Surrey-Hamp.	26.4	0.0	10.2	0.0	9.6	0.0
LFH09	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH10	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH11	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH12	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH13	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH14	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH15	Farnborough	Surrey-Hamp.	48.9	0.0	31.5	0.0	0.7	0.0
LFH16	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH17	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH18	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH19	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0
LFH20	Farnborough	Surrey-Hamp.	0.0	0.0	0.0	0.0	0.0	0.0

Sample ID	N. VA Piedmont	Philadelphia	Shen. Valley	S. Ridge & Valley	Staffordshire	Surrey- Hamp.	New Zone	Assignment
MSB06	0.0	0.0	0.0	0.0	72.9	0.0	0.0	Staffordshire
MSB07	0.0	0.0	0.0	0.0	66.4	0.0	0.0	Staffordshire
MSB08	0.0	0.0	0.0	0.0	97.2	0.0	0.0	Staffordshire
MSB09	0.0	0.0	0.0	0.0	95.3	0.0	0.0	Staffordshire
MSB10	0.0	0.0	0.0	0.0	94.7	0.0	0.0	Staffordshire
MSB11	0.0	0.0	0.0	0.0	37.3	0.0	0.0	Staffordshire
MSB12	0.0	0.0	0.0	0.0	73.4	0.0	0.0	Staffordshire
MSB13	0.0	0.0	0.0	0.0	38.8	0.0	0.0	Staffordshire
MSB14	0.0	0.0	0.0	0.0	75.4	0.0	0.0	Staffordshire
MSB15	0.0	0.0	0.0	0.0	63.5	0.0	0.0	Staffordshire
MSB16	0.0	0.0	0.0	0.0	83.5	0.0	0.0	Staffordshire
MSB17	0.0	0.0	0.0	0.0	60.2	0.0	0.0	Staffordshire
MSB18	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Staffordshire
LFH01	0.0	0.0	0.0	0.0	0.0	61.1	0.0	Surrey-Hamp.
LFH02	0.0	0.0	0.0	0.0	0.0	21.6	0.0	Surrey-Hamp.
LFH03	0.0	0.0	0.0	0.0	0.0	0.3	0.0	Surrey-Hamp.
LFH04	0.0	0.0	0.0	0.0	0.0	1.2	0.0	Surrey-Hamp.
LFH05	0.0	0.0	0.0	0.0	0.0	15.1	0.0	Surrey-Hamp.
LFH06	0.0	0.0	0.0	0.0	0.0	87.9	0.0	Surrey-Hamp.
LFH07	0.0	0.0	0.0	0.0	0.0	38.0	0.0	Surrey-Hamp.
LFH08	55.1	2.7	67.6	0.0	21.1	0.4	0.0	Unassigned
LFH09	0.0	0.0	0.0	0.0	0.0	1.3	0.0	Surrey-Hamp.
LFH10	0.0	0.0	0.0	0.0	0.0	9.3	0.0	Surrey-Hamp.
LFH11	0.0	0.0	0.0	0.0	0.0	88.5	0.0	Surrey-Hamp.
LFH12	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Surrey-Hamp.
LFH13	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Surrey-Hamp.
LFH14	0.0	0.0	0.0	0.0	0.0	0.2	0.0	Surrey-Hamp.
LFH15	1.5	0.9	39.3	0.0	78.8	0.2	0.1	Unassigned
LFH16	0.0	0.0	0.0	0.0	0.0	99.0	0.0	Surrey-Hamp.
LFH17	0.0	0.0	0.0	0.0	0.0	97.2	0.0	Surrey-Hamp.
LFH18	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Surrey-Hamp.
LFH19	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Surrey-Hamp.
LFH20	0.0	0.0	0.0	0.0	0.0	56.0	0.0	Surrey-Hamp.

