

## APPENDIX A

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### FIELD SUMMARY REPORT

## Appendix H



# Spring Sampling Event

Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP01-P01**

Collection Date: Apr 27, 2018  
Collection Time: 15:55  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.9 grams

**Coordinates:**

LatWGS84: 48.954655  
LongWGS84: -117.718458



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP01-S01**

Collection Date: Apr 27, 2018

Collection Time: 16:03

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954655

LongWGS84: -117.718458









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-SP02-P01

Collection Date: Apr 27, 2018

Collection Time: 16:08

Species Name: Camassia quamash

Sample Type: Composite

Sample Mass: 4.9 grams

**Coordinates:**

LatWGS84: 48.954805

LongWGS84: -117.718445





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP02-S01**

Collection Date: Apr 27, 2018

Collection Time: 16:23

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954805

LongWGS84: -117.718445













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP03-P01 (NOT SAMPLED)**

Collection Date: Apr 28, 2018

Collection Time: 09:26

Species Name: Lomatium triternatum

Sample Type: n/a

Sample Mass: n/a

**Coordinates:**

LatWGS84: 48.954262

LongWGS84: -117.719373









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP04-P01**

Collection Date: Apr 28, 2018

Collection Time: 10:34

Species Name: *Claytonia lanceolata*

Sample Type: Composite

Sample Mass: 4.6 grams

**Coordinates:**

LatWGS84: 48.954715

LongWGS84: -117.719626





**Teck American Incorporated**  
**Plant Tissue Study**  
**Field Summary Report**



**Sample ID: SA01-SP04-S01**

Collection Date: Apr 28, 2018

Collection Time: 10:40

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954715

LongWGS84: -117.719626



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

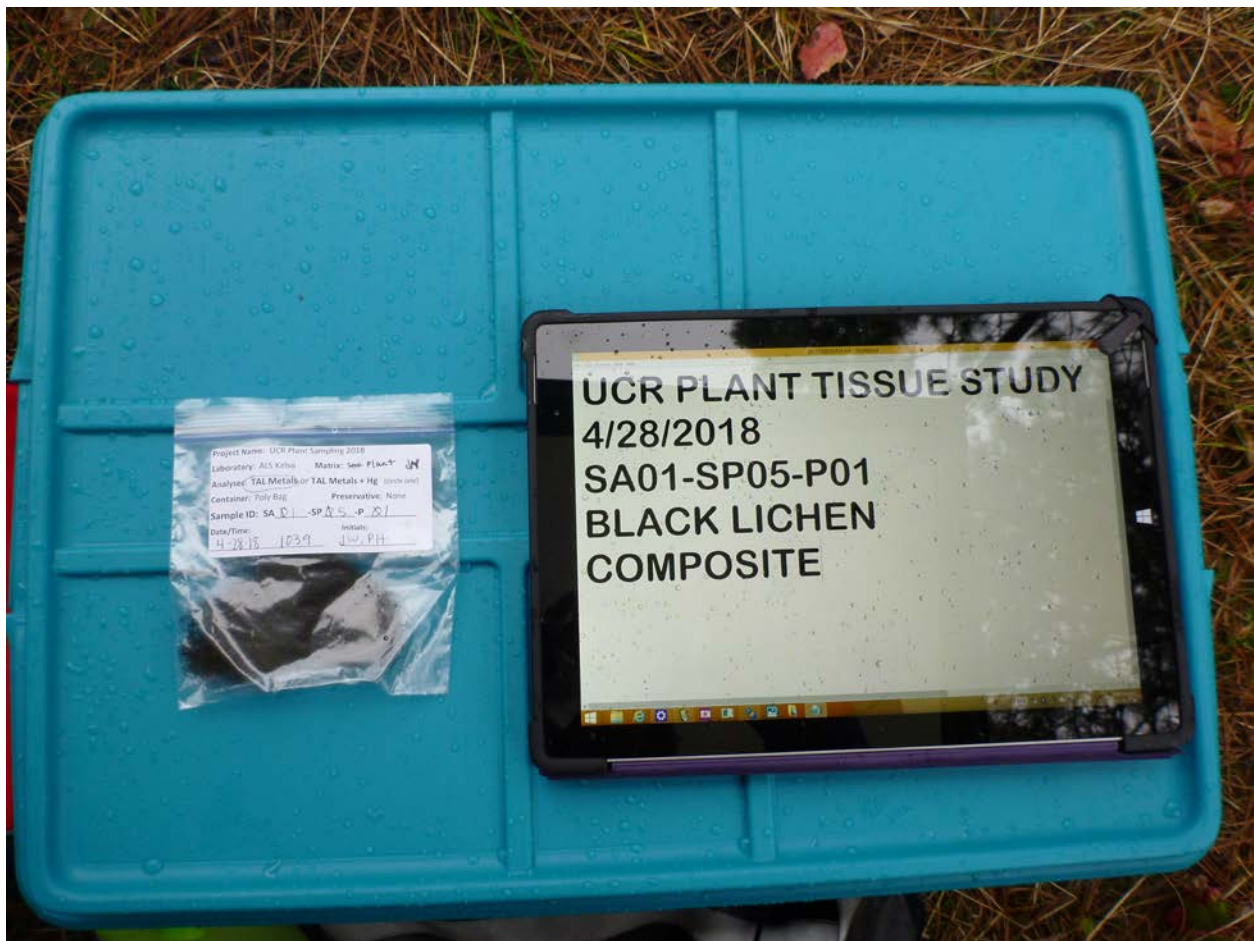


**Sample ID: SA01-SP05-P01**

Collection Date: Apr 28, 2018  
Collection Time: 10:39  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 2.3 grams

**Coordinates:**

LatWGS84: 48.954286  
LongWGS84: -117.718919





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP05-S01**

Collection Date: Apr 28, 2018

Collection Time: 11:05

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954286

LongWGS84: -117.718919





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-SP06-P01

Collection Date: Apr 28, 2018

Collection Time: 11:37

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 4.4 grams

**Coordinates:**

LatWGS84: 48.954953

LongWGS84: -117.719550





**Teck American Incorporated**  
**Plant Tissue Study**  
**Field Summary Report**



**Sample ID: SA01-SP06-S01**

Collection Date: Apr 28, 2018

Collection Time: 11:58

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954953

LongWGS84: -117.719550





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP07-P01**

Collection Date: Apr 28, 2018

Collection Time: 12:01

Species Name: Bryoria fremontii

Sample Type: Composite

Sample Mass: 16.0 grams

**Coordinates:**

LatWGS84: 48.954436

LongWGS84: -117.719026



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-SP07-S01

Collection Date: Apr 28, 2018

Collection Time: 11:57

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954436

LongWGS84: -117.719026





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP08-P01**

Collection Date: Apr 28, 2018  
Collection Time: 13:45  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 9.0 grams

**Coordinates:**

LatWGS84: 48.955206  
LongWGS84: -117.718101



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP08-S01**

Collection Date: Apr 28, 2018

Collection Time: 13:55

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.955206

LongWGS84: -117.718101





**Teck American Incorporated**  
**Plant Tissue Study**  
**Field Summary Report**



**Sample ID: SA01-SP09-P01**

Collection Date: Apr 28, 2018  
Collection Time: 13:25  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.6 grams

**Coordinates:**

LatWGS84: 48.954983  
LongWGS84: -117.717957





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP09-S01**

Collection Date: Apr 28, 2018

Collection Time: 13:30

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954983

LongWGS84: -117.717957



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP10-P01**

Collection Date: Apr 28, 2018  
Collection Time: 14:40  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 6.1 grams

**Coordinates:**

LatWGS84: 48.954654  
LongWGS84: -117.719529





**Teck American Incorporated  
Plant Tissue Study  
Field Summary Report**



**Sample ID: SA01-SP10-S01**

Collection Date: Apr 28, 2018

Collection Time: 14:50

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954654

LongWGS84: -117.719529





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP11-P01**

Collection Date: Apr 28, 2018

Collection Time: 15:05

Species Name: Bryoria fremontii

Sample Type: Composite

Sample Mass: 5.3 grams

**Coordinates:**

LatWGS84: 48.954656

LongWGS84: -117.719530



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-SP11-S01**

Collection Date: Apr 28, 2018

Collection Time: 15:05

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954656

LongWGS84: -117.719530





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

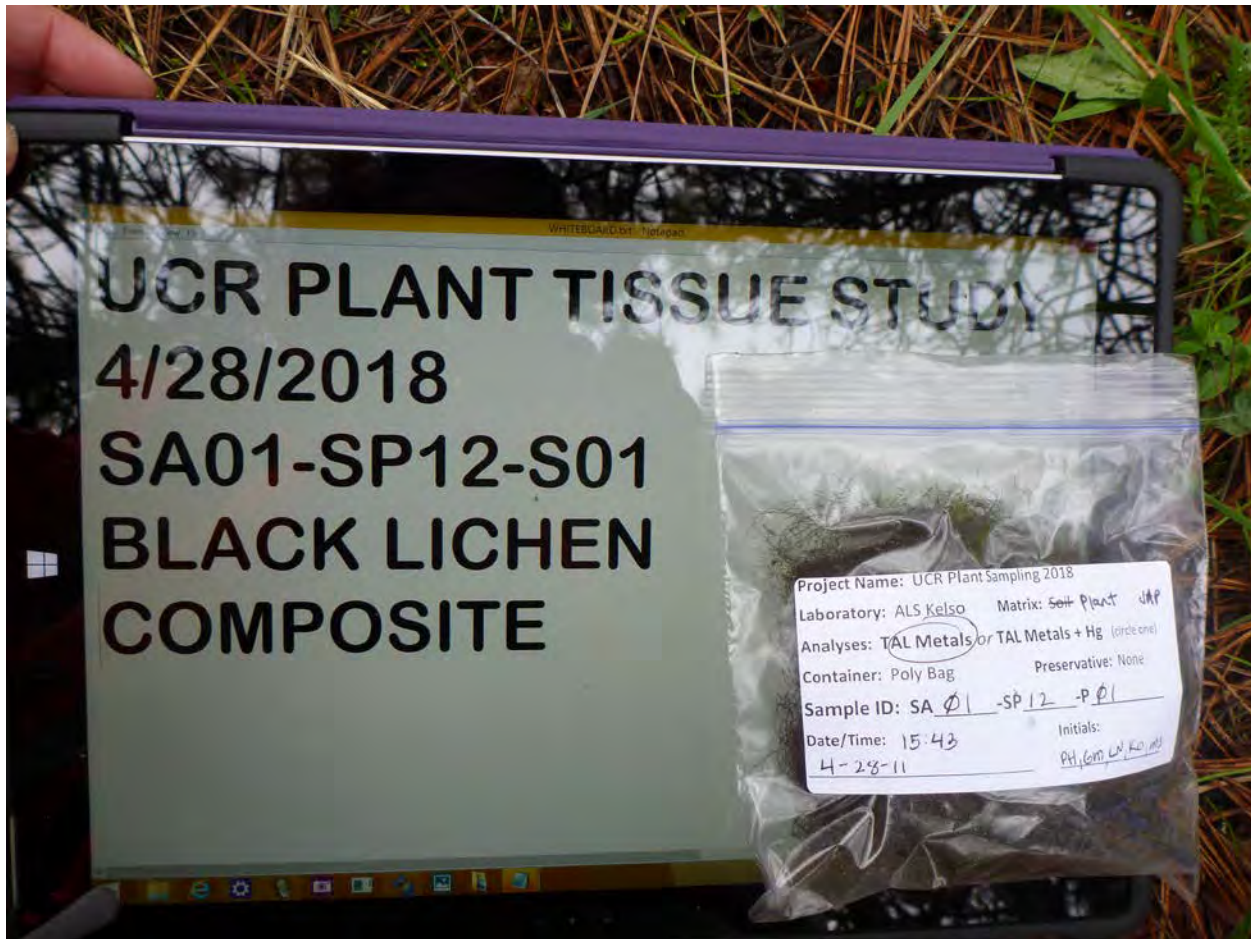


Sample ID: SA01-SP12-P01

Collection Date: Apr 28, 2018  
Collection Time: 15:43  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 10.3 grams

Coordinates:

