MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-21-15 Project: NYSERDA Name: Tori Brown

Weather: Sunny, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Cornfield
SA Origin Location: _____ Coord. System: _____
SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.1 Matrix: Soil

Location Coord: W 78.681076° N 42.480655°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, no stalks

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc.): Damp

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	11351	10741	8	7	N/A
1	11330	10498			

4. Sample Information:

Sample Area ID: 3.1.1.E.1-8

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.1.E.1	N/A
15-30	Soil	brown	3.1.1.E.2	N/A
30-60	Soil	brown	3.1.1.E.3	N/A
60-100	Soil	brown	3.1.1.E.4	N/A
0-15	Soil	brown	3.1.1.E.5	N/A
15-30	Soil	brown	3.1.1.E.6	N/A
30-60	Soil	brown	3.1.1.E.7	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

60-100 Soil brown 3.1.1.E.8 N/A

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-20-15 Project: NYSERDA Name: Tori Brown Time start: 10:3
Time end:

Weather: partly cloudy, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Corn Field
SA Origin Location: _____ _____ Coord. System: _____
SA Land Mark Description: Driveway Coord: _____ _____
~~NO~~ TB 10/20

2. Sample Location Data:

Sample Area ID: 3.1.2 Matrix: Soil

Location Coord: W 78.688836° N 42.480591°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A
~~100 ft W from driveway~~ TB 10/20
320yds W driveway

Site Sketch Attached (Yes) (NO)

Sample Location Description: Corn field, cleared cornstalks, along woodline

Canopy Type: OPEN Land Use: Farm Soil Moisture (Wet, dry, etc): Damp → wet

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	11278	10627	10	10	N/A
1	11429	10653			N/A

4. Sample Information:

Sample Area ID: 3.1.2.E.1-2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil	Brown	3.1.2.E.1	N/A
15-30	soil	Brown	3.1.2.E.2	N/A
30-60	soil	Brown/grey	3.1.2.E.3	N/A
60-100	mud/water	Brown	3.1.2.E.4	Hit water, inflow

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-20-15 Project: NYSERDA Name: Tom Brown start: 13:25 end: 14:30

Weather: partly cloudy, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Cornfield

SA Origin Location: _____ Coord. System: _____

SA Land Mark Description: Driveway Coord: _____

2. Sample Location Data:

Sample Area ID: 3.1.3.E Matrix: soil

Location Coord: W 78.1679483° N 42.481348°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A Driveway 175yds W from 3.1.3

Site Sketch Attached (Yes) (NO)

Sample Location Description: Corn field, along corn, no stalks

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc): Dry → damp

3. Location Radiation Readings:

2x2 NaI (cpm)			B·cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10656	10119	8	8	N/A
1	10742	10209			N/A

4. Sample Information:

Sample Area ID: 3.1.3.E.1-4

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.3.E.1	N/A
15-30	Soil	brown	3.1.3.E.2	N/A
30-60	Soil	brown	3.1.3.E.3	N/A
60-100	soil	brown	3.1.3.E.4	~~Wet~~ TBlgr. Soil moisture rising (damp soil)

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-21-15 Project: NYSERDA Name: Tori Brown

Weather: warm, partly cloudy

1. Sample Area (SA):

SA Designation: 3.1 Description: Corn field

SA Origin Location: _____ Coord. System: _____

SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.4 Matrix: soil

Location Coord: W 78.679815° N 42.481788°

Alternate Location Measurements (distance from SA origin and Local Coord.)

X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A SubArea 3.1.3 185ft SE

Site Sketch Attached (Yes) (NO)

Sample Location Description: Corn field, stalks

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9385	8845	8	7	N/A
1	9350	9228			N/A

4. Sample Information: *Sample Area ID:* 3.1.4.R.1-4

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil	Brown	3.1.4.R.1	N/A
15-30	compact soil	Brown	3.1.4.R.2	N/A
30-60	soil	brown	3.1.4.R.3	N/A
60-100	soil	brown	3.1.4.R.4	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-21-15 Project: NYSERDA Name: Tori Brown