Sample ID	Plantation	Assemblage	Ches.				NC	
			Alexandria	Buckley	Tidewater	Liverpool	London Area	Piedmont
DAQ01	Ashcombs Qtr.	Ashcombs	0.0	0.0	0.0	0.0	0.0	0.0
DAQ02	Ashcombs Qtr.	Ashcombs	26.2	68.9	2.3	84.7	47.2	0.0
DAQ03	Ashcombs Qtr.	Ashcombs	76.0	0.4	85.1	0.0	17.0	0.0
DAQ04	Ashcombs Qtr.	Ashcombs	0.0	0.0	0.0	0.0	0.1	0.0
DAQ05	Ashcombs Qtr.	Ashcombs	96.8	14.4	49.2	7.1	93.0	0.0
DAQ06	Ashcombs Qtr.	Ashcombs	36.1	17.2	13.4	1.0	99.3	0.0
DAQ07	Ashcombs Qtr.	Ashcombs	0.0	0.0	0.2	0.0	0.0	0.0
DAQ08	Ashcombs Qtr.	Ashcombs	0.0	0.0	0.0	0.1	0.1	0.0
DAQ09	Ashcombs Qtr.	Ashcombs	0.2	0.2	0.1	0.0	3.5	0.0
DAQ10	Ashcombs Qtr.	Ashcombs	3.1	0.0	11.8	0.0	7.4	0.0
DAQ11	Ashcombs Qtr.	Ashcombs	95.9	15.2	97.3	1.2	45.8	0.0
DAQ12	Ashcombs Qtr.	Ashcombs	0.4	0.0	8.5	0.0	0.4	0.0
DCP01	Chapline Place	Chapline	5.6	0.7	63.8	0.0	13.5	0.0
DCP02	Chapline Place	Chapline	1.7	1.0	0.0	0.5	1.8	0.0
DCP03	Chapline Place	Chapline	18.3	0.0	2.9	0.0	3.9	0.0
DCP04	Chapline Place	Chapline	93.2	0.3	43.5	0.0	65.2	0.0
DCP05	Chapline Place	Chapline	58.1	1.9	84.3	0.0	26.9	0.0
DCP06	Chapline Place	Chapline	0.0	0.1	0.0	0.0	0.0	0.0
DCP07	Chapline Place	Chapline	66.2	0.3	99.0	0.0	16.7	0.0
DCP08	Chapline Place	Chapline	9.8	17.6	25.5	3.0	32.9	0.0
DCP09	Chapline Place	Chapline	19.7	0.3	81.1	0.0	1.5	0.0
DCP10	Chapline Place	Chapline	3.6	30.7	0.1	3.3	6.6	0.0
DFF01	Fairfield	Midden	50.7	0.0	77.8	0.0	3.5	0.0
DFF02	Fairfield	Midden	64.6	1.0	64.2	0.1	8.3	0.0
DFF03	Fairfield	Midden	11.5	2.2	0.1	1.9	2.2	0.0
DFF04	Fairfield	Midden	0.2	1.4	0.2	0.0	12.7	0.0
DFF05	Fairfield	Midden	0.0	0.0	0.3	0.0	0.0	0.0
DFF06	Fairfield	Midden	86.1	0.0	37.2	0.0	15.0	0.0
DFF07	Fairfield	Midden	41.0	1.5	87.4	0.0	24.1	0.0
DFF08	Fairfield	Midden	51.7	3.7	14.5	0.9	97.2	0.0
DFF09	Fairfield	Midden	0.0	0.0	0.0	0.0	0.0	0.0
DFF10	Fairfield	Midden	71.7	3.5	91.2	0.3	36.2	0.0
DFF11	Fairfield	Midden	9.8	0.0	97.1	0.0	1.3	0.0
DFF12	Fairfield	Midden	13.8	0.0	85.2	0.0	6.0	0.0
DFF13	Fairfield	Midden	6.7	0.0	77.6	0.0	2.3	0.0
DFQ01	Fairfield	Quarter	74.4	0.1	33.4	0.0	5.2	0.0
DFQ02	Fairfield	Quarter	0.4	0.0	0.2	0.0	1.5	0.0
DFQ03	Fairfield	Quarter	0.2	0.0	0.3	0.0	0.8	0.0
DFQ04	Fairfield	Quarter	78.4	1.5	95.4	0.4	59.0	0.0
DFQ05	Fairfield	Quarter	63.6	0.0	17.6	0.0	5.7	0.0
DFQ06	Fairfield	Quarter	74.3	5.2	3.3	4.1	75.9	0.0

Sample ID	N. VA		S. Ridge &		Surrey-		New Zone	Assignment
	Piedmont	Philadelphia	Shen. Valley	Valley	Staffordshire	Hamp.		
DAQ01	0.1	22.5	0.0	0.0	0.0	0.0	0.0	Philadelphia
DAQ02	0.0	1.9	19.3	0.2	0.0	0.6	0.0	Liverpool
DAQ03	64.5	99.9	63.4	0.3	2.5	0.4	0.0	Philadelphia
DAQ04	0.0	3.0	0.0	0.0	0.0	0.0	0.0	Philadelphia
DAQ05	3.6	17.0	90.2	0.8	2.2	1.6	0.0	Alexandria
DAQ06	3.2	12.2	57.4	0.3	0.5	1.8	0.0	London Area
DAQ07	1.3	0.1	0.0	0.0	0.0	0.0	0.0	N. VA Piedmont
DAQ08	0.0	0.1	0.0	0.0	0.0	0.0	0.0	Unassigned
DAQ09	0.5	34.5	0.4	0.0	0.0	0.0	0.0	Philadelphia
DAQ10	1.9	47.3	5.7	0.2	0.1	0.0	0.0	Philadelphia
DAQ11	6.2	60.6	83.2	2.0	3.9	3.2	0.0	Ches. Tidewater
DAQ12	0.0	0.0	0.2	0.0	0.0	5.7	0.0	Ches. Tidewater
DCP01	89.6	77.3	48.8	0.1	4.8	0.2	0.0	N. VA Piedmont
DCP02	0.0	0.0	0.2	0.0	0.0	82.2	0.0	Surrey-Hamp.