LatWGS84: 48.954056  
LongWGS84: -117.719611



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-SP12-S01

Collection Date: Apr 28, 2018

Collection Time: 15:44

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954056

LongWGS84: -117.719611





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP01-P01

Collection Date: Apr 25, 2018

Collection Time: 16:34

Species Name: Claytonia lanceolata

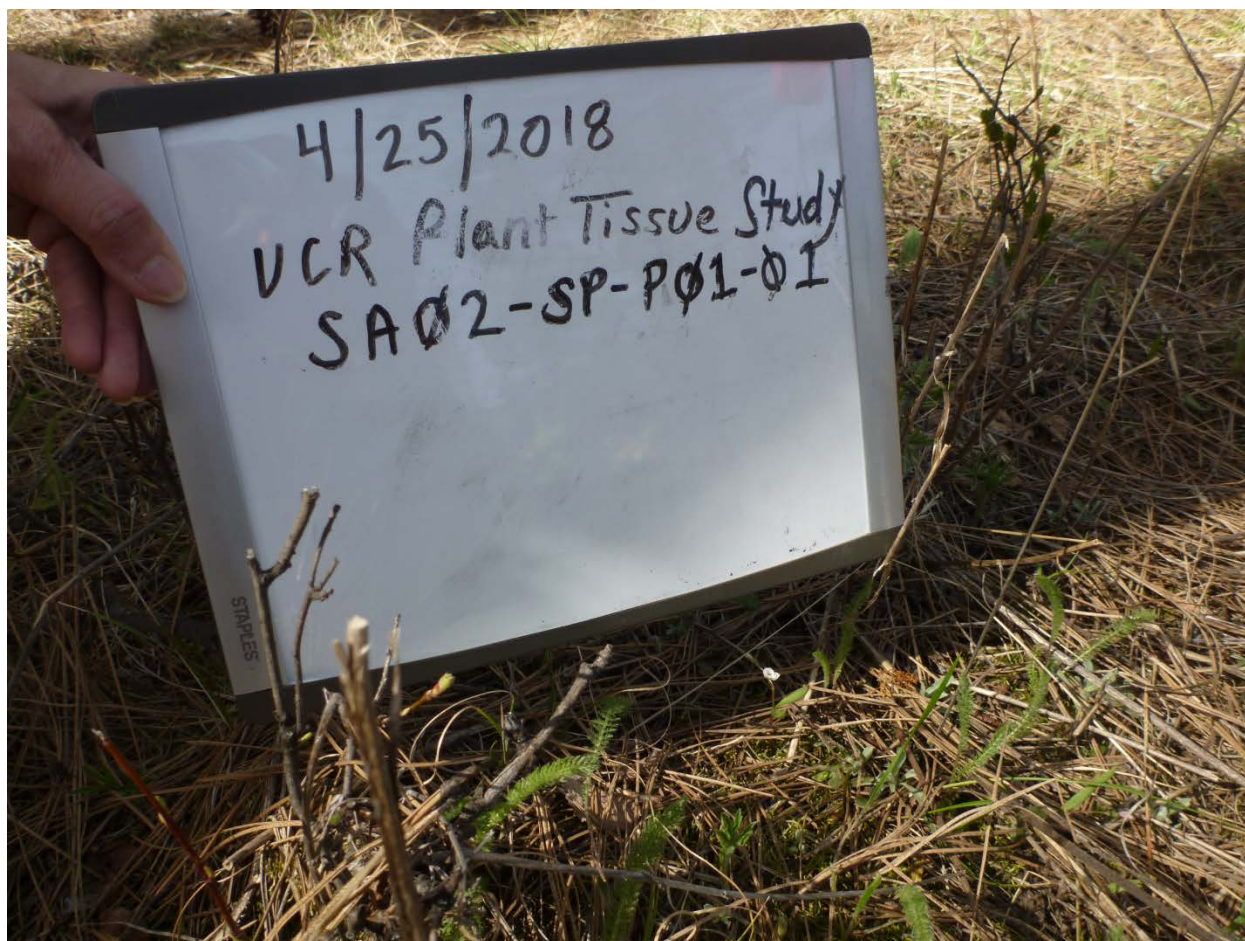
Sample Type: Composite

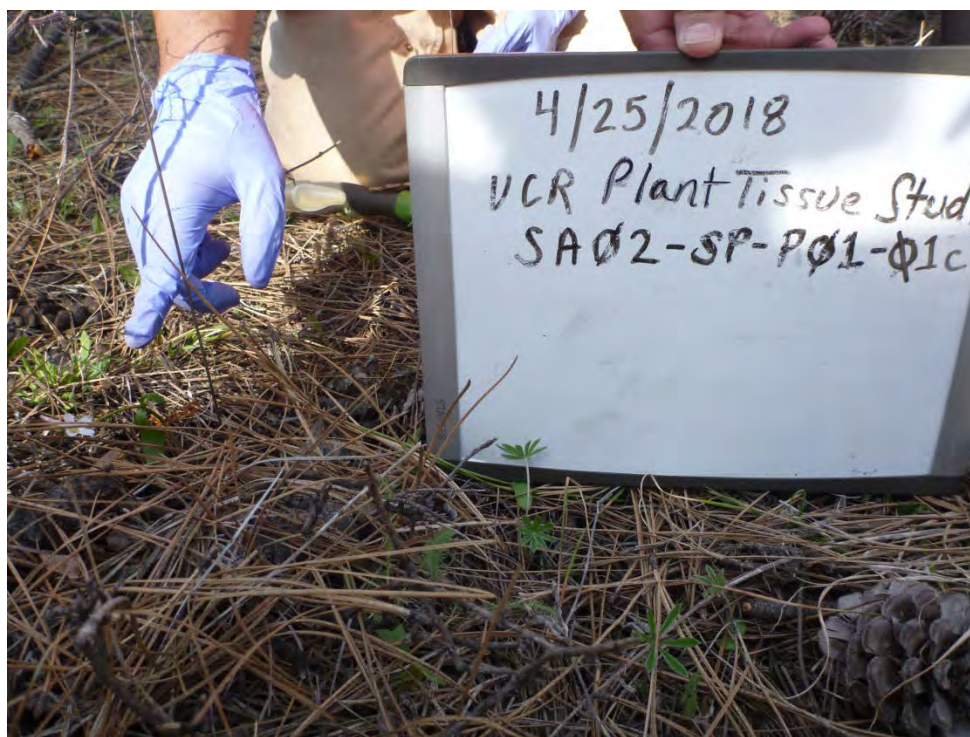
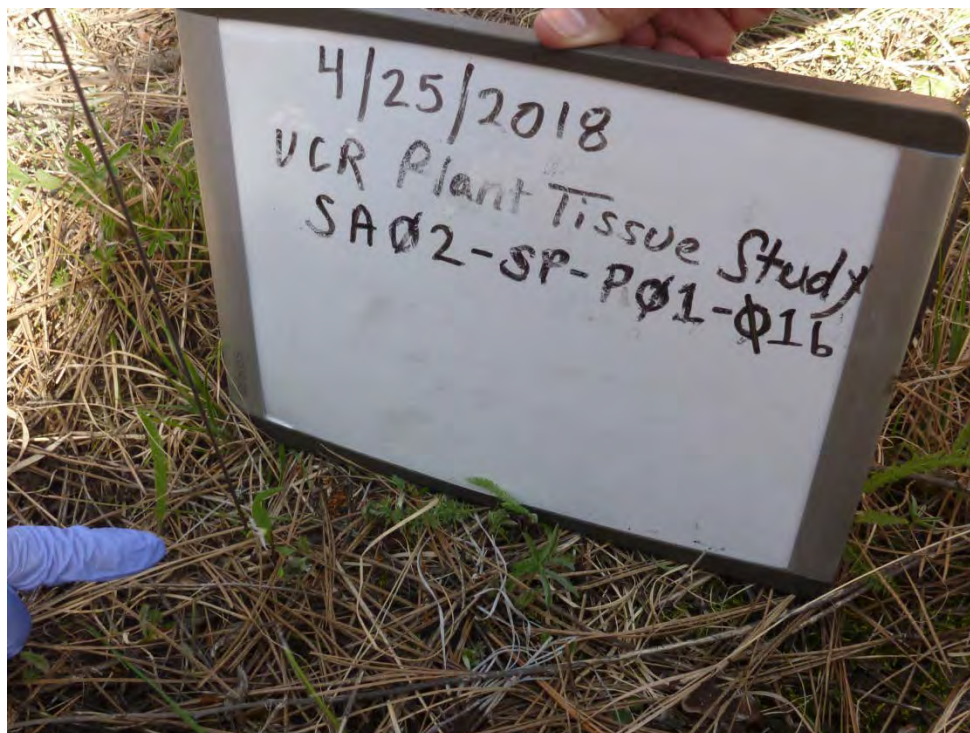
Sample Mass: 2.3 grams

**Coordinates:**

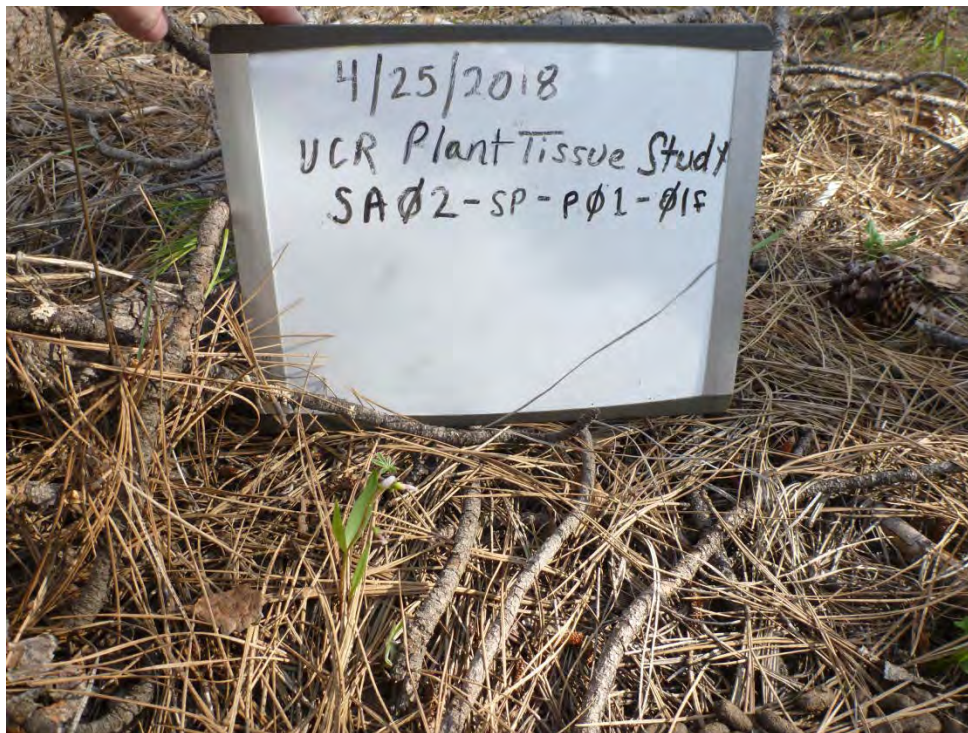
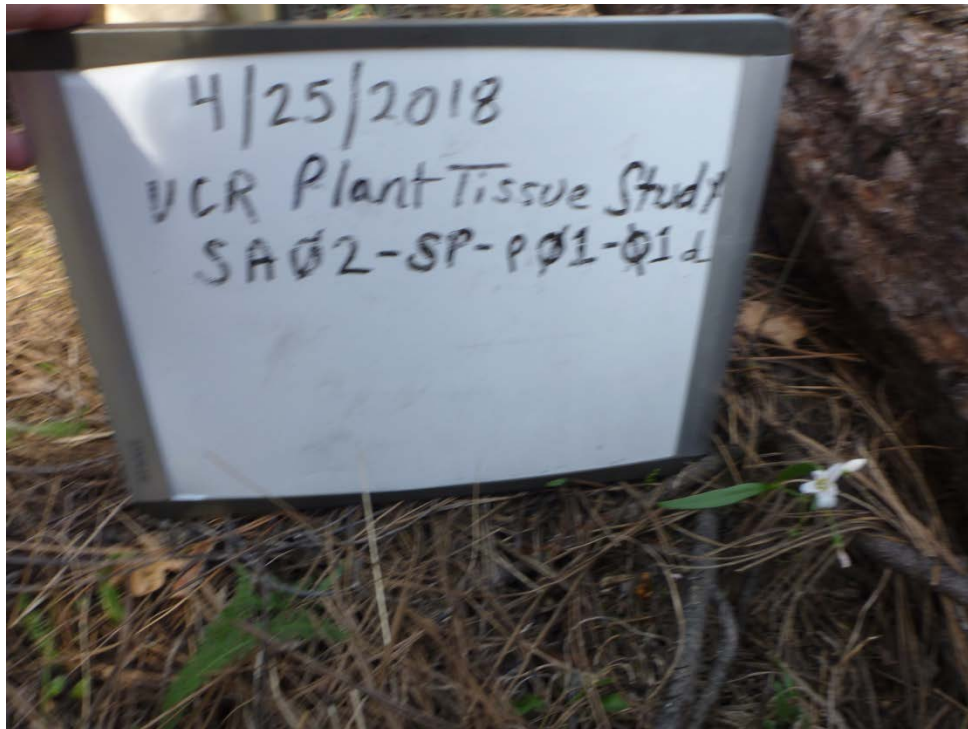
LatWGS84: 48.971326

LongWGS84: -117.674111













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP01-S01

Collection Date: Apr 25, 2018

Collection Time: 16:34

Sample Type: Composite

Collection Depth: 0-3"

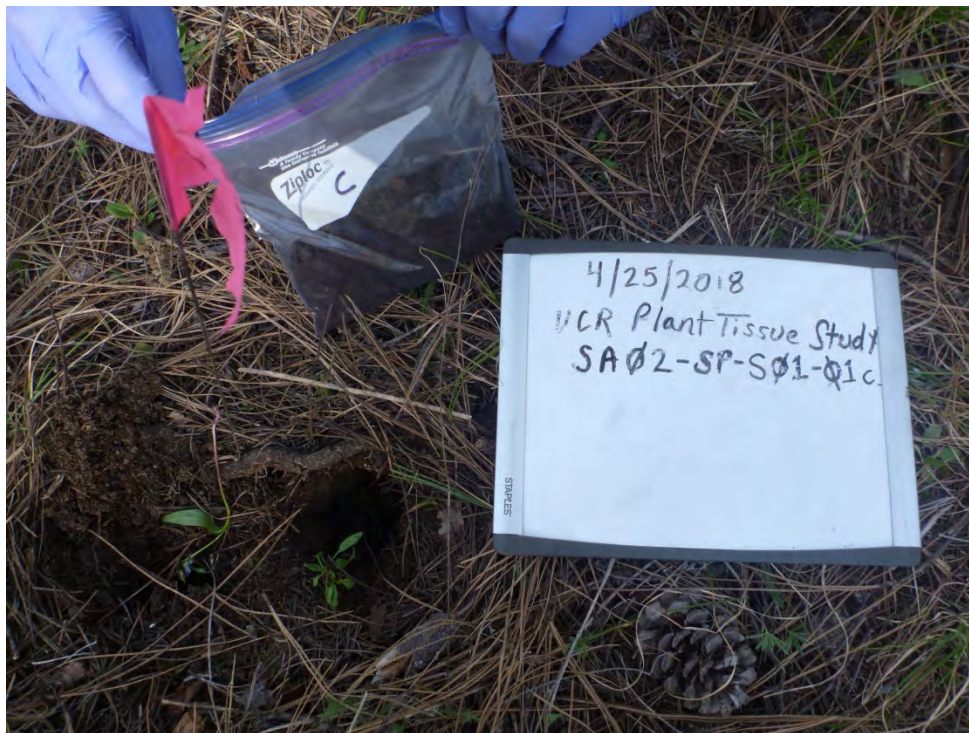
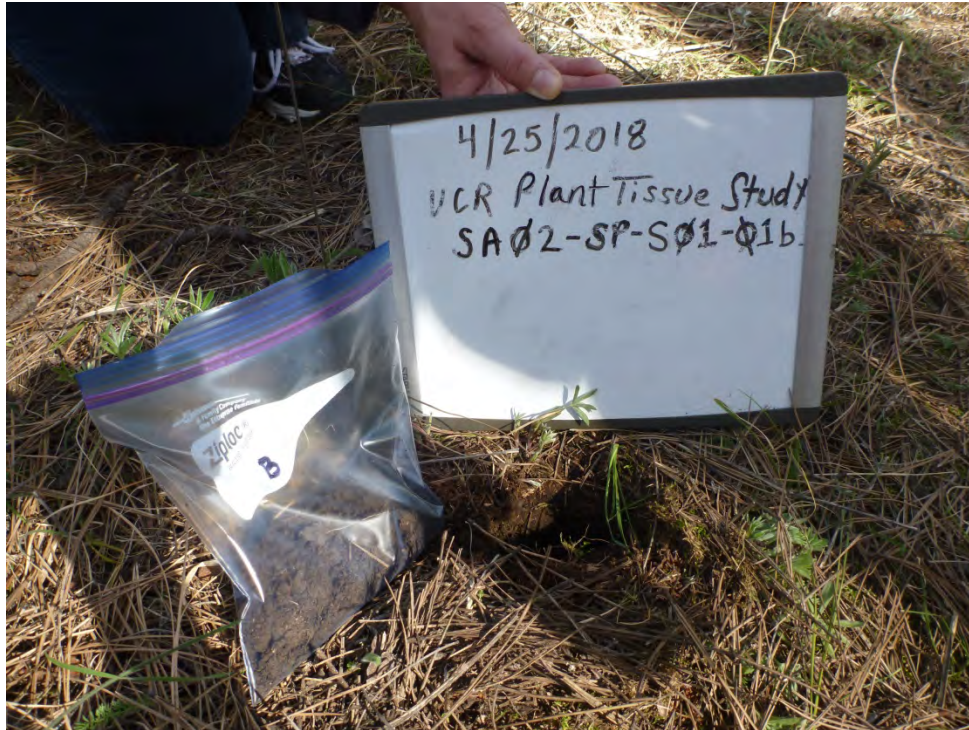
**Coordinates:**

LatWGS84: 48.971326

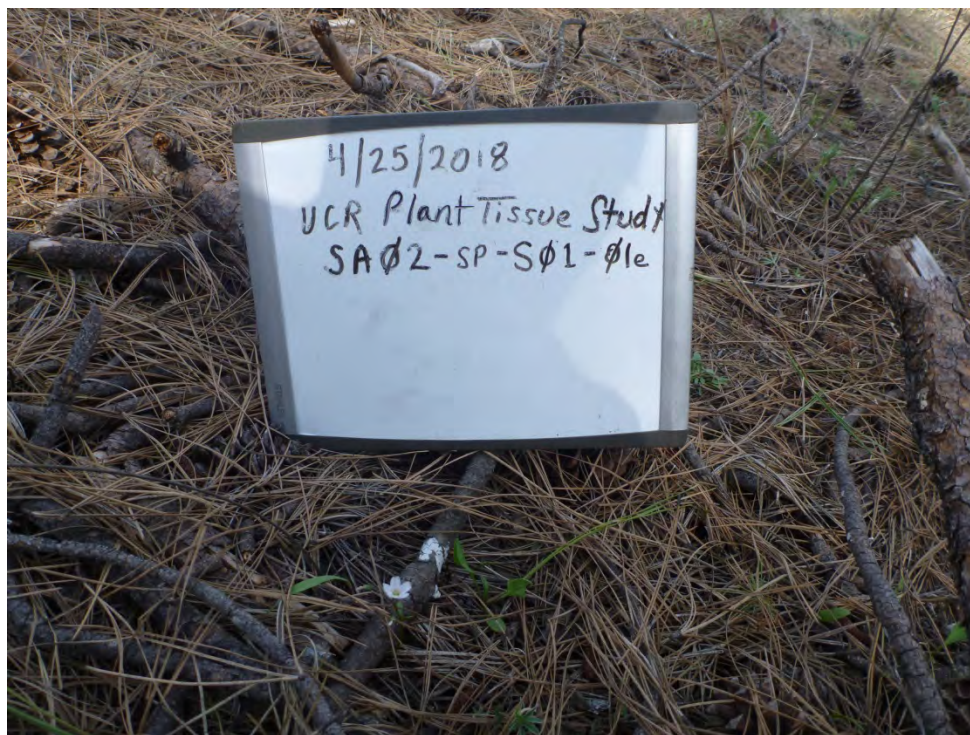
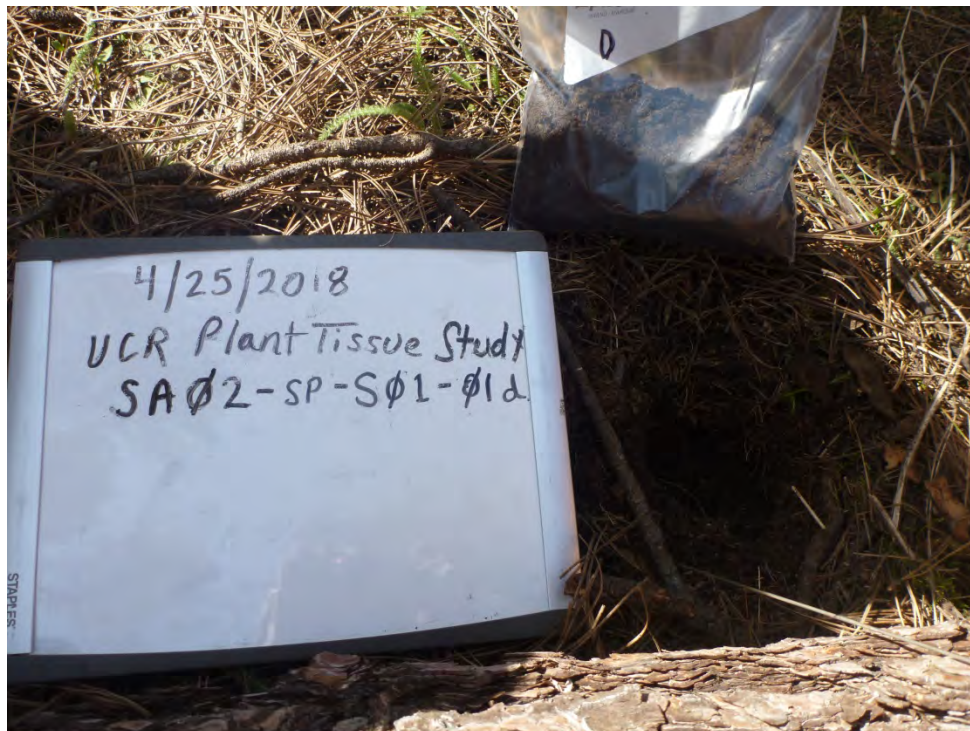
LongWGS84: -117.674111