Weather: Cloudy, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Corn field
SA Origin Location: _____ Coord. System: _____
SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.5 Matrix: Soil

Location Coord: ~~W 78.078715°~~ TB 4/21 N 42.482419
W 78.078638°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc.): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9445	8977	8	7	N/A
~~1~~	~~9579~~	TB 4/21			
1	9579	8877			N/A

4. Sample Information:

Sample Area ID: 3.1.5.R.1-4

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.5.R.1	N/A
15-30	soil/gravel	brown	3.1.5.R.2	rocks @ 15 cm / gravel } larger
30-60	soil/gravel	brown/clay	3.1.5.R.3	rocks ~~15~~ TB 4/21 30-60 cm }
60-100	soil/rocks		3.1.5.R.4	rocks sparatic

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-21-15 Project: NYSERDA Name: Tim Brown

Weather: Cloudy, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Cornfield
SA Origin Location: _____ _____ Coord. System: _____
SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.6 Matrix: Soil

Location Coord: W 78.678345° N 42.483259°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, no stalks

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc.): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	8920	8681	8	7	N/A
1	8855	8622			N/A

4. Sample Information:

Sample Area ID: 3.1.6.R.1-4

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.6.R.1	N/A
15-30	soil	brown	3.1.6.R.2	N/A
30-60	Soil	brown	3.1.6.R.3	N/A
60-100	Soil	brown	3.1.6.R.4	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-19-15 Project: NYSERDA Name: Tori Brown

Weather: Sunny, cool

1. Sample Area (SA):

SA Designation: 3.1 Description: Corn field

SA Origin Location: _____ Coord. System: _____

SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

350 ft N driveway ~~from 3.1.7~~ P/9 TB

Sample Area ID: 3.1.7 Matrix: Soil TB 10/19

Location Coord: W 78.678931° ~~N 42.481672°~~ N 42.481462°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, corn stalks removed

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			B cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10793	9993	8	8	N/A
1	10885	9929			

4. Sample Information:

Sample Area ID: 3.1.7.R.1-2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	dirt/soil	brown	3.1.7.R.1	N/A
15-30	dirt/soil	brown	3.1.7.2.2	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-19-15 Project: NYSERDA Name: Tom Brown

Weather: sunny, cool

1. Sample Area (SA):

SA Designation: 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: _____

SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.8 Matrix: Soil

Location Coord: W78.678711° N 42.481673°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A

Site Sketch Attached (Yes) (No)

Sample Location Description: Corn field, corn stalks standing, 6 rows in 250 ft W driveway

Canopy Type: Open Land Use: cornfield Soil Moisture (Wet, dry, etc): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9920	9488	8	7	N/A
1	9871	9389			N/A

4. Sample Information:

Sample Area ID: 3.1.8.R-1-2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	DirA/soil	Brown	3.1.8.R.1	N/A
15-30	Soil	Brown	3.1.8.R.2	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10-20-15 Project: NYSERDA Name: Tori Brown 14:35

Weather: Sunny, warm

1. Sample Area (SA):

SA Designation: 3.1 Description: Corn Field
SA Origin Location: _____ _____ Coord. System: _____
SA Land Mark Description: Driveway Coord: _____ _____

2. Sample Location Data:

Sample Area ID: 3.1.9 Matrix: Soil

Location Coord: W 78.679684° N 42.481295°

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0) N/A Y Dist. from Origin: N/A Driveway 189 yds W from 3.1.9

Site Sketch Attached (Yes) (NO)

Sample Location Description: Corn field, along stalks, no stones present

Canopy Type: Open Land Use: Farm Soil Moisture (Wet, dry, etc): Dry

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10520	10048	7	7	N/A
1	10412	10102			N/A

4. Sample Information: *Sample Area ID:* 3.1.9.E.1-2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil	Brown	3.1.9.E.1	N/A
15-30	soil	Brown	3.1.9.E.2	N/A

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.10 Matrix: soil/clay

Location Coord: 78.680003 42.481206

Alternate Location Measurements (distance from SA origin and Local Coord.) 218 yards west of car, edge of corn

X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	11,695	10,996	9	9	N/A
1	11,642	10,950			