DCP03	0.5	2.1	8.8	1.0	8.0	0.0	0.0	Alexandria
DCP04	7.2	18.9	76.0	1.1	37.4	0.2	0.0	Alexandria
DCP05	66.7	95.6	69.2	0.7	62.7	0.5	0.0	Philadelphia
DCP06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned
DCP07	51.7	96.2	49.3	0.2	22.7	0.8	0.0	Ches. Tidewater
DCP08	4.2	52.7	25.7	9.6	0.0	0.4	0.0	Philadelphia
DCP09	0.7	66.1	6.8	0.4	2.4	0.0	0.0	Ches. Tidewater
DCP10	0.0	0.0	0.5	0.2	0.0	12.4	0.0	Buckley
DFF01	0.5	5.4	18.0	0.0	7.1	1.8	0.0	Ches. Tidewater
DFF02	50.2	96.3	48.8	0.5	1.4	12.4	0.0	Philadelphia
DFF03	0.0	0.0	1.0	0.1	0.0	74.5	0.0	Surrey-Hamp.
DFF04	0.1	7.6	0.6	0.0	0.0	0.0	0.0	London Area
DFF05	1.8	0.5	0.0	0.0	0.9	0.0	2.3	New Zone
DFF06	12.1	17.2	51.5	2.1	48.8	1.8	0.0	Alexandria
DFF07	15.8	71.0	43.5	0.6	7.7	1.3	0.0	Ches. Tidewater
DFF08	7.7	4.5	69.3	0.9	4.0	21.3	0.0	London Area
DFF09	0.0	0.0	0.0	0.0	0.0	0.0	34.9	New Zone
DFF10	1.4	42.6	61.1	2.3	7.0	0.8	0.0	Ches. Tidewater
DFF11	6.4	8.5	19.0	0.0	12.2	0.2	0.0	Ches. Tidewater
DFF12	22.6	9.3	37.0	0.0	60.4	0.5	0.0	Ches. Tidewater
DFF13	23.0	5.5	22.0	0.0	28.6	0.3	0.0	Ches. Tidewater
DFQ01	1.6	8.9	26.1	1.1	4.9	50.5	0.0	Alexandria
DFQ02	1.4	50.5	0.3	0.1	0.0	0.0	0.0	Philadelphia
DFQ03	0.7	45.3	0.2	0.2	0.0	0.0	0.0	Philadelphia
DFQ04	28.8	21.5	90.1	0.6	4.8	27.0	0.0	Ches. Tidewater
DFQ05	7.6	8.0	24.7	0.1	41.1	0.0	0.1	Alexandria
DFQ06	1.0	4.3	45.8	0.6	0.5	5.7	0.0	London Area

Sample ID	Plantation	Assemblage	Ches.					NC	
			Alexandria	Buckley	Tidewater	Liverpool	London Area	Piedmont	
DFQ07	Fairfield	Quarter	0.0	0.0	0.0	0.0	0.0	0.0	
DFQ08	Fairfield	Quarter	7.2	0.0	12.6	0.0	0.0	0.0	
DFQ09	Fairfield	Quarter	0.0	20.5	0.0	0.2	0.0	0.0	
DFQ10	Fairfield	Quarter	8.7	3.5	0.5	0.2	3.7	0.0	
DHF01	Mount Vernon	House for Families	0.0	35.6	0.0	91.8	1.3	0.0	
DHF02	Mount Vernon	House for Families	61.2	0.8	40.9	0.0	13.7	0.0	
DHF03	Mount Vernon	House for Families	0.0	0.0	0.0	0.0	1.4	0.0	
DHF04	Mount Vernon	House for Families	24.9	0.0	49.6	0.0	4.5	0.0	
DHF05	Mount Vernon	House for Families	0.0	0.0	0.0	38.2	0.0	0.0	
DHF06	Mount Vernon	House for Families	33.1	34.8	6.2	44.6	98.8	0.0	
DKQ01	Kings Reach	Quarter	0.3	6.4	0.2	0.1	1.4	0.0	
DKQ02	Kings Reach	Quarter	0.8	0.0	0.8	0.0	0.0	0.0	
DKQ03	Kings Reach	Quarter	21.7	0.7	93.6	0.0	12.8	0.0	
DKQ04	Kings Reach	Quarter	1.2	0.0	1.0	0.0	0.0	0.0	
DKQ05	Kings Reach	Quarter	28.3	58.3	25.0	3.3	29.7	0.0	
DKQ06	Kings Reach	Quarter	38.0	0.1	29.8	0.0	2.4	0.0	
DKQ07	Kings Reach	Quarter	0.0	29.3	0.0	98.3	1.7	0.0	
DKQ08	Kings Reach	Quarter	30.7	3.6	61.4	0.0	21.1	0.0	