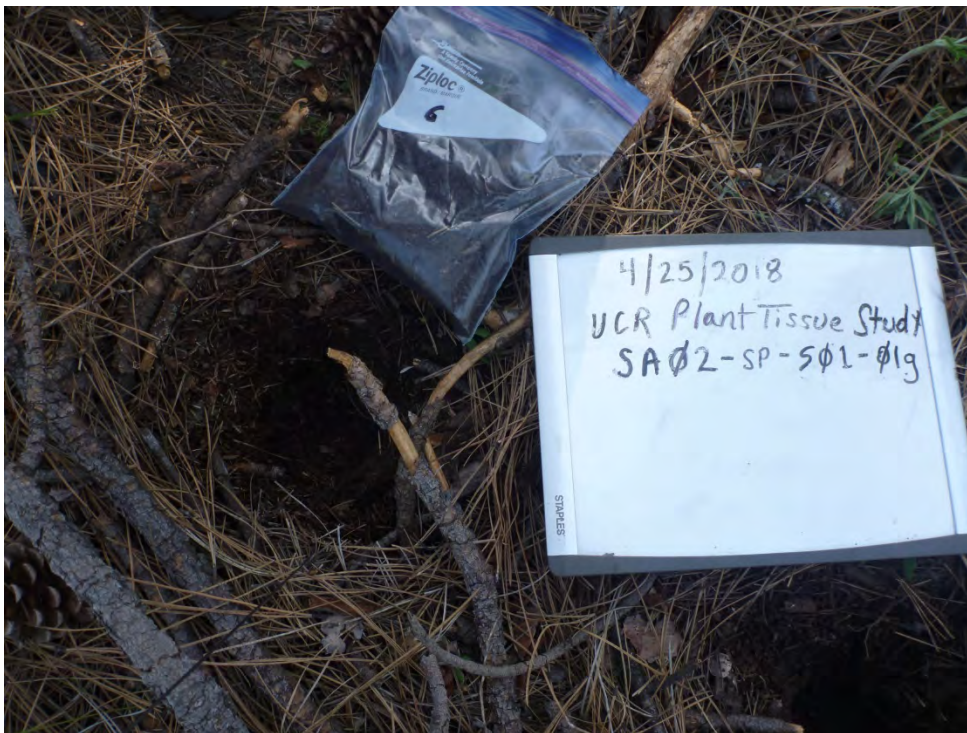














Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP02-P01**

Collection Date: Apr 26, 2018

Collection Time: 09:54

Species Name: *Arctostaphylos uva-ursi*

Sample Type: Individual

Sample Mass: 6.5 grams

**Coordinates:**

LatWGS84: 48.971049

LongWGS84: -117.674030





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP02-S01

Collection Date: Apr 26, 2018

Collection Time: 10:16

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971049

LongWGS84: -117.674030





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP03-P01**

Collection Date: Apr 26, 2018  
Collection Time: 09:59  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual (replicate)  
Sample Mass: 5.9 grams

**Coordinates:**

LatWGS84: 48.971049  
LongWGS84: -117.674030



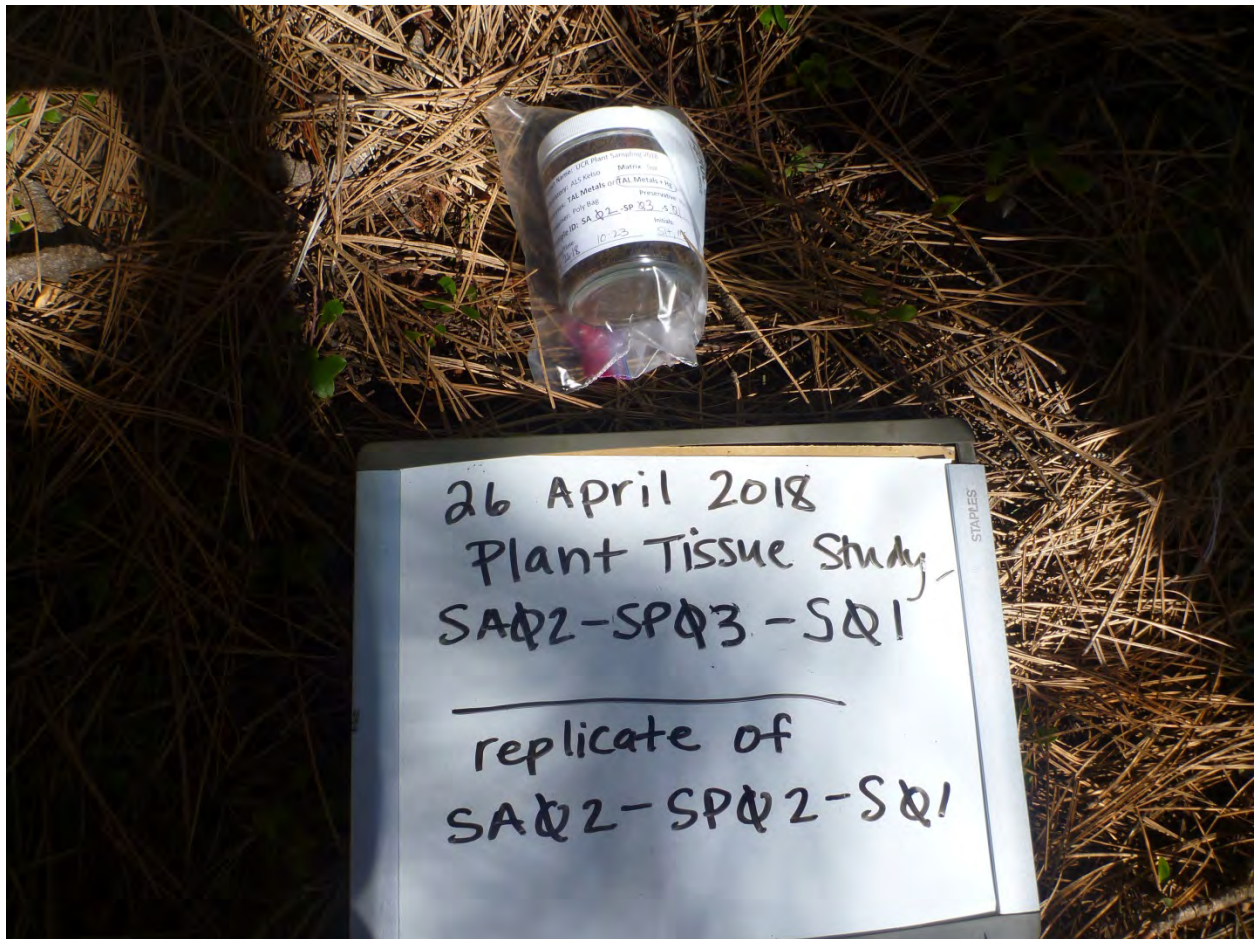


**Sample ID: SA02-SP03-S01**

Collection Date: Apr 26, 2018  
Collection Time: 10:23  
Sample Type: Individual (replicate)  
Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971049  
LongWGS84: -117.674030





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP04-P01**

Collection Date: Apr 26, 2018

Collection Time: 10:57

Species Name: *Arctostaphylos uva-ursi*

Sample Type: Individual (EPA split)

Sample Mass: 11.4 grams

**Coordinates:**

LatWGS84: 48.971495

LongWGS84: -117.673774





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP04-S01**

Collection Date: Apr 26, 2018

Collection Time: 11:00

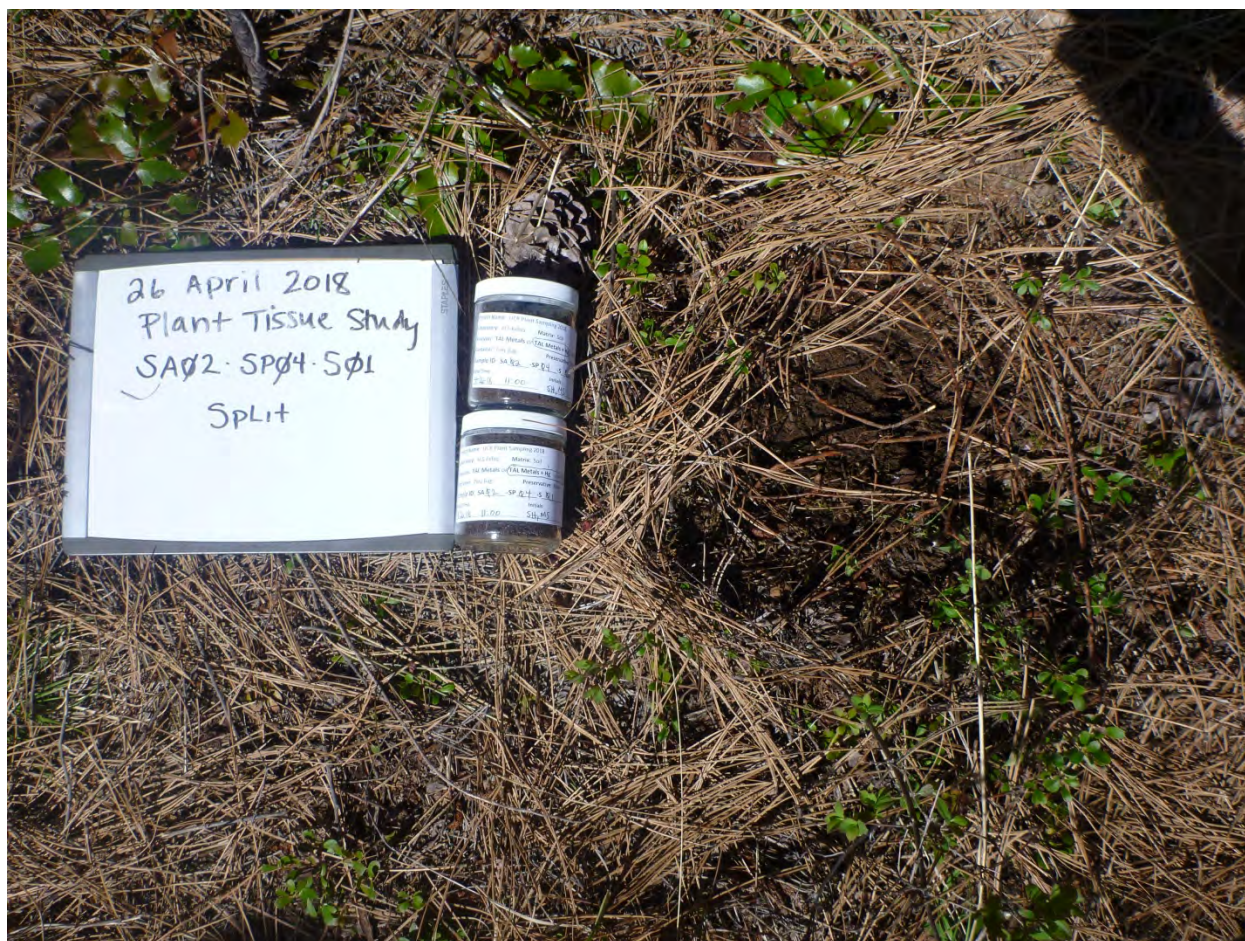
Sample Type: Individual (EPA split)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971495

LongWGS84: -117.673774





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP05-P01

Collection Date: Apr 26, 2018

Collection Time: 11:29

Species Name: *Arctostaphylos uva-ursi*

Sample Type: Individual

Sample Mass: 6.0 grams

**Coordinates:**

LatWGS84: 48.971770

LongWGS84: -117.673645





**Sample ID: SA02-SP05-S01**

Collection Date: Apr 26, 2018

Collection Time: 11:35

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971770

LongWGS84: -117.673645





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP06-P01

Collection Date: Apr 26, 2018

Collection Time: 12:16

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 3.9 grams

**Coordinates:**

LatWGS84: 48.971210

LongWGS84: -117.674264









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP06-S01**

Collection Date: Apr 26, 2018

Collection Time: 12:27

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971210

LongWGS84: -117.674264









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-SP07-P01**

Collection Date: Apr 26, 2018

Collection Time: 13:56

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 2.2 grams

**Coordinates:**

LatWGS84: 48.971303

LongWGS84: -117.674204























Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-SP07-S01

Collection Date: Apr 26, 2018

Collection Time: 14:19

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.971303

LongWGS84: -117.674204





















**Sample ID: SA03-SP01-P01**

Collection Date: Apr 26, 2018  
Collection Time: 15:47  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual  
Sample Mass: 5.6 grams

**Coordinates:**

LatWGS84: 48.922705  
LongWGS84: -117.790433





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP01-S01**

Collection Date: Apr 26, 2018

Collection Time: 15:54

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922705

LongWGS84: -117.790433



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP02-P01

Collection Date: Apr 26, 2018

Collection Time: 15:52

Species Name: Arctostaphylos uva-ursi (replicate)

Sample Type: Individual

Sample Mass: 5.7 grams

**Coordinates:**

LatWGS84: 48.922695

LongWGS84: -117.790428





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP02-S01**

Collection Date: Apr 26, 2018

Collection Time: 16:04

Sample Type: Individual (replicate)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922695

LongWGS84: -117.790428





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP03-P01

Collection Date: Apr 26, 2018

Collection Time: 16:34

Species Name: Camassia quamash

Sample Type: Composite

Sample Mass: 6.1 grams

**Coordinates:**

LatWGS84: 48.922716

LongWGS84: -117.790429







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP03-S01

Collection Date: Apr 26, 2018

Collection Time: 16:40

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922716

LongWGS84: -117.790429







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP04-P01**

Collection Date: Apr 27, 2018  
Collection Time: 09:07  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 5.4 grams

**Coordinates:**

LatWGS84: 48.922607  
LongWGS84: -117.790514







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP04-S01

Collection Date: Apr 27, 2018

Collection Time: 09:20

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922607

LongWGS84: -117.790514







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP05-P01**

Collection Date: Apr 27, 2018  
Collection Time: 09:41  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.6 grams

**Coordinates:**

LatWGS84: 48.922709  
LongWGS84: -117.790282







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP05-S01**

Collection Date: Apr 27, 2018

Collection Time: 09:49

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922709

LongWGS84: -117.790282







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP06-P01**

Collection Date: Apr 27, 2018  
Collection Time: 10:09  
Species Name: Claytonia lanceolata  
Sample Type: Composite  
Sample Mass: 4.5 grams

**Coordinates:**

LatWGS84: 48.922673  
LongWGS84: -117.790222





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP06-S01

Collection Date: Apr 27, 2018

Collection Time: 10:20

Sample Type: Composite

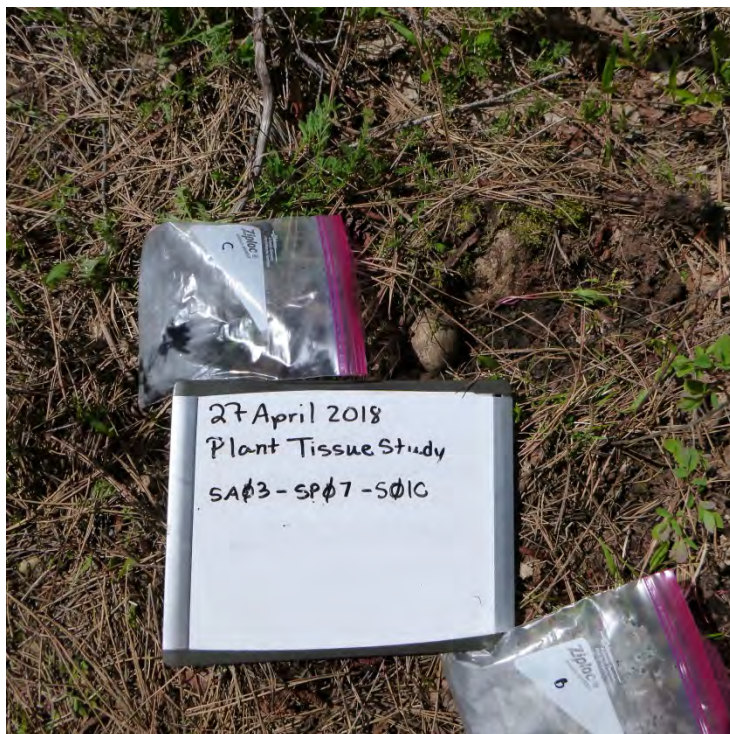
Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922673