4. Sample Information:

Sample Area ID: 3.1.10 E1 - E2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.10.E.1	
15-30	soil/clay	brown	3.1.10.E.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

NEW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield
SA Origin Location: _____ _____ Coord. System: Lat/Long
SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.11 Matrix: Soil/clay

Location Coord: 78.67970 42.48112

Alternate Location Measurements (distance from SA origin and Local Coord.) 156 yards due west of car, cleared stalks, edge of brush/tree line
X Dist. from Origin (0,0) _____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10,890	10,340	7	10	N/A
1	10,844	10,290			

4. Sample Information:

Sample Area ID: 3.1.11 E1 - E2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.11 E1	
15-30	soil/clay	brown	3.1.11 E2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.12 Matrix: Soil/clay

Location Coord: 78.680317 42.480774

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____ 267 yards due east of car, closer to wooded area than stalks

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	11,449	10,968	9	9	N/A
1	11,252	10,992			

4. Sample Information:

Sample Area ID: 3.1.12E1-E2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.12.E1	
15-30	soil/clay	brown	3.1.12.E2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.13 Matrix: Soil/clay

Location Coord: 78.679742 42.482162

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

223 yards NW of car, in stalks, edge of cleared area

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9629	8910	10	8	N/A
1	9505	9154			

4. Sample Information:

Sample Area ID: 3.1.13 R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.13.R1	
15-30	soil/clay	brown	3.1.13.R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.14 Matrix: Soil/clay

Location Coord: 78.678565 42.482793

Alternate Location Measurements (distance from SA origin and Local Coord.)

X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____ 146 yards north of car, cleared area

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9658	9321	8	8	
1	9706	9191			

4. Sample Information:

Sample Area ID: 3.1.14 R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.14.R.1	
15-30	soil/clay	brown	3.1.14.R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.15 Matrix: Soil/clay

Location Coord: 78.679153 42.481742

Alternate Location Measurements (distance from SA origin and Local Coord.) ≈ 142 yards N of car, center of stalks

X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc.): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10,561	10,338	8	10	N/A
1	10,596	10,150			

4. Sample Information:

Sample Area ID: 3.1.15R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil/clay	brown	3.1.15.R.1	
15-30	Soil/clay	brown	3.1.15.R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

NEW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/21/15 Project: NYSERDA Name: J. Brown

Weather: Cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: Lat/Long

SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.16 Matrix: Soil/clay

Location Coord: 78.677975 42.482373

Alternate Location Measurements (distance from SA origin and Local Coord.) 72 yards NE of car. in stalks

X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, in stalks

Canopy Type: Open Land Use: farm Soil Moisture (Wet, dry, etc.): damp, no water

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10,137	9754	9	9	NH
1	9976	9797			

4. Sample Information:

Sample Area ID: 3.1.16.R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc.)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil/clay	brown	3.1.16.R.1	
15-30	Soil/clay	brown	3.1.16.R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, clear, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield
SA Origin Location: _____ _____ Coord. System: Lat/Long
SA Land Mark Description: Driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.17 Matrix: Soil/gravel

Location Coord: 78.678269 42.481953

Alternate Location Measurements (distance from SA origin and Local Coord.) 59 yards from driveway
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9640	8900	6	5	N/A
1	9259	8630			

4. Sample Information:

Sample Area ID: 3.1.17 R1-R2, R5-R6

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	topsoil	brown	3.1.17.R.1	
15-30	topsoil	brown	3.1.17.R.2	
0-15	topsoil	brown	3.1.17.R.5	
15-30	topsoil	Brown	3.1.17.R.6	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: cloudy, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: Coord. System: Lat/Long

SA Land Mark Description: driveway Coord: 78.67422 42.48063

- 140 yards N of driveway

2. Sample Location Data:

Sample Area ID: 3.1.18 Matrix: soil/clay

Location Coord: 78.678859 42.482582

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			B cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9662	9129	8	7	N/A
1	9504	8880			

4. Sample Information:

Sample Area ID: 3.1.18 R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.18-R.1	
15-30	soil/clay	brown	3.1.18-R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, Clear, 60's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ Coord. System: lat/long

SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.19 Matrix: soil/clay

Location Coord: 78.678748 42.482232

Alternate Location Measurements (distance from SA origin and Local Coord.) 110 yards from driveway

X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m .	
1	9975	9170	?	12	N/A
1	9936	9174			

4. Sample Information:

Sample Area ID: 3.1.19.R1-2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/clay	brown	3.1.19.R.1	
15-30	soil/clay	brown	3.1.19.R.2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, Clear, 50's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield
SA Origin Location: _____ _____ Coord. System: Lat/Long
SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.20 Matrix: soil/gravel

Location Coord: 78.678159 42.481813 (383 yards)

Alternate Location Measurements (distance from SA origin and Local Coord.) 100 ft. from driveway
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: Cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): dry

3. Location Radiation Readings:

2x2 NaI (cpm)			B cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9233	8327	7	5	N/A
1	9244	8392			

4. Sample Information:

Sample Area ID: 3.1.20.R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil/gravel	brown	3.1.20.R.1	some rocks
15-30	soil/gravel	brown	3.1.20.R.2	some rocks

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, clear, 60's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: Coord. System: lat/long

SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.21 Matrix: soil

Location Coord: 78.679632 42.482442

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____ 193 yards NE of driveway

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, stalks cleared

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			B cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9300	8860	9	10	N/A
1	9389	8790			

4. Sample Information:

Sample Area ID: 3.1.21R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	soil	brown	3.1.21.R1	
15-30	soil.	brown	3.1.21.R2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, clear, 60's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield
SA Origin Location: _____ Coord. System: lat/long
SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.22 Matrix: Soil

Location Coord: 78.678455 42.483073

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____ NE 179 yards from car

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, stalks cleared

Canopy Type: Open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			Bicron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	8780	9020	9	10	N/A
1	8843	8886			

4. Sample Information:

Sample Area ID: 3.1.22.R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.22.R1	
15-30	Soil	brown	3.1.22.R2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: Sunny, clear, 60's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ Coord. System: lat/long

SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.23 Matrix: Soil

Location Coord: 78.679043 42.482022

Alternate Location Measurements (distance from SA origin and Local Coord.)
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____ 130 yards N from car

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			B cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	10,380	9712	9	10	N/A
1	10,584	9579			

4. Sample Information:

Sample Area ID: 3.1.23 R1-R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.23.R1	
15-30	Soil	brown	3.1.23.R2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)

MJW TECHNICAL SERVICES

SAMPLE LOCATION DATA SHEET

Date: 10/20/15 Project: NYSERDA Name: J. Brown

Weather: sunny clear 60's

1. Sample Area (SA):

SA Designation: Area 3.1 Description: Cornfield

SA Origin Location: _____ _____ Coord. System: lat/long

SA Land Mark Description: driveway Coord: 78.67422 42.48063

2. Sample Location Data:

Sample Area ID: 3.1.24 Matrix: Soil

Location Coord: 78.677865 42.48263

Alternate Location Measurements (distance from SA origin and Local Coord.) 106 yards N from car
X Dist. from Origin (0,0)_____ Y Dist. from Origin: _____

Site Sketch Attached (Yes) (NO)

Sample Location Description: cornfield, in stalks

Canopy Type: open Land Use: farm Soil Moisture (Wet, dry, etc): damp

3. Location Radiation Readings:

2x2 NaI (cpm)			B·cron (uRem/hr)		Notes
Count time (min)	1 cm	1m	1 cm	1m	
1	9651	9302	9	10	N/A
1	9448	9215			

4. Sample Information:

Sample Area ID: 3.1.24 R1·R2

Description by Depth:

Depth Interval (cm)	*Soil Type* (Org; clay; sand, etc)	*Soil Color*	*Sample ID*	*Sampling Description* (Surface litter type/depth, sample depth retention, refusal, stone or rock, topography, erosion features)
0-15	Soil	brown	3.1.24.R1	
15-30	Soil	brown	3.1.24.R2	

Sample Recorded on Laboratory COC form and Container Labeled: (Y) (N)