DKR01	Kings Reach	Main	66.8	0.1	78.5	0.0	4.6	0.0	
DKR02	Kings Reach	Main	43.7	0.0	1.3	0.0	2.0	0.0	
DKR03	Kings Reach	Main	85.9	7.1	81.0	0.7	33.8	0.0	
DKR04	Kings Reach	Main	2.3	70.5	0.1	99.4	9.6	0.0	
DKR05	Kings Reach	Main	16.1	56.6	2.7	6.7	11.0	0.0	
DKR06	Kings Reach	Main	2.6	0.2	0.7	0.0	5.1	0.0	
DKR07	Kings Reach	Main	0.0	0.0	0.0	0.0	0.0	0.0	
DKR08	Kings Reach	Main	28.3	51.3	9.2	5.0	29.2	0.0	
DKR09	Kings Reach	Main	2.5	0.0	68.4	0.0	0.0	0.0	
DKR10	Kings Reach	Main	25.3	50.3	0.6	84.1	17.1	0.0	
DKR11	Kings Reach	Main	38.0	18.6	15.7	13.7	99.6	0.0	
DKR12	Kings Reach	Main	79.1	4.7	15.9	3.1	97.9	0.0	
DMY01	NAVAIR	Mattapany	14.5	0.2	94.8	0.0	8.0	0.0	
DMY02	NAVAIR	Mattapany	73.9	0.0	97.2	0.0	6.2	0.0	
DMY03	NAVAIR	Mattapany	0.2	0.0	33.4	0.0	0.4	0.0	
DMY04	NAVAIR	Mattapany	75.0	0.0	80.0	0.0	6.5	0.0	
DNV01	NAVAIR	NAVAIR	7.6	0.0	2.0	0.0	0.1	0.0	
DNV02	NAVAIR	NAVAIR	82.2	1.0	99.3	0.0	14.8	0.0	
DNV03	NAVAIR	NAVAIR	0.0	0.3	0.2	0.0	4.5	0.0	
DNV04	NAVAIR	NAVAIR	0.0	0.0	0.1	0.0	0.0	0.0	
DNV05	NAVAIR	NAVAIR	0.0	0.0	0.0	0.0	0.0	0.0	
DNV06	NAVAIR	NAVAIR	0.1	0.0	0.5	0.0	0.0	0.0	
DNV07	NAVAIR	NAVAIR	17.6	0.0	42.2	0.0	0.4	0.0	

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-Hamp.		New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire	Staffordshire	Hamp.			
DFQ07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned
DFQ08	0.7	0.5	2.2	0.0	99.1	0.0	0.1	0.1	Staffordshire
DFQ09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Buckley
DFQ10	0.0	0.2	1.1	0.0	0.0	76.6	0.0	0.0	Surrey-Hamp.
DHF01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Liverpool
DHF02	0.4	4.5	37.1	0.1	18.9	2.4	0.0	0.0	Alexandria
DHF03	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	London Area
DHF04	79.9	90.5	37.8	0.1	32.8	0.0	0.1	0.1	Philadelphia
DHF05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Liverpool
DHF06	0.2	0.9	46.5	5.0	0.1	21.8	0.0	0.0	London Area
DKQ01	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	Surrey-Hamp.
DKQ02	0.0	0.0	0.1	0.0	0.7	0.0	0.8	0.8	New Zone
DKQ03	0.2	8.8	24.7	1.9	1.0	6.8	0.0	0.0	Ches. Tidewater
DKQ04	13.2	1.1	1.5	0.0	64.6	0.0	8.7	8.7	Staffordshire
DKQ05	0.2	2.1	26.7	4.7	0.2	91.4	0.0	0.0	Surrey-Hamp.
DKQ06	1.2	11.1	6.9	0.0	8.6	16.5	0.0	0.0	Alexandria
DKQ07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Liverpool
DKQ08	2.8	8.3	32.8	1.8	33.7	55.7	0.0	0.0	Ches. Tidewater
DKR01	33.8	33.4	59.6	0.0	92.2	0.4	0.0	0.0	Staffordshire
DKR02	3.8	0.9	18.3	0.0	4.5	0.0	0.0	0.0	Alexandria
DKR03	8.0	26.3	71.4	1.5	7.2	90.6	0.0	0.0	Surrey-Hamp.