LongWGS84: -117.790222







Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP07-P01**

Collection Date: Apr 27, 2018

Collection Time: 10:35

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 1.8 grams

**Coordinates:**

LatWGS84: 48.922677

LongWGS84: -117.790201





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP07-S01**

Collection Date: Apr 27, 2018

Collection Time: 10:51

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922677

LongWGS84: -117.790201





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP08-P01

Collection Date: Apr 27, 2018

Collection Time: 11:26

Species Name: *Lomatium triternatum*

Sample Type: Individual

Sample Mass: 6.8 grams

**Coordinates:**

LatWGS84: 48.922634

LongWGS84: -117.790091





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP08-S01

Collection Date: Apr 27, 2018

Collection Time: 11:29

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922634

LongWGS84: -117.790091





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP09-P01

Collection Date: Apr 27, 2018

Collection Time: 13:04

Species Name: Lomatium triternatum

Sample Type: Composite

Sample Mass: 4.8 grams

**Coordinates:**

LatWGS84: 48.922809

LongWGS84: -117.789883





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP09-S01

Collection Date: Apr 27, 2018

Collection Time: 13:20

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922809

LongWGS84: -117.789883





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP10-P01

Collection Date: Apr 27, 2018

Collection Time: 13:43

Species Name: *Arctostaphylos uva-ursi*

Sample Type: Individual

Sample Mass: 5.8 grams

**Coordinates:**

LatWGS84: 48.922773

LongWGS84: -117.789882





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP10-S01**

Collection Date: Apr 27, 2018

Collection Time: 13:46

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922773

LongWGS84: -117.789882





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP11-P01**

Collection Date: Apr 27, 2018

Collection Time: 13:57

Species Name: *Arctostaphylos uva-ursi*

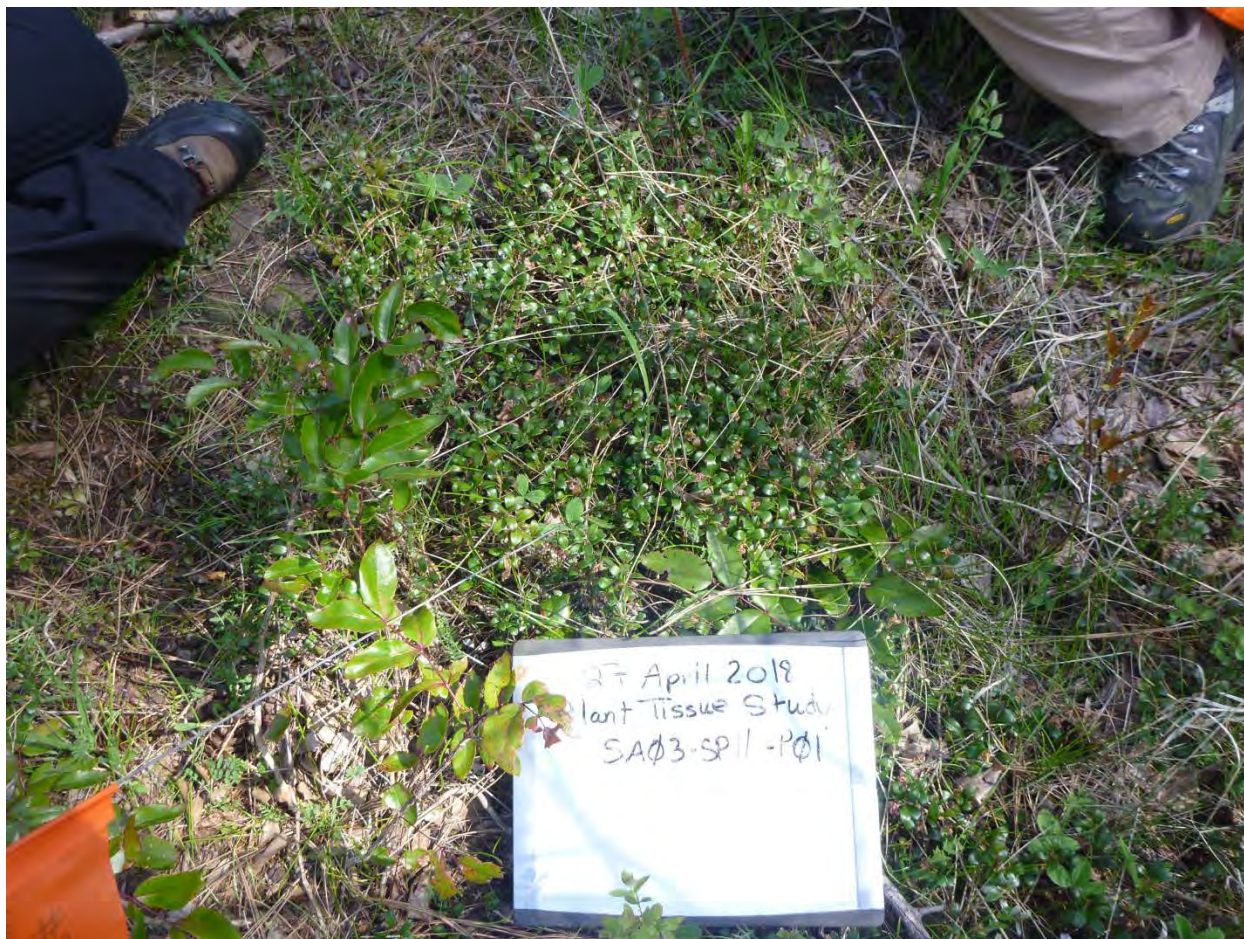
Sample Type: Individual (EPA split)

Sample Mass: 11.2 grams

**Coordinates:**

LatWGS84: 48.922644

LongWGS84: -117.789947





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP11-S01

Collection Date: Apr 27, 2018

Collection Time: 14:09

Sample Type: Individual (EPA split)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922644

LongWGS84: -117.789947





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-SP12-P01

Collection Date: Apr 27, 2018

Collection Time: 14:33

Species Name: Lomatium triternatum

Sample Type: Composite

Sample Mass: 6.9 grams

**Coordinates:**

LatWGS84: 48.922811

LongWGS84: -117.789870





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-SP12-S01**

Collection Date: Apr 27, 2018

Collection Time: 14:49

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922811

LongWGS84: -117.789870



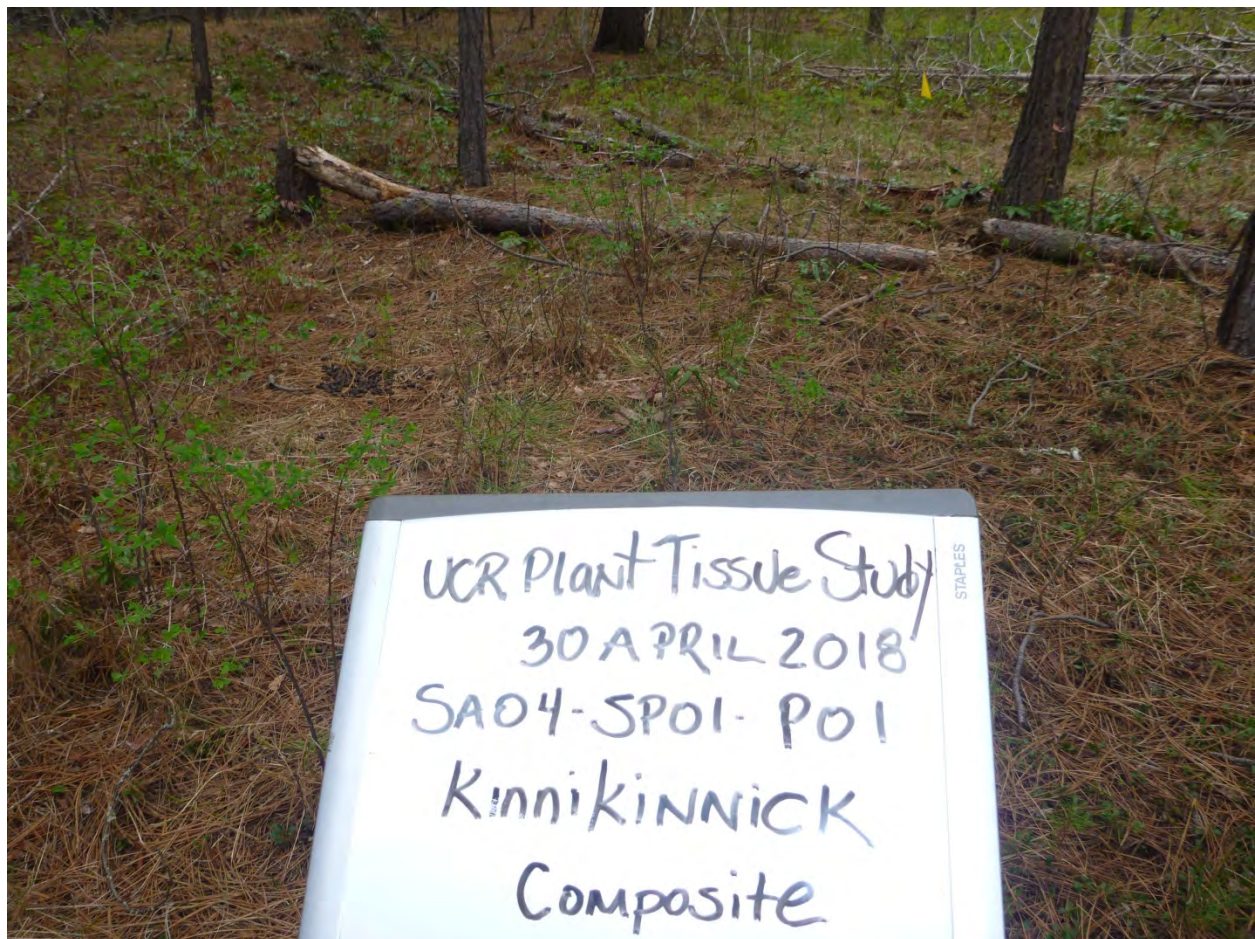


**Sample ID: SA04-SP01-P01**

Collection Date: Apr 30, 2018  
Collection Time: 15:27  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual  
Sample Mass: 5.8 grams

**Coordinates:**

LatWGS84: 48.972619  
LongWGS84: -117.676693





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP01-S01**

Collection Date: Apr 30, 2018

Collection Time: 15:33

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972619

LongWGS84: -117.676693





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP02-P01**

Collection Date: Apr 30, 2018  
Collection Time: 15:30  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual (replicate)  
Sample Mass: 6.1 grams

**Coordinates:**

LatWGS84: 48.972649  
LongWGS84: -117.676634





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP02-S01**

Collection Date: Apr 30, 2018

Collection Time: 15:36

Sample Type: Individual (replicate)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972649

LongWGS84: -117.676634





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP03-P01**

Collection Date: Apr 30, 2018  
Collection Time: 16:02  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual (EPA split)  
Sample Mass: 11.5 grams

**Coordinates:**

LatWGS84: 48.972676  
LongWGS84: -117.676218



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-SP03-S01

Collection Date: Apr 30, 2018

Collection Time: 16:05

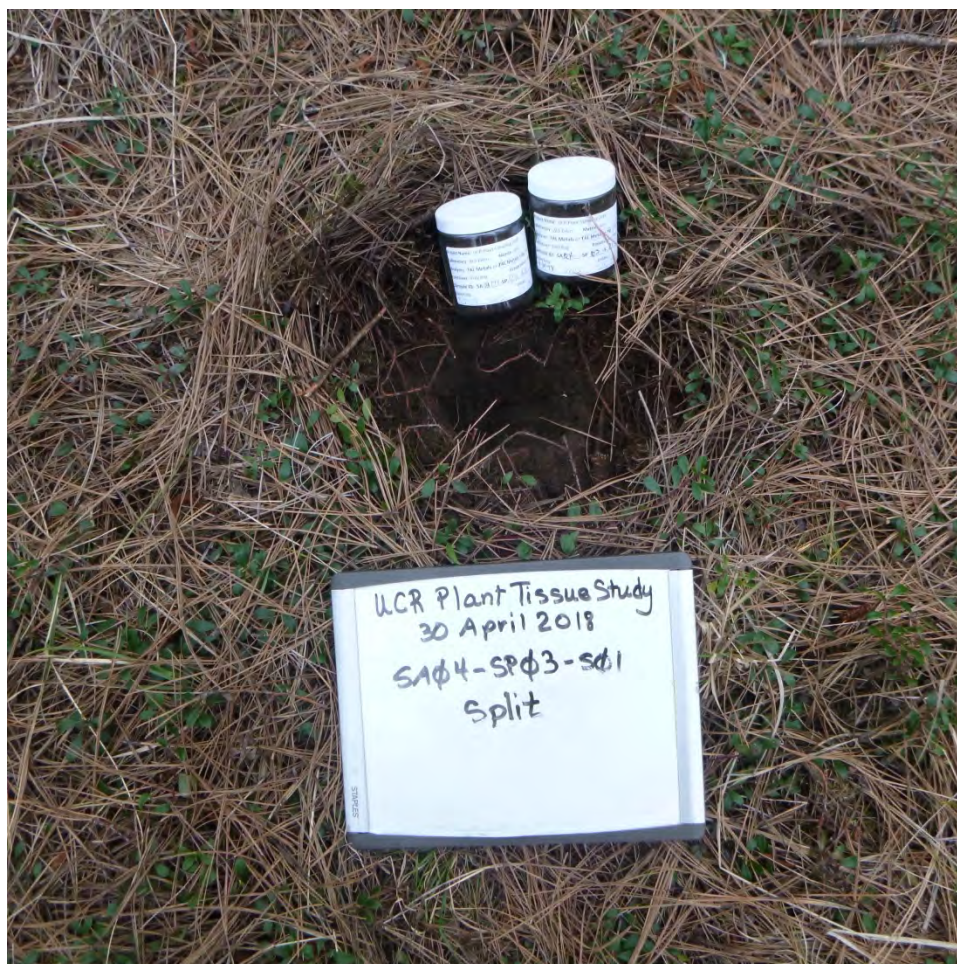
Sample Type: Individual (EPA split)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972676

LongWGS84: -117.676218





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP04-P01**

Collection Date: Apr 30, 2018

Collection Time: 16:19

Species Name: *Arctostaphylos uva-ursi*

Sample Type: Individual

Sample Mass: 6.4 grams

**Coordinates:**

LatWGS84: 48.972774

LongWGS84: -117.675754



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP04-S01**

Collection Date: Apr 30, 2018

Collection Time: 16:23

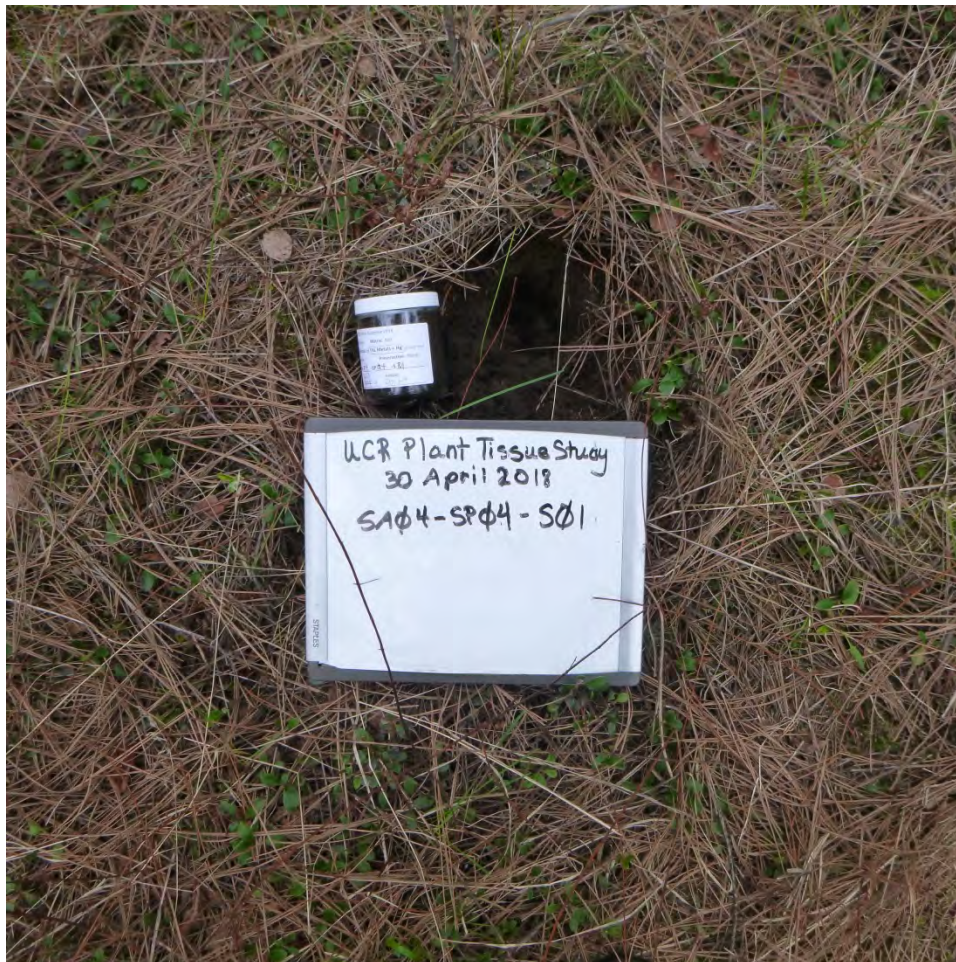
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972774