DKR04	0.0	0.0	4.0	0.0	0.0	0.3	0.0	0.0	Liverpool
DKR05	0.0	0.3	5.5	0.2	0.0	52.0	0.0	0.0	Buckley
DKR06	0.2	57.7	1.3	0.2	0.0	0.0	0.0	0.0	Philadelphia
DKR07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned
DKR08	0.0	0.4	10.1	0.3	0.0	42.0	0.0	0.0	Buckley
DKR09	4.7	24.1	3.5	0.0	1.3	0.0	0.1	0.1	Ches. Tidewater
DKR10	0.0	0.1	4.4	0.0	0.0	0.7	0.0	0.0	Liverpool
DKR11	0.4	0.8	57.2	0.4	0.4	8.9	0.0	0.0	London Area
DKR12	1.5	2.5	80.6	0.7	2.8	4.0	0.0	0.0	London Area
DMY01	31.4	20.3	41.8	0.0	42.9	0.8	0.0	0.0	Ches. Tidewater
DMY02	39.2	80.4	51.1	0.4	23.4	0.2	0.2	0.2	Ches. Tidewater
DMY03	26.1	2.7	15.8	0.0	7.6	0.1	0.0	0.0	Ches. Tidewater
DMY04	0.1	3.1	24.1	0.0	3.6	0.4	0.0	0.0	Ches. Tidewater
DNV01	1.2	0.8	1.6	0.0	40.5	0.0	7.2	7.2	Staffordshire
DNV02	55.3	72.9	88.8	1.3	8.2	9.7	0.0	0.0	Ches. Tidewater
DNV03	0.7	4.8	0.1	0.0	0.0	0.1	0.0	0.0	Philadelphia
DNV04	0.7	0.3	0.0	0.0	9.3	0.0	4.1	4.1	Staffordshire
DNV05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned
DNV06	0.3	0.8	0.0	0.0	2.6	0.0	36.2	36.2	New Zone
DNV07	16.9	80.5	5.1	0.0	1.7	0.0	0.2	0.2	Philadelphia

Sample ID	Plantation	Assemblage	Ches.					NC	
			Alexandria	Buckley	Tidewater	Liverpool	London Area	Piedmont	
DNV08	NAVAIR	NAVAIR	0.2	5.3	1.5	0.0	20.4	0.0	
DNV09	NAVAIR	NAVAIR	67.4	0.1	99.4	0.0	5.8	0.0	
DNV10	NAVAIR	NAVAIR	8.3	0.0	78.4	0.0	0.8	0.0	
DNV11	NAVAIR	NAVAIR	29.9	0.1	97.0	0.0	8.1	0.0	
DSG01	Mount Vernon	S. Grove Midden	26.7	5.8	2.6	4.2	95.7	0.0	
DSG02	Mount Vernon	S. Grove Midden	22.6	24.3	5.0	4.1	7.1	0.0	
DSG03	Mount Vernon	S. Grove Midden	98.3	9.3	33.1	17.9	64.8	0.0	
DSG04	Mount Vernon	S. Grove Midden	16.1	14.3	1.1	61.5	81.4	0.0	
DSG05	Mount Vernon	S. Grove Midden	0.1	72.2	0.0	96.1	2.9	0.0	
DSG06	Mount Vernon	S. Grove Midden	2.4	84.6	0.3	99.9	21.1	0.0	
DSG07	Mount Vernon	S. Grove Midden	6.7	66.3	1.4	7.4	48.4	0.0	
DSG08	Mount Vernon	S. Grove Midden	96.1	10.3	31.3	10.1	30.6	0.0	
DUB01	Utopia	Utopia III	1.3	0.0	23.8	0.0	0.1	0.0	
DUB02	Utopia	Utopia III	77.8	12.5	27.9	2.3	100.0	0.0	
DUB03	Utopia	Utopia III	24.6	4.6	81.9	0.2	21.3	0.0	
DUB04	Utopia	Utopia III	11.3	5.8	56.5	1.9	11.6	0.0	
DUB05	Utopia	Utopia III	67.1	14.5	89.0	0.4	33.3	0.0	
DUB06	Utopia	Utopia III	2.3	2.7	0.0	0.1	2.6	0.0	
DUB07	Utopia	Utopia III	29.9	30.9	63.4	11.3	33.2	0.0	
DUB08	Utopia	Utopia III	36.0	13.1	87.9	3.4	38.6	0.0	
DUB09	Utopia	Utopia III	99.2	3.5	97.4	0.4	17.6	0.0	
DUB10	Utopia	Utopia III	60.4	4.7	10.9	3.6	25.6	0.0	
DUB11	Utopia	Utopia III	11.7	98.0	1.9	71.2	52.8	0.0	
DUC01	Utopia	Utopia IV	60.6	23.0	98.7	0.9	54.0	0.0	
DUC02	Utopia	Utopia IV	25.7	0.0	40.4	0.0	2.3	0.0	
DUC03	Utopia	Utopia IV	35.7	61.1	23.2	37.4	44.0	0.0	
DUC04	Utopia	Utopia IV	5.6	0.0	80.9	0.0	8.2	0.0	
DUC05	Utopia	Utopia IV	50.6	1.6	91.3	0.0	50.5	0.0	
DUC06	Utopia	Utopia IV	8.3	0.0	37.9	0.0	3.6	0.0	
DUC07	Utopia	Utopia IV	0.0	0.0	0.1	0.0	0.0	0.0	
DUC08	Utopia	Utopia IV	2.0	0.0	18.4	0.0	0.4	0.0	
PMC01	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC02	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC03	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC04	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC05	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC06	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC07	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC08	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	
PMC09	Monticello	Site 7	6.1	0.0	54.3	0.0	3.4	0.0	
PMC10	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0	

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-Hamp.		New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire	Hamp.				
DNV08	7.6	22.8	4.8	0.2	0.0	0.0	0.0	Philadelphia	
DNV09	36.5	77.1	64.1	0.1	21.0	0.2	0.0	Ches. Tidewater	
DNV10	20.2	87.9	11.0	0.0	1.2	0.0	0.0	Philadelphia	
DNV11	92.9	69.0	66.0	0.2	36.7	1.7	0.1	Ches. Tidewater	
DSG01	0.1	0.7	17.4	0.0	0.0	22.5	0.0	London Area	
DSG02	0.0	16.4	3.5	2.6	0.0	0.2	0.0	Buckley	
DSG03	0.3	6.6	78.6	2.7	0.4	5.3	0.0	Alexandria	
DSG04	0.0	0.2	14.8	0.1	0.0	3.2	0.0	London Area	
DSG05	0.0	0.0	0.5	0.1	0.0	0.1	0.0	Liverpool	
DSG06	0.0	0.0	3.0	0.3	0.0	1.0	0.0	Liverpool	
DSG07	1.5	3.8	25.3	1.9	0.5	0.6	0.0	Buckley	
DSG08	3.0	14.7	81.3	3.2	0.6	4.2	0.0	Alexandria	
DUB01	33.3	2.0	11.9	0.0	23.0	0.0	0.3	N. VA Piedmont	
DUB02	2.3	15.1	60.6	0.8	1.2	10.1	0.0	London Area	
DUB03	19.6	5.5	89.8	0.9	42.9	1.6	0.0	Shen. Valley	
DUB04	3.9	1.2	62.6	0.3	0.2	12.3	0.0	Shen. Valley	
DUB05	24.4	36.6	94.6	3.0	64.2	2.8	0.0	Shen. Valley	
DUB06	0.0	0.0	0.3	0.0	0.0	24.3	0.0	Surrey-Hamp.	
DUB07	2.7	2.5	90.1	5.5	0.9	7.2	0.0	Shen. Valley	
DUB08	8.0	7.3	92.7	0.8	3.9	5.9	0.0	Shen. Valley	
DUB09	12.9	61.0	92.2	2.7	11.9	2.6	0.0	Alexandria	
DUB10	0.3	5.1	13.5	0.4	0.1	75.7	0.0	Surrey-Hamp.	
DUB11	0.0	0.6	11.0	1.0	0.0	19.7	0.0	Buckley	
DUC01	12.9	28.0	90.2	10.6	28.0	7.7	0.0	Ches. Tidewater	
DUC02	9.2	67.5	12.4	0.4	46.7	0.0	0.0	Philadelphia	
DUC03	0.2	8.7	27.4	0.6	0.3	0.2	0.0	Buckley	
DUC04	12.5	75.6	12.1	1.2	2.3	0.0	0.0	Ches. Tidewater	
DUC05	14.0	98.8	53.4	2.4	2.4	0.2	0.0	Philadelphia	
DUC06	92.9	99.9	15.5	0.0	1.2	0.1	0.0	Philadelphia	
DUC07	2.4	0.0	0.3	0.0	0.9	0.0	0.0	N. VA Piedmont	
DUC08	5.7	2.3	12.6	0.0	18.7	0.0	0.0	Staffordshire	
PMC01	0.0	0.0	0.0	0.0	0.0	0.0	90.2	New Zone	
PMC02	0.0	0.0	0.0	0.0	0.0	0.0	9.3	New Zone	
PMC03	0.0	0.0	0.0	0.0	0.0	0.0	91.0	New Zone	
PMC04	0.0	0.0	0.0	0.0	0.0	0.0	98.2	New Zone	
PMC05	0.0	0.0	0.0	0.0	0.0	0.0	91.4	New Zone	
PMC06	0.0	0.0	0.0	0.0	0.0	0.0	82.5	New Zone	
PMC07	0.0	0.0	0.0	0.0	0.0	0.0	100.0	New Zone	
PMC08	0.0	0.0	0.0	0.0	0.0	0.0	99.2	New Zone	
PMC09	48.3	72.6	20.6	0.2	0.5	0.1	0.0	Philadelphia	
PMC10	0.0	0.0	0.0	0.0	0.0	0.0	75.6	New Zone	

Sample ID	Plantation	Assemblage	Ches.				NC	
			Alexandria	Buckley	Tidewater	Liverpool	London Area	Piedmont
PMC11	Monticello	Site 7	13.9	0.5	30.3	2.4	3.3	0.0
PMC12	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0
PMC13	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC14	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC15	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC16	Monticello	Site 7-Overseer	0.0	0.0	0.7	0.0	0.0	0.0
PMC17	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC18	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC19	Monticello	Site 7-Overseer	0.8	0.5	1.0	1.4	0.3	0.0
PMC20	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC21	Monticello	Site 7-Overseer	0.0	0.0	0.0	0.0	0.0	0.0
PMC22	Monticello	Site 7	0.0	0.0	0.0	0.0	0.0	0.0
PMC23	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC24	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC25	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC26	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC27	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC28	Monticello	Site 8	1.2	0.0	3.6	0.2	0.3	0.0
PMC29	Monticello	Site 8	0.2	0.0	0.8	2.4	0.2	0.0
PMC30	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC31	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC32	Monticello	Site 8	0.0	0.0	0.0	0.0	0.0	0.0
PMC33	Monticello	Site 8	5.6	0.2	46.6	0.4	3.5	0.0
PMC34	Monticello	Site 8	24.8	0.0	48.4	0.0	0.4	0.0
PMC35	Monticello	Site 8	0.3	0.0	8.1	0.0	0.0	0.0
PMC36	Monticello	Site 8	2.9	0.1	7.2	0.4	0.9	0.0
PMC37	Monticello	Site 8	0.1	20.5	0.0	98.2	3.0	0.0
PMC40	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC41	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC42	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC43	Monticello	Dry Well	0.6	21.5	0.0	92.9	3.7	0.0
PMC44	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC45	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC46	Monticello	Dry Well	0.0	0.0	0.0	0.0	0.0	0.0
PMC47	Monticello	Dry Well	75.2	13.8	54.2	9.1	60.4	0.0
PMC48	Monticello	Dry Well	38.7	0.0	76.5	0.0	20.2	0.0
PNH01	Poplar Forest	North Hill	1.5	0.2	0.1	0.0	1.0	0.0
PNH02	Poplar Forest	North Hill	0.0	0.0	0.0	0.0	0.1	0.0
PNH03	Poplar Forest	North Hill	1.1	0.0	9.4	0.0	0.0	0.0
PNH04	Poplar Forest	North Hill	0.0	0.0	0.0	0.0	0.0	0.0
PNH05	Poplar Forest	North Hill	46.2	4.4	44.0	0.3	4.1	0.0

Sample ID	N. VA		Shen. Valley	S. Ridge & Valley		Surrey-		New Zone	Assignment
	Piedmont	Philadelphia		Staffordshire	Hamp.				