LongWGS84: -117.675754





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-SP05-P01

Collection Date: May 1, 2018

Collection Time: 14:36

Species Name: Arctostaphylos uva-ursi

Sample Type: Individual

Sample Mass: 6.0 grams

**Coordinates:**

LatWGS84: 48.972689

LongWGS84: -117.675668



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



Sample ID: SA04-SP05-S01

Collection Date: May 1, 2018

Collection Time: 14:42

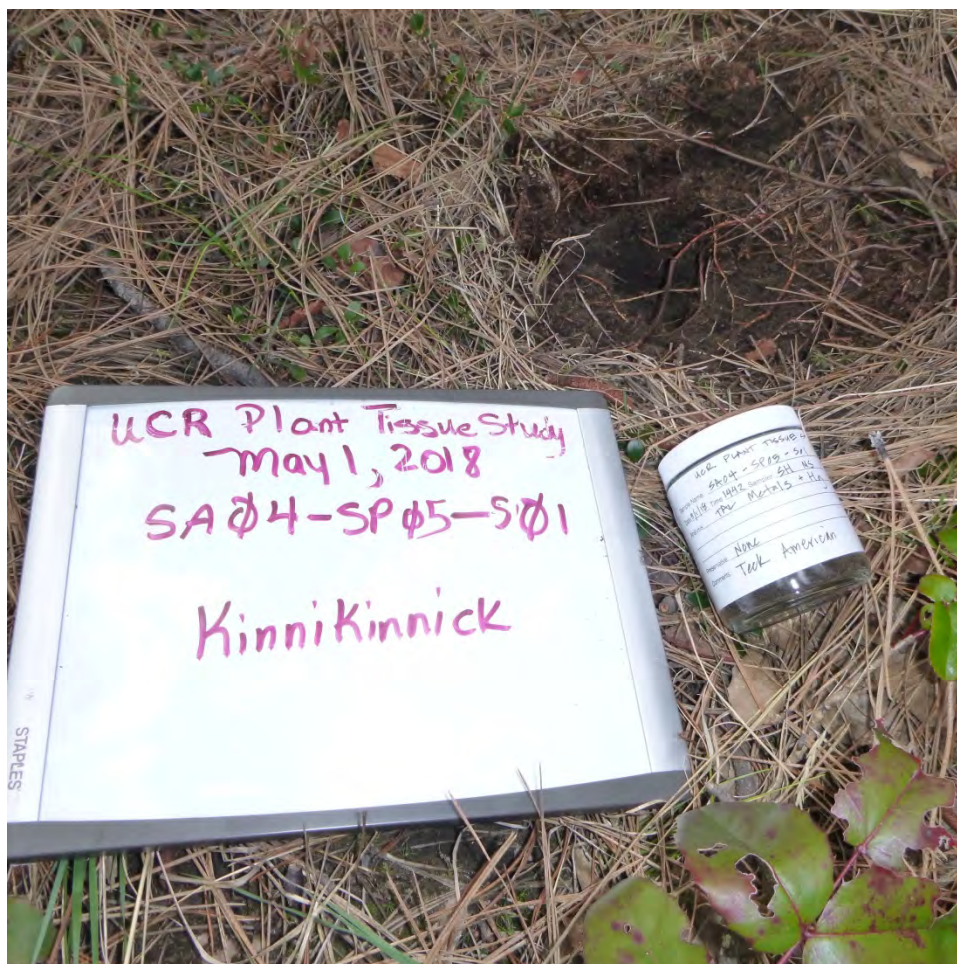
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972689

LongWGS84: -117.675668





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP06-P01**

Collection Date: May 1, 2018  
Collection Time: 14:54  
Species Name: *Arctostaphylos uva-ursi*  
Sample Type: Individual  
Sample Mass: 6.0 grams

**Coordinates:**

LatWGS84: 48.972544  
LongWGS84: -117.675649





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-SP06-S01

Collection Date: May 1, 2018

Collection Time: 14:57

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972544

LongWGS84: -117.675649





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP07-P01**

Collection Date: May 1, 2018

Collection Time: 15:25

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 3.3 grams

**Coordinates:**

LatWGS84: 48.972816

LongWGS84: -117.675817





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-SP07-S01

Collection Date: May 1, 2018

Collection Time: 15:53

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972816

LongWGS84: -117.675817





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-SP08-P01

Collection Date: May 1, 2018

Collection Time: 15:34

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 4.1 grams

**Coordinates:**

LatWGS84: 48.972855

LongWGS84: -117.675897



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-SP08-S01**

Collection Date: May 1, 2018

Collection Time: 16:10

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.972855

LongWGS84: -117.675897





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA05-SP01-P01

Collection Date: Apr 30, 2018

Collection Time: 09:06

Species Name: Lomatium triternatum

Sample Type: Composite

Sample Mass: 4.7 grams

**Coordinates:**

LatWGS84: 48.951467

LongWGS84: -117.722772





**Sample ID: SA05-SP01-S01**

Collection Date: Apr 30, 2018

Collection Time: 09:25

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951467

LongWGS84: -117.722772





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP02-P01**

Collection Date: Apr 30, 2018

Collection Time: 09:06

Species Name: *Lomatium triternatum*

Sample Type: Individual

Sample Mass: 7.0 grams

**Coordinates:**

LatWGS84: 48.951464

LongWGS84: -117.722769





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP02-S01**

Collection Date: Apr 30, 2018

Collection Time: 09:23

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84:48.951464

LongWGS84: -117.722769





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP03-P01**

Collection Date: Apr 30, 2018

Collection Time: 09:49

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 7.0 grams

**Coordinates:**

LatWGS84: 48.951366

LongWGS84: -117.722533





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP03-S01**

Collection Date: Apr 30, 2018

Collection Time: 10:15

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951366

LongWGS84: -117.722533







**Sample ID: SA05-SP04-P01**

Collection Date: Apr 30, 2018  
Collection Time: 11:09  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 5.1 grams

**Coordinates:**

LatWGS84: 48.951380  
LongWGS84: -117.722807





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP04-S01**

Collection Date: Apr 30, 2018

Collection Time: 11:16

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951380

LongWGS84: -117.722807





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA05-SP05-P01

Collection Date: Apr 30, 2018

Collection Time: 11:30

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 4.9 grams

**Coordinates:**

LatWGS84: 48.950768

LongWGS84: -117.722278





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP05-S01**

Collection Date: Apr 30, 2018

Collection Time: 11:32

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.950768

LongWGS84: -117.722278





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP06-P01**

Collection Date: Apr 30, 2018

Collection Time: 11:47

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 3.9 grams

**Coordinates:**

LatWGS84: 48.950759

LongWGS84: -117.722269





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP06-S01**

Collection Date: Apr 30, 2018

Collection Time: 11:51

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.950759

LongWGS84: -117.722269





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP07-P01**

Collection Date: Apr 30, 2018  
Collection Time: 12:48  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.5 grams

**Coordinates:**

LatWGS84: 48.950892  
LongWGS84: -117.721964





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP07-S01**

Collection Date: Apr 30, 2018

Collection Time: 12:50

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.950892

LongWGS84: -117.721964





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA05-SP08-P01

Collection Date: Apr 30, 2018

Collection Time: 13:05

Species Name: Camassia quamash

Sample Type: Composite

Sample Mass: 4.8 grams

**Coordinates:**

LatWGS84: 48.951478

LongWGS84: -117.722370





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP08-S01**

Collection Date: Apr 30, 2018

Collection Time: 13:17

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951478

LongWGS84: -117.722370









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP09-P01**

Collection Date: Apr 30, 2018  
Collection Time: 13:43  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 5.5 grams

**Coordinates:**

LatWGS84: 48.951493  
LongWGS84: -117.721581





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA05-SP09-S01

Collection Date: Apr 30, 2018

Collection Time: 13:45

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951493

LongWGS84: -117.721581













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP10-P01**

Collection Date: Apr 30, 2018

Collection Time: 14:15

Species Name: Bryoria fremontii

Sample Type: Composite

Sample Mass: 4.1 grams

**Coordinates:**

LatWGS84: 48.951097

LongWGS84: -117.721920





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA05-SP10-S01**

Collection Date: Apr 30, 2018

Collection Time: 14:17

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.951097

LongWGS84: -117.721920





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-SP01-P01

Collection Date: May 1, 2018

Collection Time: 16:55

Species Name: Arctostaphylos uva-ursi

Sample Type: Individual

Sample Mass: 8.7 grams

**Coordinates:**

LatWGS84: 48.976034

LongWGS84: -117.674804





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-SP01-S01

Collection Date: May 01, 2018

Collection Time: 17:00

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.976034

LongWGS84: -117.674804





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-SP02-P01

Collection Date: May 1, 2018

Collection Time: 16:57

Species Name: Arctostaphylos uva-ursi

Sample Type: Individual (replicate)

Sample Mass: 6.4 grams

**Coordinates:**

LatWGS84: 48.976043

LongWGS84: -117.674789





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-SP02-S01

Collection Date: May 01, 2018

Collection Time: 17:03

Sample Type: Individual (replicate)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.976043

LongWGS84: -117.674789





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-SP01-P01

Collection Date: May 2, 2018  
Collection Time: 15:40  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.5 grams

**Coordinates:**

LatWGS84: 48.954138  
LongWGS84: -117.727296





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-SP01-S01

Collection Date: May 02, 2018

Collection Time: 15:55

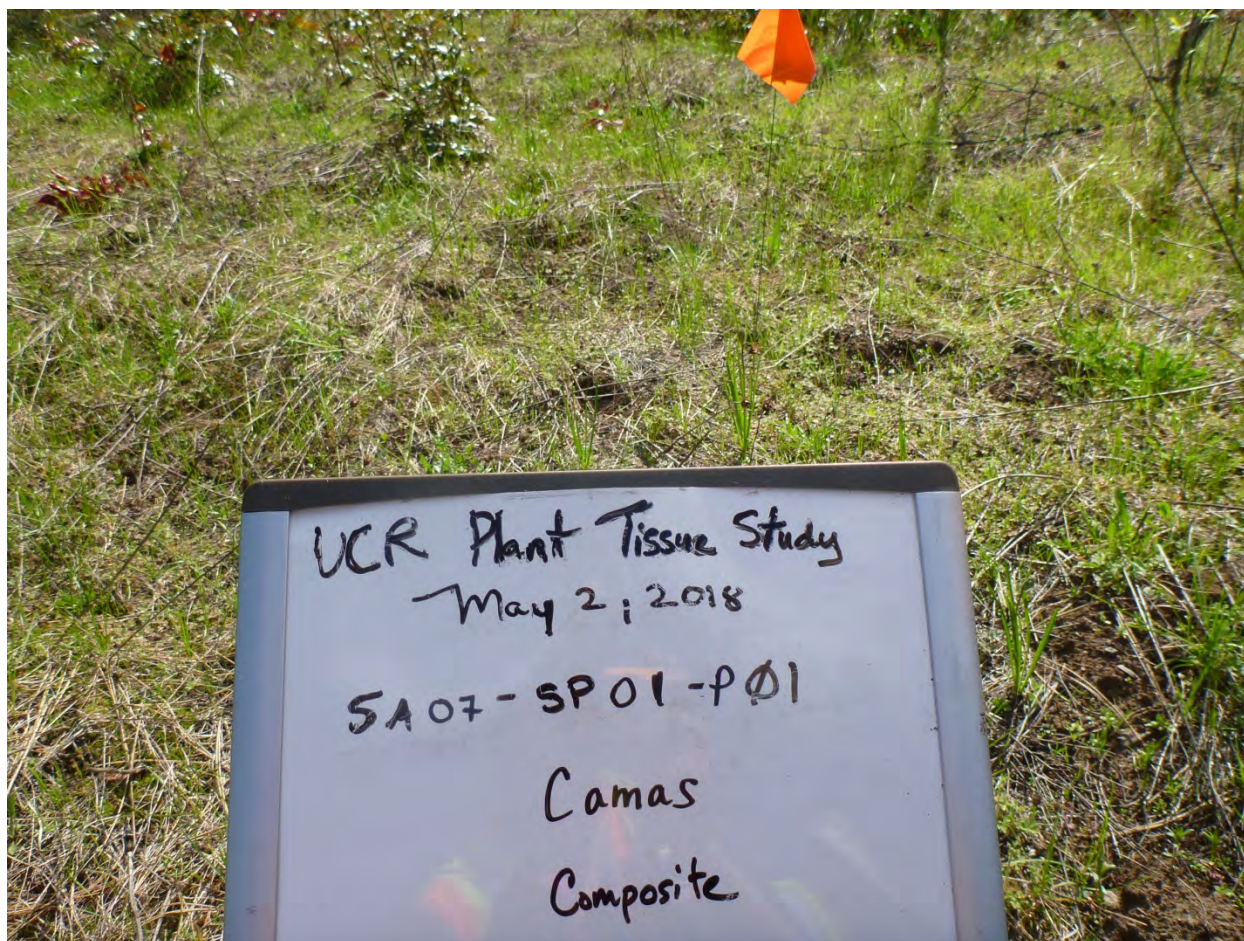
Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954138

LongWGS84: -117.727296





**Teck American Incorporated**  
**Plant Tissue Study**  
**Field Summary Report**



**Sample ID: SA07-SP02-P01**

Collection Date: May 2, 2018  
Collection Time: 16:00  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 4.6 grams

**Coordinates:**

LatWGS84: 48.954098  
LongWGS84: -117.728013





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-SP02-S01

Collection Date: May 02, 2018

Collection Time: 16:08

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954098

LongWGS84: -117.728013





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-SP03-P01**

Collection Date: May 2, 2018  
Collection Time: 16:18  
Species Name: Camassia quamash  
Sample Type: Composite  
Sample Mass: 6.4 grams

**Coordinates:**

LatWGS84: 48.954607  
LongWGS84: -117.728006





**Sample ID: SA07-SP03-S01**

Collection Date: May 02, 2018

Collection Time: 16:26

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.954607

LongWGS84: -117.728006













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-SP01-P01**

Collection Date: May 2, 2018

Collection Time: 09:37

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 8.9 grams

**Coordinates:**

LatWGS84: 48.882349

LongWGS84: -117.866624





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP01-S01

Collection Date: May 02, 2018

Collection Time: 09:45

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882349

LongWGS84: -117.866624









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-SP02-P01**

Collection Date: May 2, 2018  
Collection Time: 10:10  
Species Name: Lomatium triternatum  
Sample Type: Composite  
Sample Mass: 8.3 grams

**Coordinates:**

LatWGS84: 48.882250  
LongWGS84: -117.866681





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-SP02-S01**

Collection Date: May 02, 2018

Collection Time: 10:18

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882250

LongWGS84: -117.866681









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP03-P01

Collection Date: May 2, 2018

Collection Time: 10:45

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 9.8 grams

**Coordinates:**

LatWGS84: 48.881635

LongWGS84: -117.866532





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP03-S01

Collection Date: May 02, 2018

Collection Time: 10:55

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.881635

LongWGS84: -117.866532









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

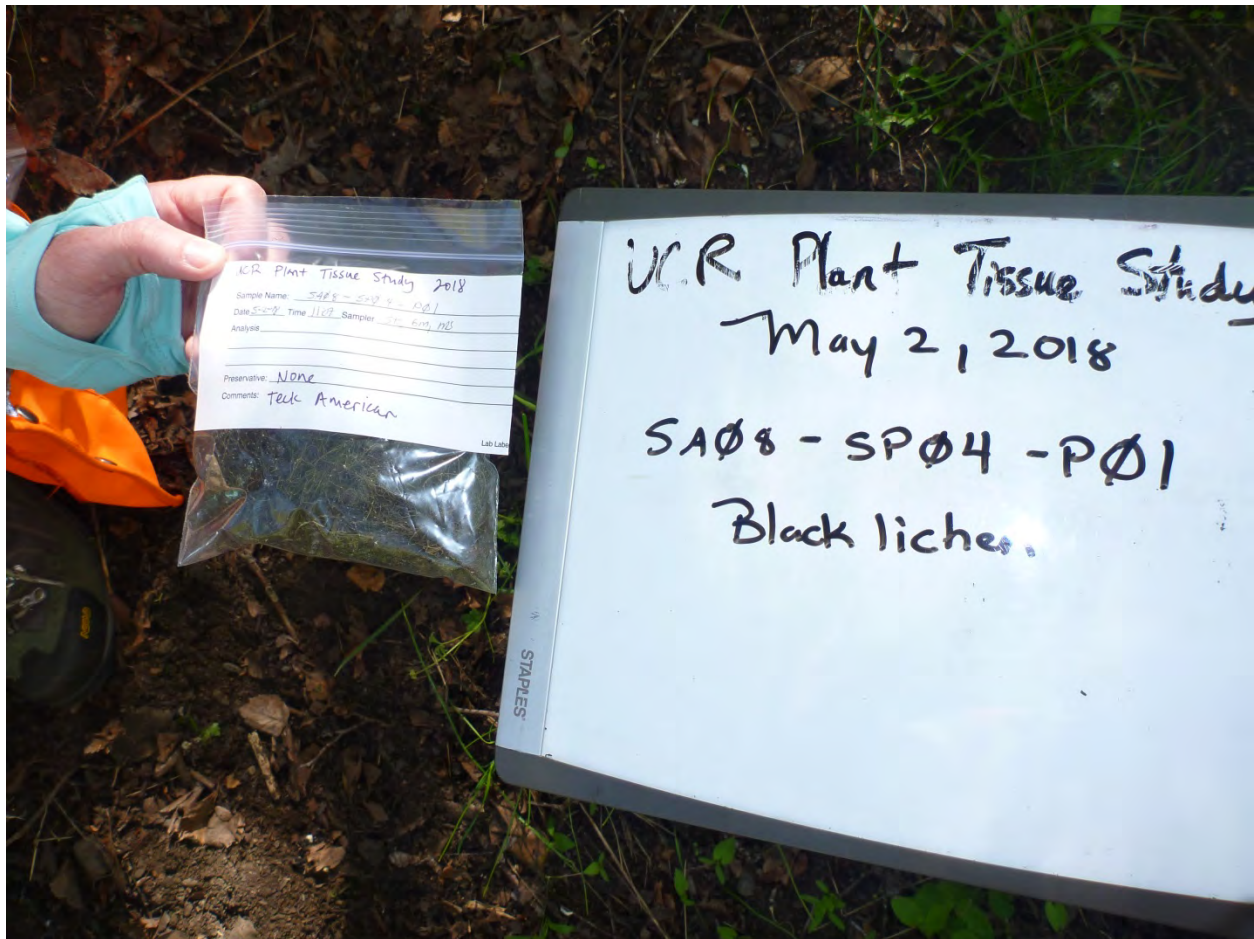


Sample ID: SA08-SP04-P01

Collection Date: May 2, 2018  
Collection Time: 11:07  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 5.0 grams

Coordinates:

LatWGS84: 48.882171  
LongWGS84: -117.867730





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-SP04-S01**

Collection Date: May 02, 2018

Collection Time: 11:13

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882171

LongWGS84: -117.867730





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

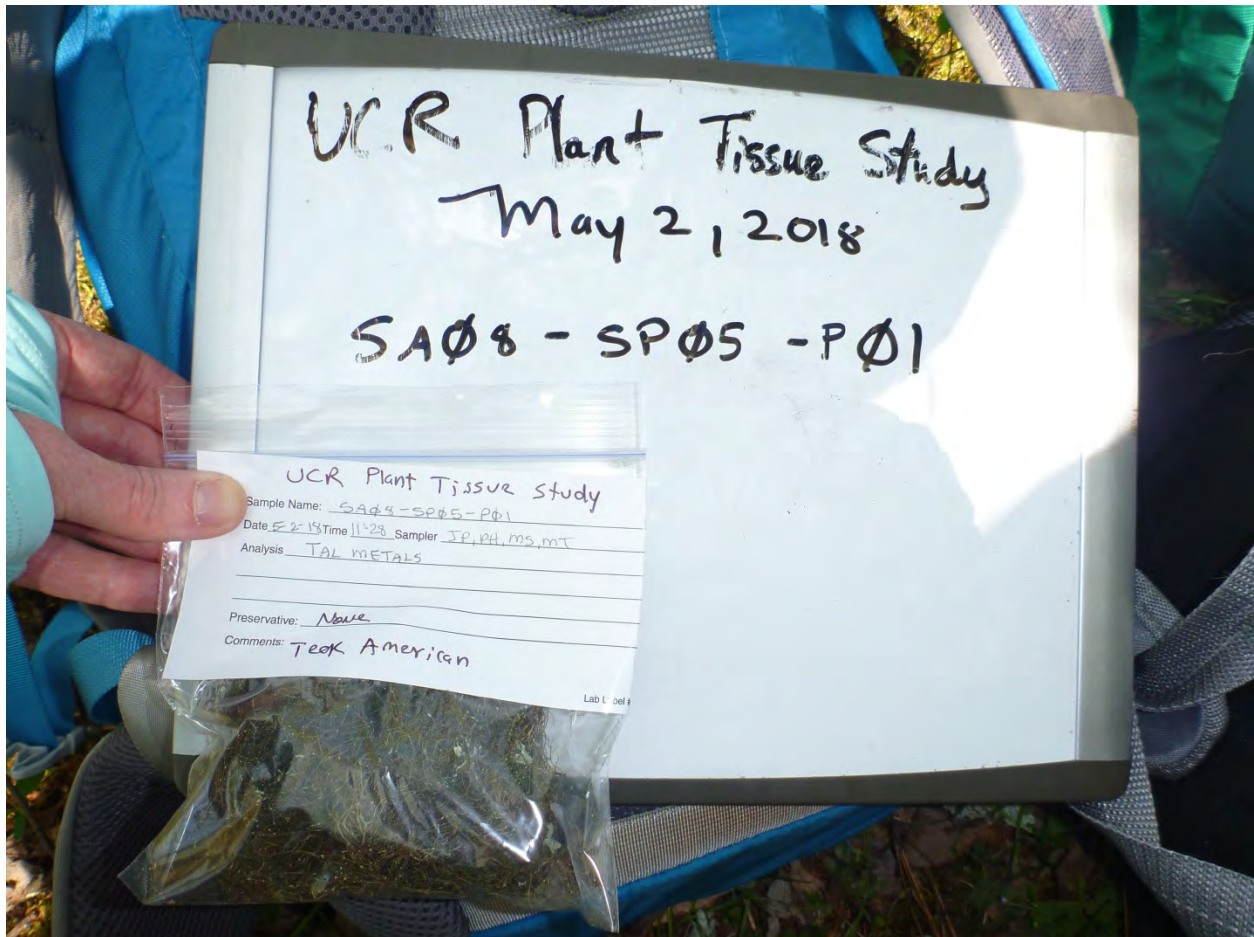


Sample ID: SA08-SP05-P01

Collection Date: May 2, 2018  
Collection Time: 11:28  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 4.1 grams

Coordinates:

LatWGS84: 48.882082  
LongWGS84: -117.867775





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP05-S01

Collection Date: May 02, 2018

Collection Time: 11:32

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882082

LongWGS84: -117.867775





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

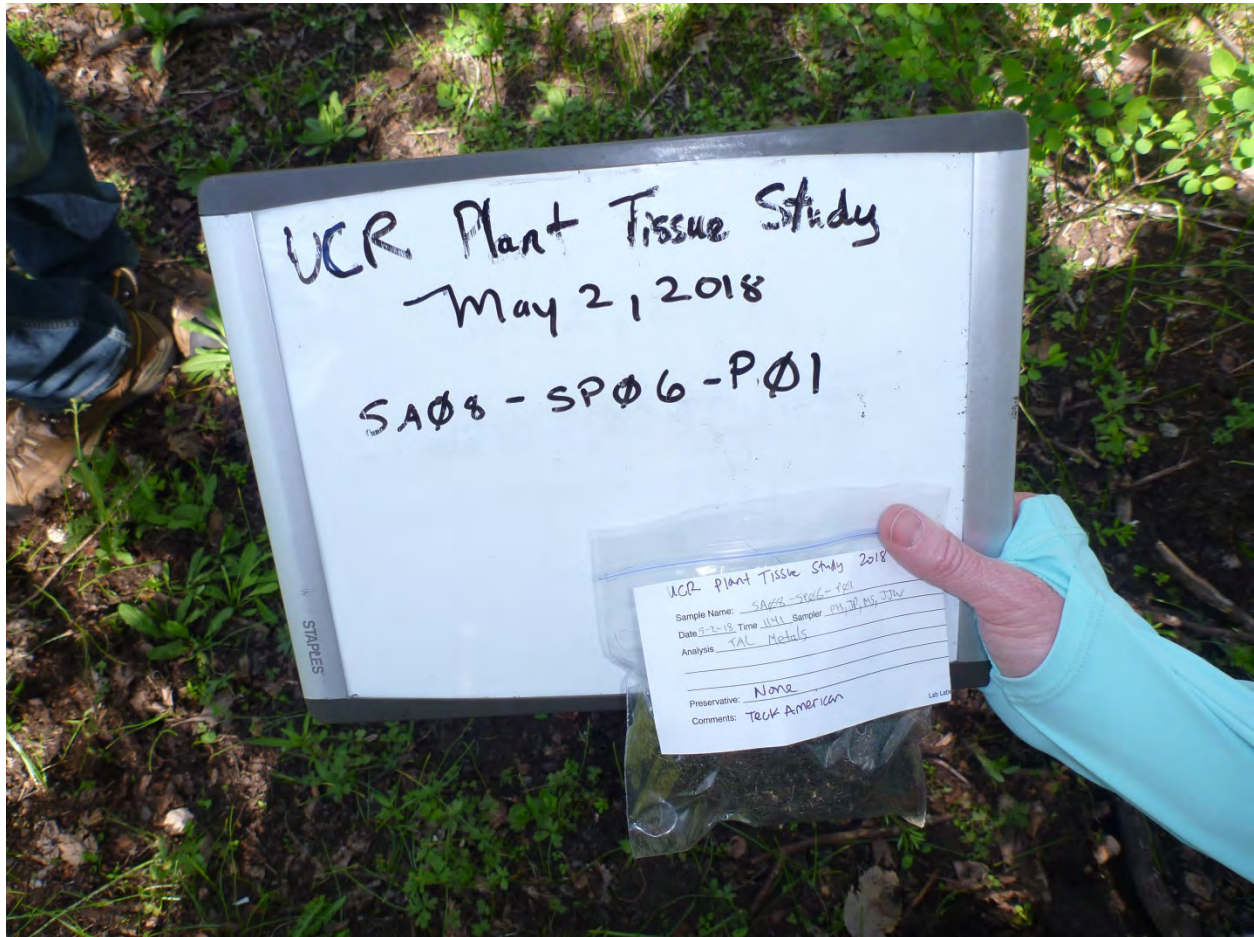


Sample ID: SA08-SP06-P01

Collection Date: May 2, 2018  
Collection Time: 11:41  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 5.8 grams

Coordinates:

LatWGS84: 48.882388  
LongWGS84: -117.867635





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP06-S01

Collection Date: May 02, 2018

Collection Time: 11:45

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882388

LongWGS84: -117.867635





**Sample ID: SA08-SP07-P01**

Collection Date: May 2, 2018  
Collection Time: 12:46  
Species Name: Bryoria fremontii  
Sample Type: Composite  
Sample Mass: 3.8 grams

**Coordinates:**

LatWGS84: 48.882380  
LongWGS84: -117.867449





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP07-S01

Collection Date: May 02, 2018

Collection Time: 12:55

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.882380

LongWGS84: -117.867449





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-SP08-P01 (NOT SAMPLED)**

Collection Date: May 2, 2018

Collection Time: n/a

Species Name: n/a

Sample Type: n/a

Sample Mass: n/a

**Coordinates:**

LatWGS84: 48.880284

LongWGS84: -117.866251





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP09-P01

Collection Date: May 2, 2018

Collection Time: 13:37

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 4.1 grams

**Coordinates:**

LatWGS84: 48.879853

LongWGS84: -117.866087





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP09-S01

Collection Date: May 02, 2018

Collection Time: 13:51

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.879853

LongWGS84: -117.866087













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP10-P01

Collection Date: May 2, 2018

Collection Time: 14:15

Species Name: Claytonia lanceolata

Sample Type: Composite

Sample Mass: 3.8 grams

**Coordinates:**

LatWGS84: 48.879989

LongWGS84: -117.866321





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-SP10-S01

Collection Date: May 02, 2018

Collection Time: 14:25

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.879989

LongWGS84: -117.866321













Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP01-P01

Collection Date: May 1, 2018

Collection Time: 09:27

Species Name: *Salix exigua*

Sample Type: Individual

Sample Length: 190 centimeters

**Coordinates:**

LatWGS84: 48.452967

LongWGS84: -118.221428





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA16-SP01-S01**

Collection Date: May 01, 2018

Collection Time: 09:51

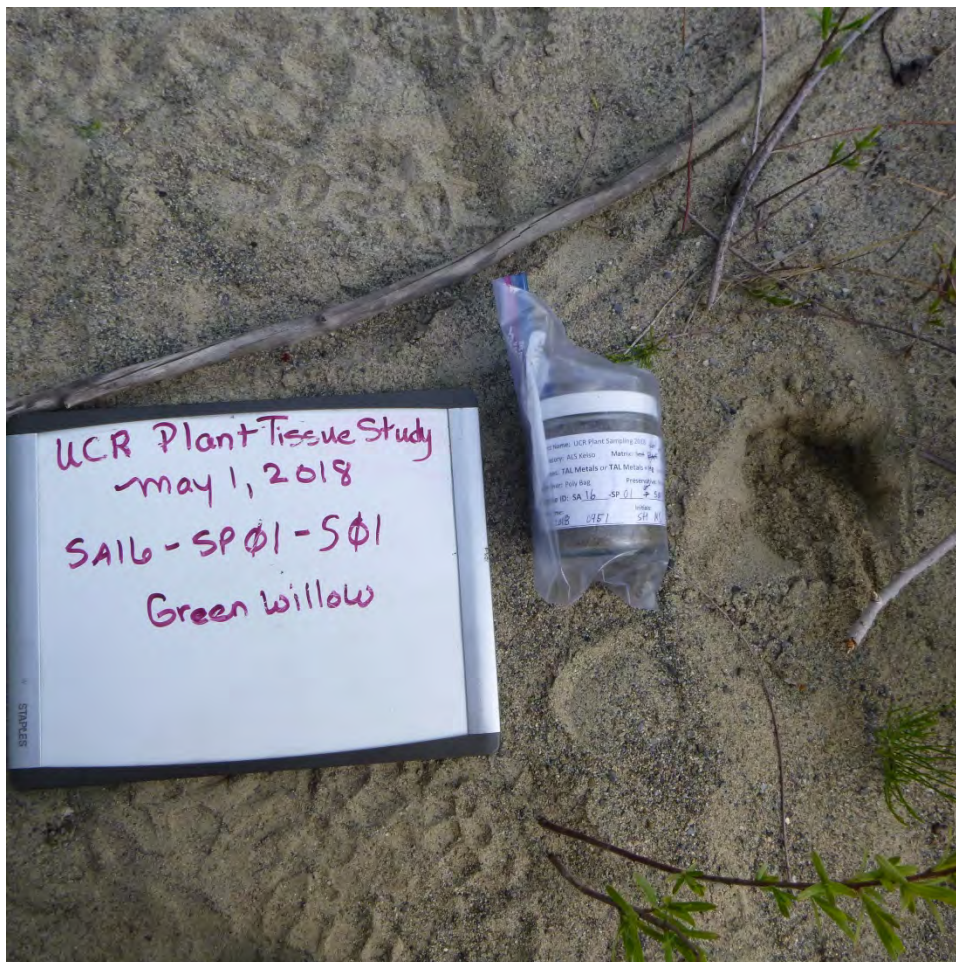
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.452967

LongWGS84: -118.221428





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP02-P01

Collection Date: May 1, 2018

Collection Time: 09:42

Species Name: *Salix exigua*

Sample Type: Individual (replicate)

Sample Length: 190 centimeters

**Coordinates:**

LatWGS84: 48.452966

LongWGS84: -118.221431





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA16-SP02-S01**

Collection Date: May 01, 2018

Collection Time: 09:59

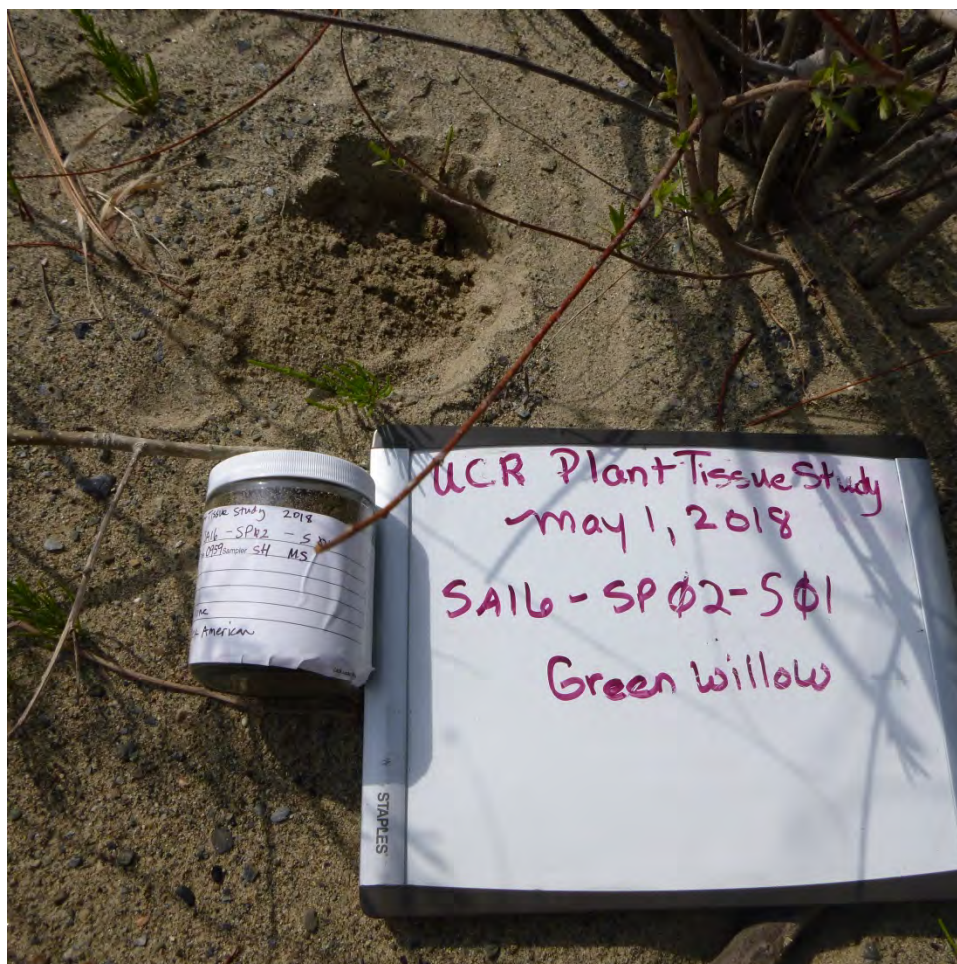
Sample Type: Individual (replicate)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.452966