PMC11	2.1	26.7	12.6	0.1	0.0	0.2	0.0	Ches. Tidewater	
PMC12	0.0	0.0	0.0	0.0	0.0	0.0	91.2	New Zone	
PMC13	0.0	0.0	0.0	0.0	0.0	0.0	45.0	New Zone	
PMC14	0.0	0.0	0.0	0.0	0.0	0.0	96.3	New Zone	
PMC15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Unassigned	
PMC16	20.2	0.4	0.1	0.0	8.3	0.0	84.0	New Zone	
PMC17	0.0	0.0	0.0	0.0	0.0	0.0	51.9	New Zone	
PMC18	0.0	0.0	0.0	0.0	0.0	0.0	86.3	New Zone	
PMC19	0.4	10.1	1.6	0.0	0.0	0.0	0.0	Philadelphia	
PMC20	0.0	0.0	0.0	0.0	0.0	0.0	98.4	New Zone	
PMC21	0.0	0.0	0.0	0.0	0.0	0.0	70.9	New Zone	
PMC22	0.0	0.0	0.0	0.0	0.0	0.0	48.7	New Zone	
PMC23	0.0	0.0	0.0	0.0	0.0	0.0	64.6	New Zone	
PMC24	0.0	0.0	0.0	0.0	0.0	0.0	73.2	New Zone	
PMC25	0.0	0.0	0.0	0.0	0.0	0.0	99.9	New Zone	
PMC26	0.0	0.0	0.0	0.0	0.0	0.0	98.0	New Zone	
PMC27	0.0	0.0	0.0	0.0	0.0	0.0	97.9	New Zone	
PMC28	0.9	9.9	1.1	0.0	0.0	0.0	0.0	Philadelphia	
PMC29	0.0	0.2	0.6	0.0	0.0	0.0	0.0	Liverpool	
PMC30	0.0	0.0	0.0	0.0	0.0	0.0	99.7	New Zone	
PMC31	0.0	0.0	0.0	0.0	0.0	0.0	71.6	New Zone	
PMC32	0.0	0.0	0.0	0.0	0.0	0.0	88.8	New Zone	
PMC33	3.3	17.3	19.8	0.2	0.1	0.0	0.0	Ches. Tidewater	
PMC34	33.7	62.1	7.2	0.0	17.0	0.0	1.0	Philadelphia	
PMC35	29.7	18.5	2.1	0.0	7.5	0.0	0.0	N. VA Piedmont	
PMC36	0.7	20.9	2.3	0.1	0.0	0.0	0.0	Philadelphia	
PMC37	0.0	0.0	0.1	0.0	0.0	0.2	0.0	Liverpool	
PMC40	0.0	0.0	0.0	0.0	0.0	0.0	50.9	New Zone	
PMC41	0.3	0.1	0.0	0.0	0.0	0.0	0.0	Unassigned	
PMC42	0.0	0.0	0.0	0.0	0.0	0.0	61.3	New Zone	
PMC43	0.0	0.0	0.4	0.4	0.0	0.0	0.0	Liverpool	
PMC44	0.0	0.0	0.0	0.0	0.0	0.0	39.3	New Zone	
PMC45	0.0	0.0	0.0	0.0	0.0	0.0	97.6	New Zone	
PMC46	0.0	0.0	0.0	0.0	0.0	0.0	5.5	New Zone	
PMC47	0.8	12.4	95.1	25.3	1.3	4.6	0.0	Shen. Valley	
PMC48	8.5	32.1	56.9	1.8	0.4	0.6	0.0	Ches. Tidewater	
PNH01	0.0	0.0	1.7	89.7	0.0	0.0	0.0	S. Ridge & Valley	
PNH02	0.0	0.0	0.2	86.0	0.0	0.0	0.0	S. Ridge & Valley	
PNH03	3.7	15.2	1.2	0.3	0.7	0.0	0.0	Philadelphia	
PNH04	0.0	0.0	0.0	0.0	0.0	0.0	0.1	New Zone	
PNH05	0.3	34.5	35.0	17.7	0.0	0.2	0.0	Alexandria	

Sample ID	Plantation	Assemblage	Ches.					NC	
			Alexandria	Buckley	Tidewater	Liverpool	London Area	Piedmont	
PNH06	Poplar Forest	North Hill	69.1	0.6	73.1	0.3	23.3	0.0	
PNH07	Poplar Forest	North Hill	86.2	2.5	56.9	0.0	32.3	0.0	