LongWGS84: -118.221431





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report

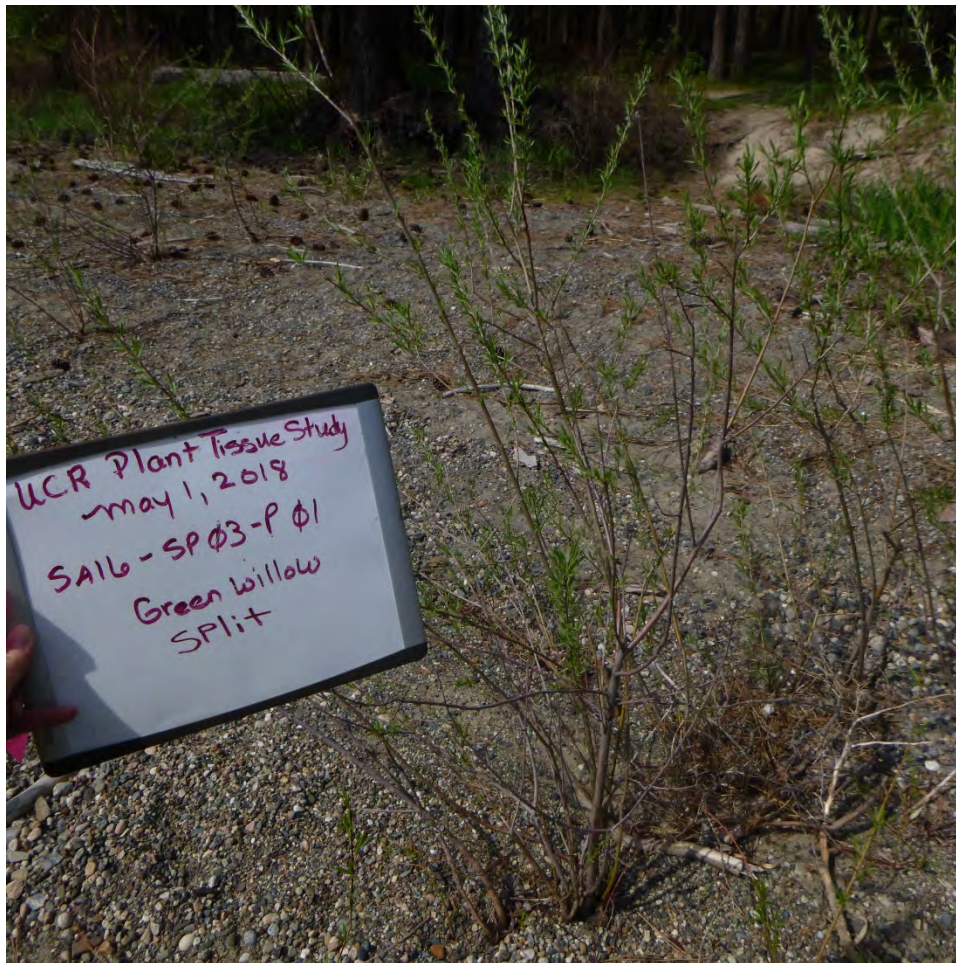


**Sample ID: SA16-SP03-P01**

Collection Date: May 1, 2018  
Collection Time: 10:12  
Species Name: Salix exigua  
Sample Type: Individual (EPA split)  
Sample Length: 405 centimeters

**Coordinates:**

LatWGS84: 48.452894  
LongWGS84: -118.221512





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA16-SP03-S01**

Collection Date: May 01, 2018

Collection Time: 10:20

Sample Type: Individual (EPA split)

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.452894

LongWGS84: -118.221512





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP04-P01

Collection Date: May 1, 2018

Collection Time: 10:32

Species Name: Salix exigua

Sample Type: Individual

Sample Length: 205 centimeters

**Coordinates:**

LatWGS84: 48.452576

LongWGS84: -118.221123





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP04-S01

Collection Date: May 01, 2018

Collection Time: 10:37

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.452576

LongWGS84: -118.221123





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA16-SP05-P01**

Collection Date: May 1, 2018  
Collection Time: 10:54  
Species Name: Salix exigua  
Sample Type: Individual  
Sample Length: 215 centimeters

**Coordinates:**

LatWGS84: 48.452127  
LongWGS84: -118.221027





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP05-S01

Collection Date: May 01, 2018

Collection Time: 10:57

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.452127

LongWGS84: -118.221027





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP06-P01

Collection Date: May 1, 2018

Collection Time: 11:05

Species Name: *Salix exigua*

Sample Type: Individual

Sample Length: 217 centimeters

**Coordinates:**

LatWGS84: 48.451876

LongWGS84: -118.221438





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP06-S01

Collection Date: May 01, 2018

Collection Time: 11:09

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.451876

LongWGS84: -118.221438





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA16-SP07-P01**

Collection Date: May 1, 2018

Collection Time: 11:18

Species Name: *Salix exigua*

Sample Type: Individual

Sample Length: 203 centimeters

**Coordinates:**

LatWGS84: 48.451846

LongWGS84: -118.220923





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA16-SP07-S01

Collection Date: May 01, 2018

Collection Time: 11:22

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.451846

LongWGS84: -118.220923





# June Sampling Event



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-JU01-P01**

Collection Date: June 19, 2018

Collection Time: 8:14

Species Name: Rosa sp.

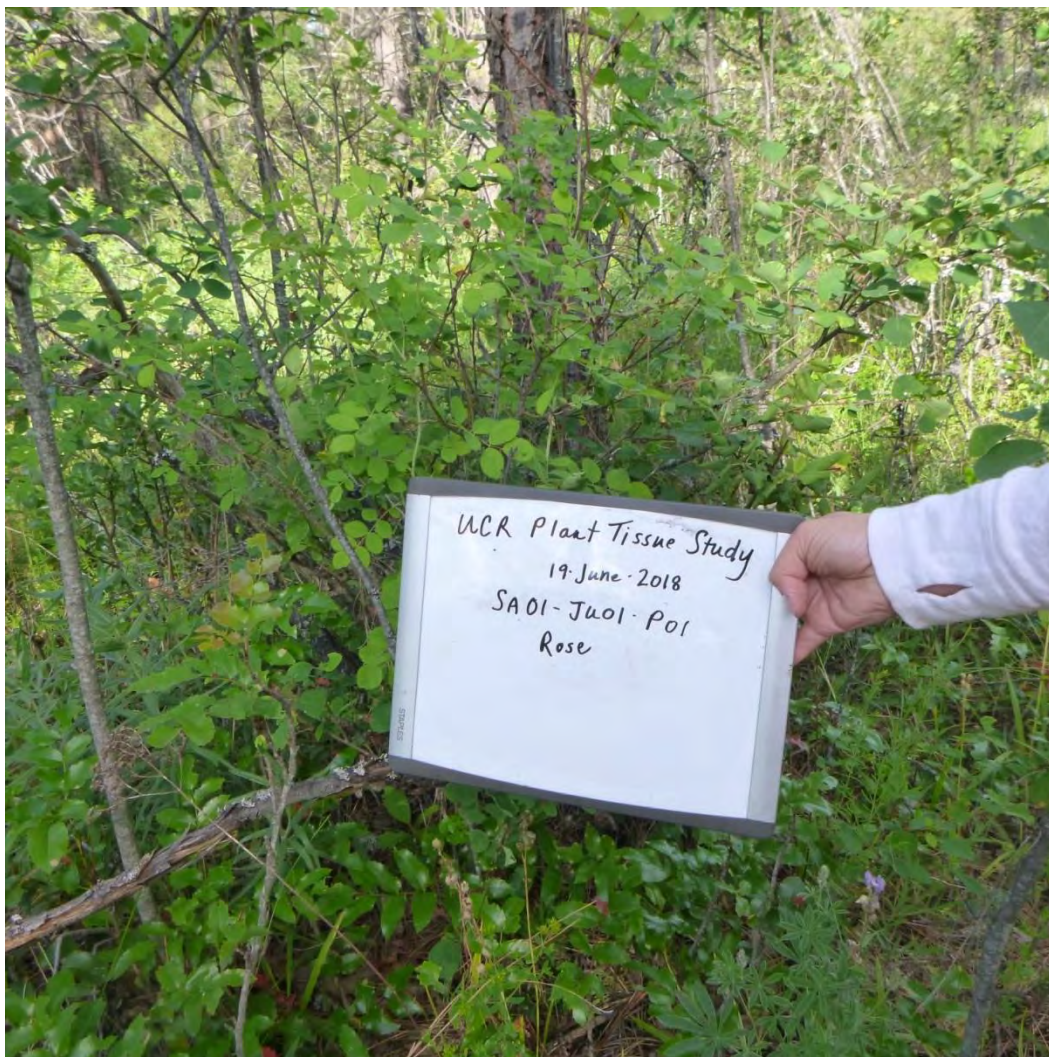
Sample Type: Individual

Sample Mass: 275 cm

**Coordinates:**

LatWGS84: 48.9543504845264

LongWGS84: -117.7178520085





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU01-S01

Collection Date: June 19, 2018

Collection Time: 8:19

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9543504845264

LongWGS84: -117.7178520085





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU02-P01

Collection Date: June 19, 2018

Collection Time: 8:39

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 98 cm

**Coordinates:**

LatWGS84: 48.9546724178958

LongWGS84: -117.7178945083





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU02-S01

Collection Date: June 19, 2018

Collection Time: 8:52

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

Latitude: 48.9546724178958

Longitude: -117.7178945083





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU03-P01

Collection Date: June 19, 2018

Collection Time: 8:45

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 77 cm

**Coordinates:**

LatWGS84: 48.9546871845497

LongWGS84: -117.7178798250





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU03-S01

Collection Date: June 19, 2018

Collection Time: 8:58

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9546871845497

LongWGS84: -117.7178798250





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU04-P01

Collection Date: June 19, 2018

Collection Time: 9:22

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 100 cm

**Coordinates:**

LatWGS84: 48.9543820680305

LongWGS84: -117.7192759332





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-JU04-S01

Collection Date: June 19, 2018

Collection Time: 9:26

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9543820680305

LongWGS84: -117.7192759332





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU01-P01

Collection Date: June 18, 2018

Collection Time: 14:18

Species Name: Rosa sp.

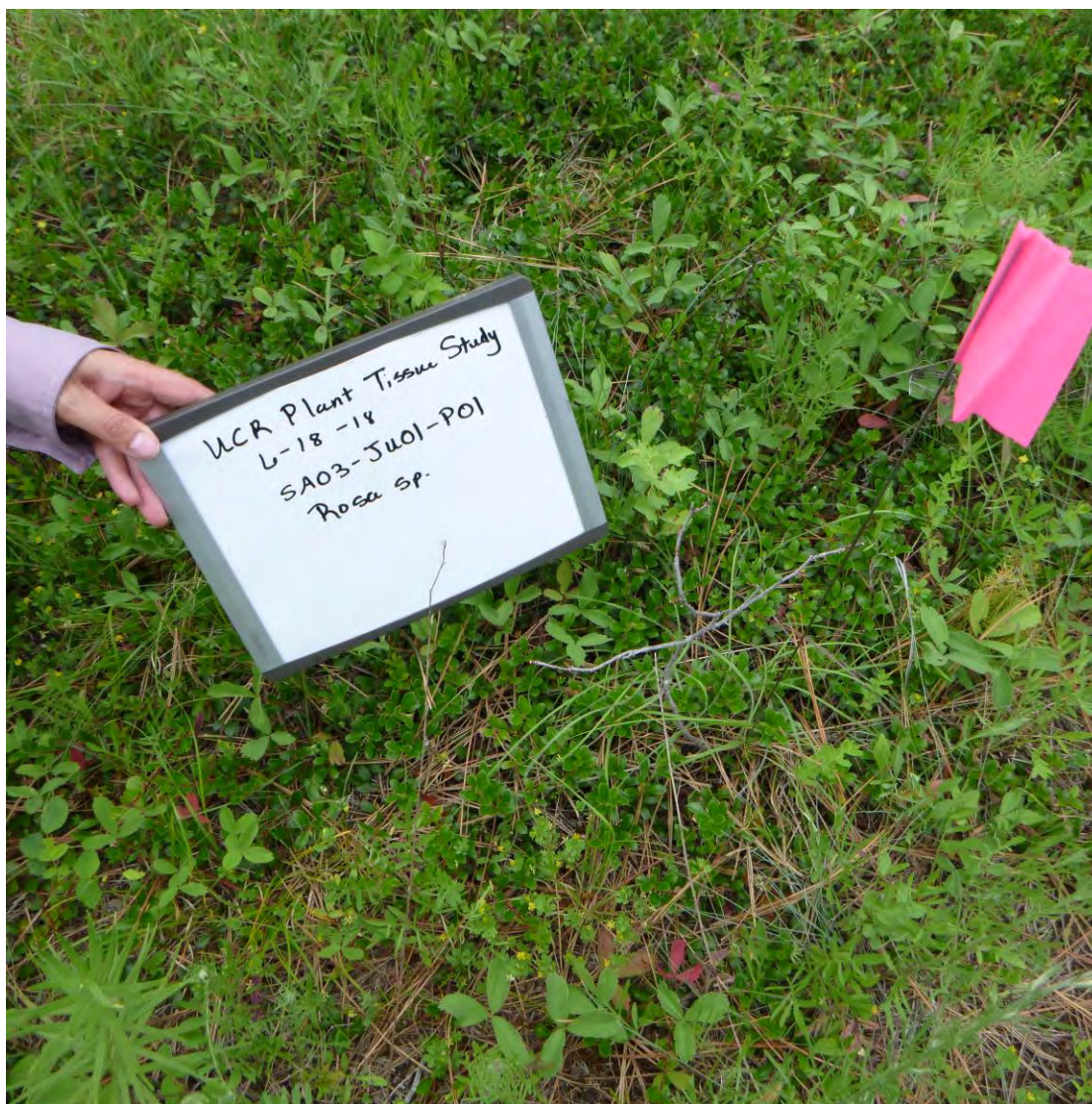
Sample Type: Individual

Sample Mass: 70 cm

**Coordinates:**

LatWGS84: 48.9226778944983

LongWGS84: -117.7903949859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-JU01-S01**

Collection Date: June 18, 2018

Collection Time: 14:32

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226778944983

LongWGS84: -117.7903949859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-JU02-P01**

Collection Date: June 18, 2018

Collection Time: 14:49

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 81 cm

Coordinates:

LatWGS84: 48.9227118028335

LongWGS84: -117.7902973859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-JU02-S01**

Collection Date: June 18, 2018

Collection Time: 14:54

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9227118028335

LongWGS84: -117.7902973859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU03-P01

Collection Date: June 18, 2018

Collection Time: 15:07

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 57 cm

**Coordinates:**

LatWGS84: 48.922684319547

LongWGS84: -117.7903973442





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU03-S01

Collection Date: June 18, 2018

Collection Time: 15:13

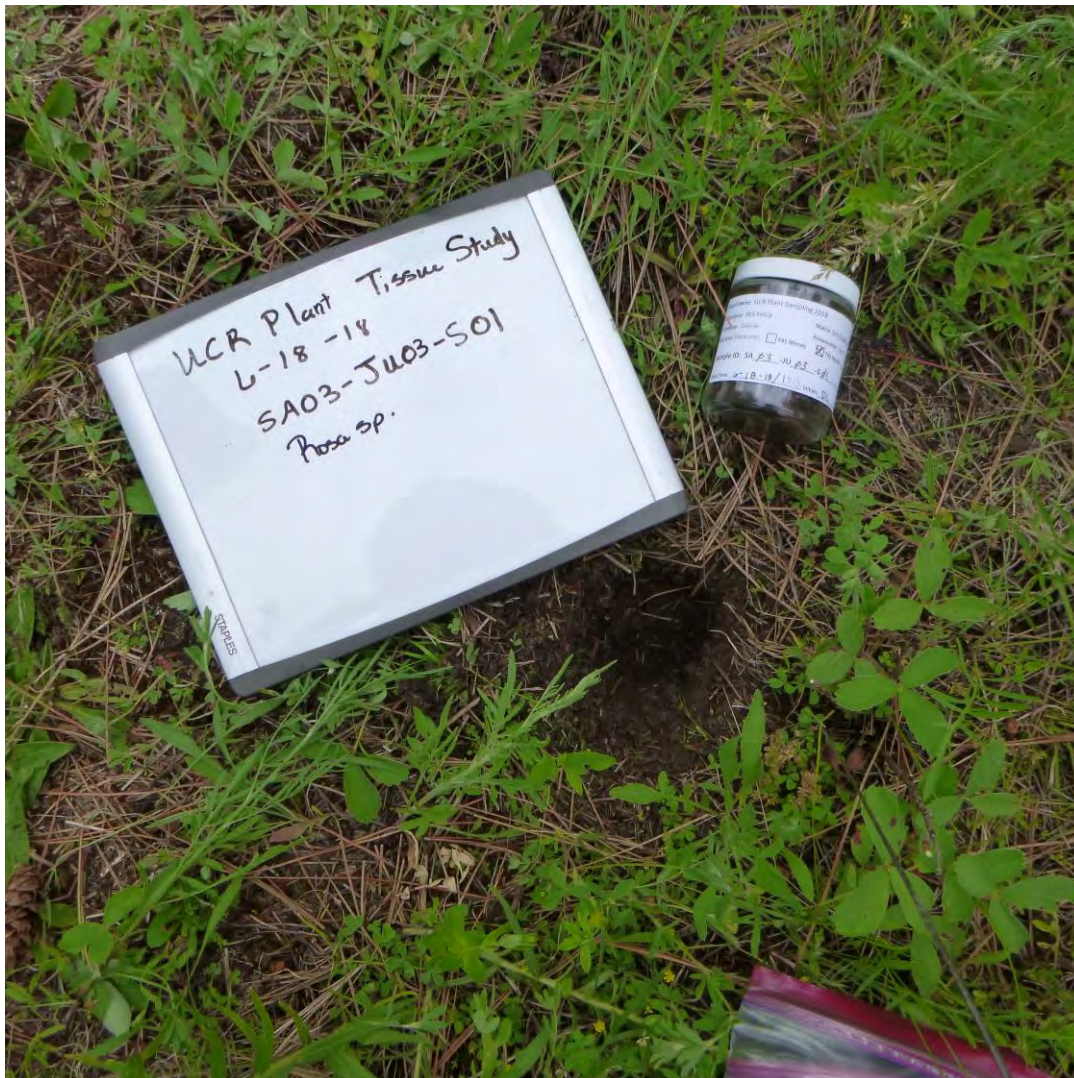
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.922684319547