PNH08	Poplar Forest	North Hill	1.6	63.4	0.2	92.6	16.2	0.0	
PPQ01	Poplar Forest	Quarter	5.2	0.0	44.2	0.0	0.0	0.0	
PPQ02	Poplar Forest	Quarter	0.7	0.0	19.2	0.0	0.0	0.0	
PPQ03	Poplar Forest	Quarter	0.5	0.0	9.1	0.0	0.0	0.0	
PPQ04	Poplar Forest	Quarter	0.0	0.0	1.2	0.0	0.0	0.0	
PPQ05	Poplar Forest	Quarter	0.1	0.0	5.8	0.0	0.0	0.0	
PPQ06	Poplar Forest	Quarter	0.1	0.0	5.4	0.0	0.0	0.0	
PPQ07	Poplar Forest	Quarter	2.7	0.0	19.0	0.0	0.0	0.0	
PPQ08	Poplar Forest	Quarter	12.5	0.0	32.2	0.0	0.0	0.0	
PPQ09	Poplar Forest	Quarter	0.0	0.0	5.8	0.0	0.0	0.0	
PPQ10	Poplar Forest	Quarter	8.4	0.1	64.6	0.0	9.4	0.0	
PWW01	Poplar Forest	Wing of Offices	0.4	0.0	0.0	0.0	0.1	0.0	
PWW02	Poplar Forest	Wing of Offices	0.7	1.0	1.6	0.1	4.7	0.0	
PWW03	Poplar Forest	Wing of Offices	2.3	0.0	18.1	0.0	1.5	0.0	
PWW04	Poplar Forest	Wing of Offices	5.3	0.0	55.9	0.0	0.2	0.0	
PWW05	Poplar Forest	Wing of Offices	65.1	0.1	41.1	0.0	3.3	0.0	
PWW06	Poplar Forest	Wing of Offices	0.0	0.0	0.5	0.0	0.0	0.0	
PWW07	Poplar Forest	Wing of Offices	0.0	0.0	0.0	0.0	0.0	0.0	

Sample ID	N. VA Piedmont	Philadelphia	Shen. Valley	S. Ridge & Valley	Staffordshire	Surrey- Hamp.	New Zone	Assignment
PNH06	19.1	23.7	97.6	4.6	10.4	1.7	0.0	Shen. Valley
PNH07	22.3	29.5	100.0	3.4	25.0	0.3	0.0	Shen. Valley
PNH08	0.0	0.0	2.7	0.0	0.0	1.1	0.0	Liverpool
PPQ01	7.3	10.4	2.9	0.1	53.2	0.0	3.9	Staffordshire
PPQ02	12.7	5.6	1.3	0.0	63.4	0.0	10.4	Staffordshire
PPQ03	23.8	2.7	0.6	0.0	16.9	0.0	0.7	N. VA Piedmont
PPQ04	0.7	0.1	0.0	0.0	2.2	0.0	26.3	New Zone
PPQ05	9.0	0.2	0.5	0.0	20.5	0.0	14.6	Staffordshire
PPQ06	12.1	3.2	0.2	0.0	30.2	0.0	30.4	New Zone
PPQ07	3.0	12.2	2.0	0.8	1.1	0.0	0.0	Ches. Tidewater
PPQ08	5.0	13.4	2.1	0.1	8.5	0.0	2.8	Ches. Tidewater
PPQ09	5.0	0.2	0.5	0.0	5.8	0.0	0.3	Ches. Tidewater
PPQ10	7.0	4.4	24.6	2.5	15.5	0.3	0.0	Ches. Tidewater
PWW01	0.0	0.0	3.0	12.8	0.0	0.0	0.0	S. Ridge & Valley
PWW02	0.8	1.3	16.1	83.9	0.0	0.4	0.0	S. Ridge & Valley
PWW03	3.6	0.6	24.4	4.8	5.0	0.0	0.0	Shen. Valley
PWW04	7.3	27.5	7.0	0.7	14.1	0.0	0.0	Ches. Tidewater
PWW05	89.4	37.2	92.0	0.1	17.6	0.4	0.0	Shen. Valley
PWW06	0.2	0.0	0.0	0.0	1.0	0.0	44.3	New Zone
PWW07	0.0	0.0	0.0	0.0	0.0	0.0	2.5	New Zone