LongWGS84: -117.7903973442





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU04-P01

Collection Date: June 18, 2018

Collection Time: 15:51

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 8.6 grams

**Coordinates:**

LatWGS84: 48.9225473695577

LongWGS84: -117.7904206026





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU04-S01

Collection Date: June 18, 2018

Collection Time: 16:04

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9225473695577

LongWGS84: -117.7904206026





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU05-P01

Collection Date: June 18, 2018

Collection Time: 16:28

Species Name: *Lomatium triternatum*

Sample Type: Composite

Sample Mass: 7.8 grams

**Coordinates:**

LatWGS84: 48.9225538028156

LongWGS84: -117.7903265943





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-JU05-S01

Collection Date: June 18, 2018

Collection Time: 16:41

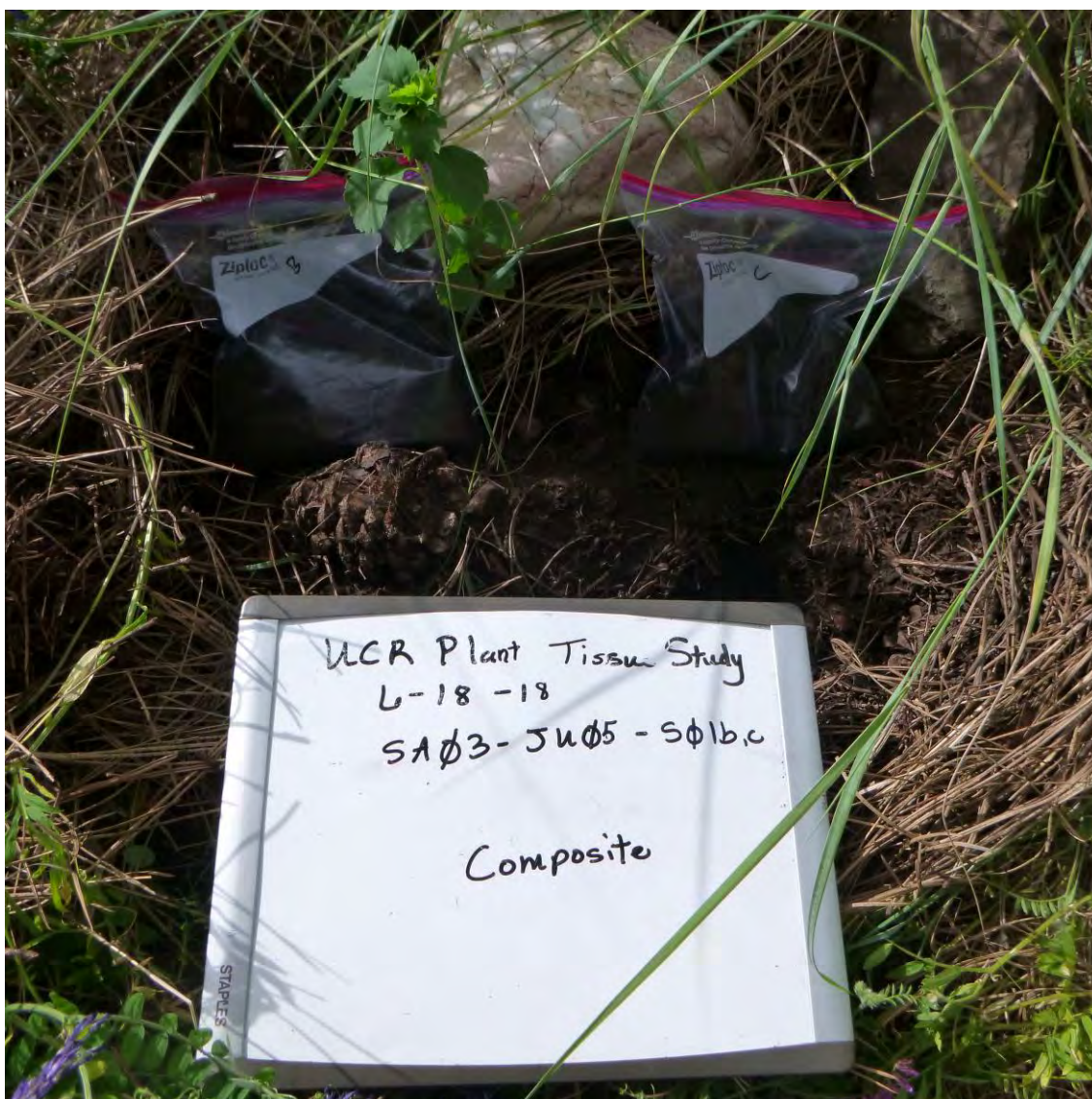
Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9225538028156

LongWGS84: -117.7903265943





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU01-P01

Collection Date: June 19, 2018

Collection Time: 12:37

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 150 cm

**Coordinates:**

LatWGS84: 48.9727344621368

LongWGS84: -117.6765225450





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU01-S01

Collection Date: June 19, 2018

Collection Time: 12:43

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727344621368

LongWGS84: -117.6765225450





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU02-P01

Collection Date: June 19, 2018

Collection Time: 13:02

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 70 cm

**Coordinates:**

LatWGS84: 48.9727707788295

LongWGS84: -117.6765212616





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU02-S01

Collection Date: June 19, 2018

Collection Time: 13:08

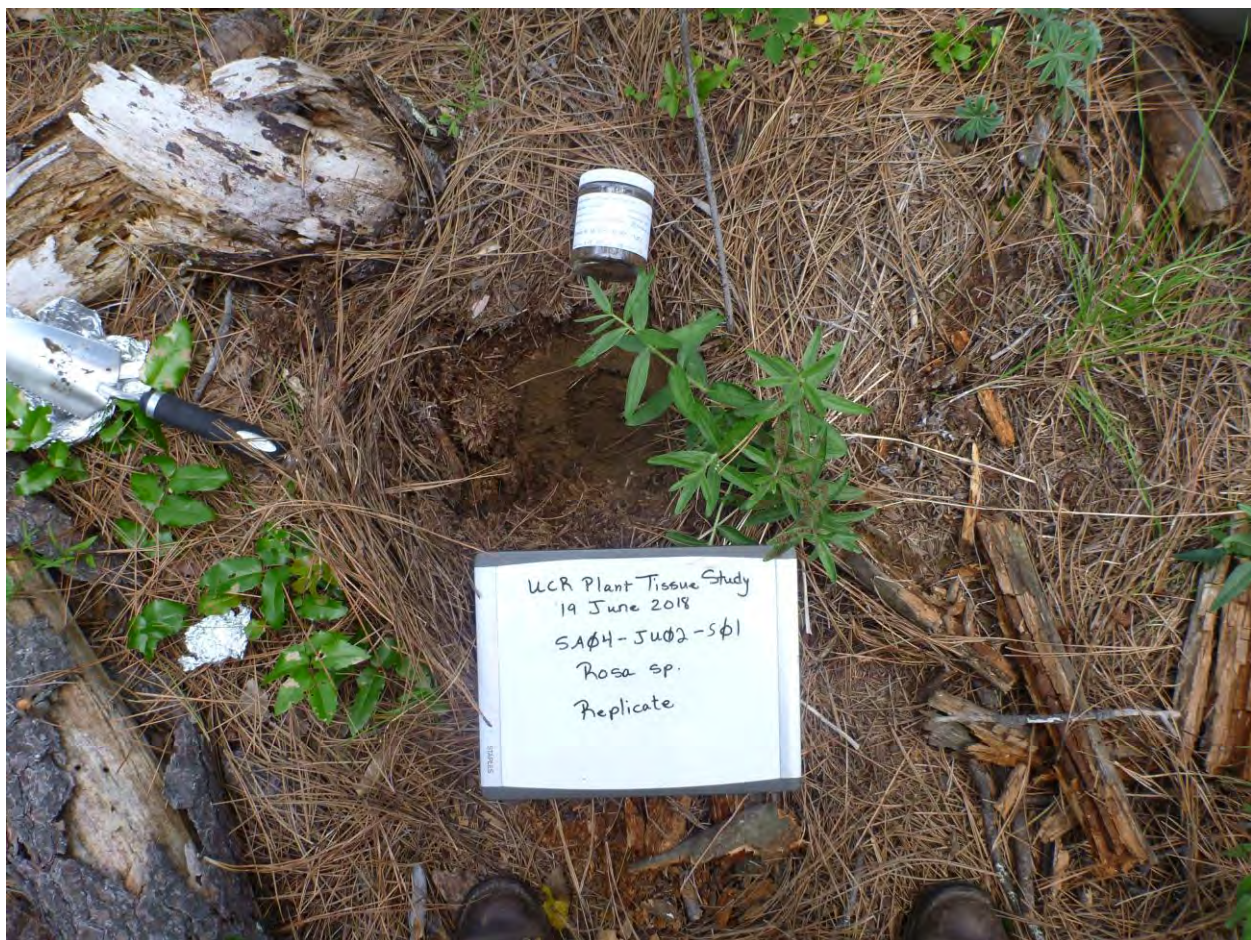
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727707788295

LongWGS84: -117.6765212616





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU03-P01

Collection Date: June 19, 2018

Collection Time: 13:04

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 82 cm

**Coordinates:**

LatWGS84: 48.9727518204647

LongWGS84: -117.6765173366





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU03-S01

Collection Date: June 19, 2018

Collection Time: 13:14

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727518204647

LongWGS84: -117.6765173366









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU04-P01

Collection Date: June 19, 2018

Collection Time: 13:29

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 91 cm

**Coordinates:**

LatWGS84: 48.9727398288375

LongWGS84: -117.6766214450





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU04-S01

Collection Date: June 19, 2018

Collection Time: 13:35

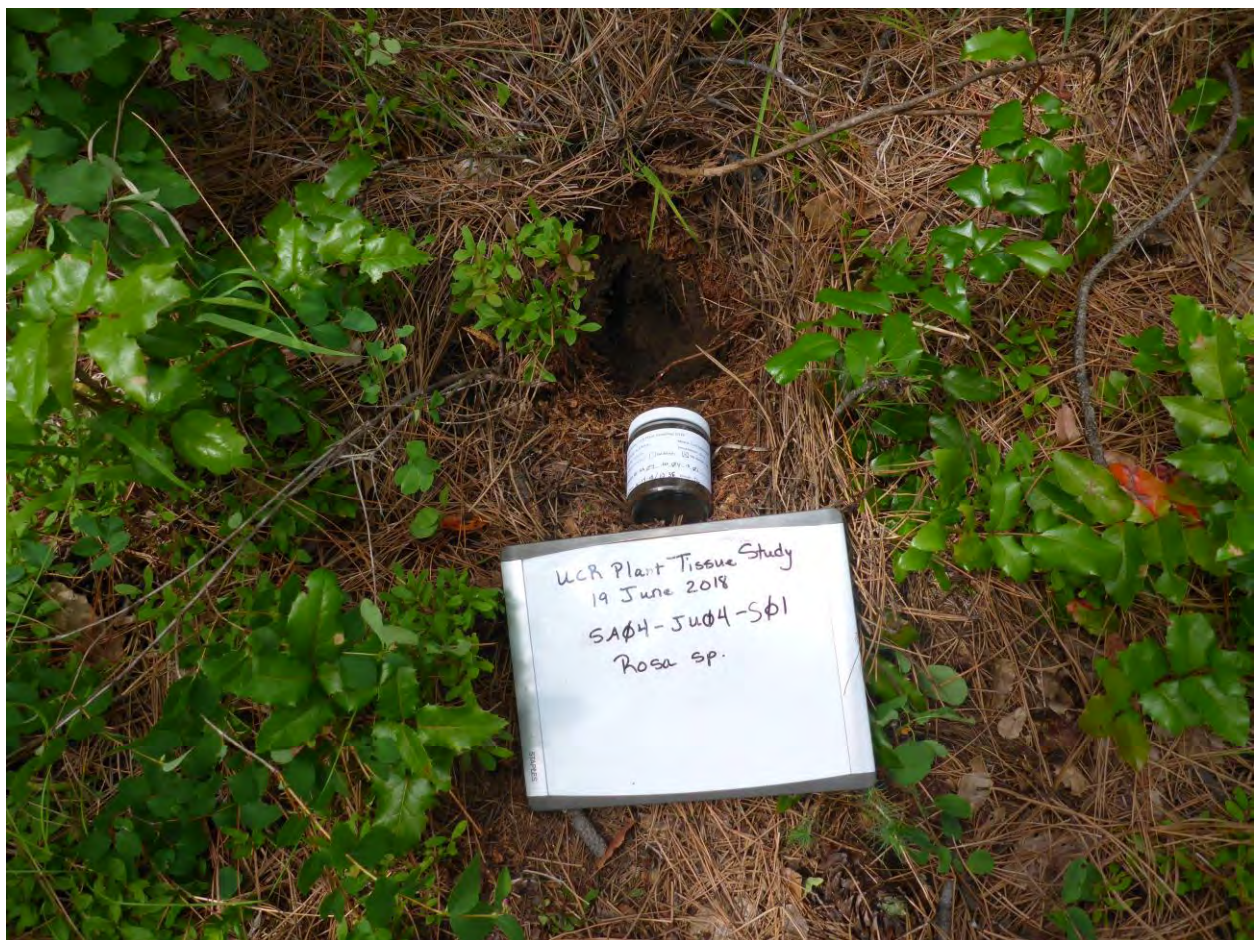
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727398288375

LongWGS84: -117.6766214450





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU05-P01

Collection Date: June 19, 2018

Collection Time: 14:06

Species Name: *Vaccinium cespitosum*

Sample Type: Individual

Sample Mass: 17 grams

**Coordinates:**

LatWGS84: 48.9727969538615

LongWGS84: -117.6768778283





**Sample ID: SA04-JU05-S01**

Collection Date: June 19, 2018

Collection Time: 14:11

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727969538615

LongWGS84: -117.6768778283





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-JU06-P01**

Collection Date: June 19, 2018

Collection Time: 14:31

Species Name: *Vaccinium cespitosum*

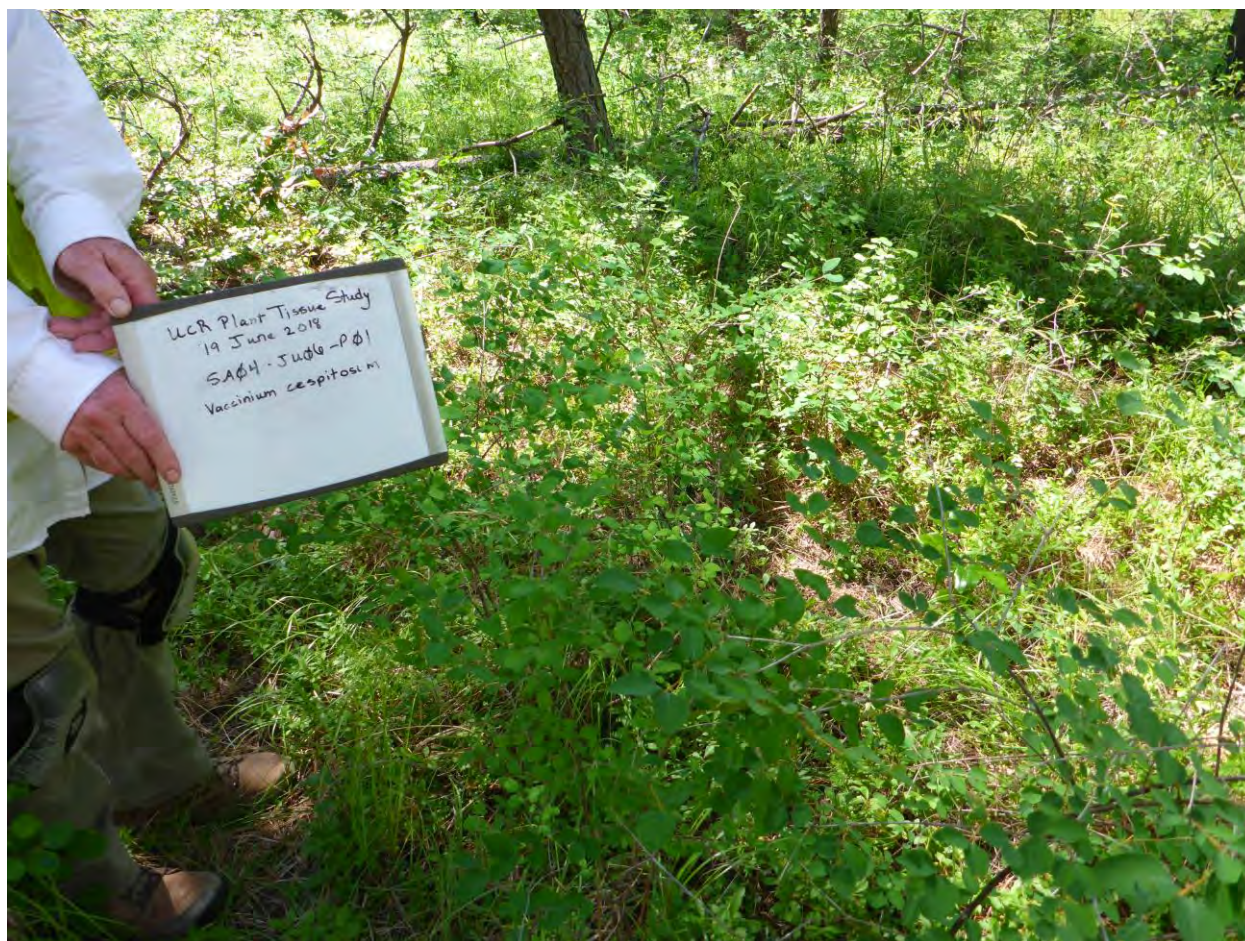
Sample Type: Individual

Sample Mass: 18 grams

**Coordinates:**

LatWGS84: 48.9725937372198

LongWGS84: -117.6769685950





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU06-S01

Collection Date: June 19, 2018

Collection Time: 14:38

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9725937372198

LongWGS84: -117.6769685950





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU07-P01

Collection Date: June 19, 2018

Collection Time: 14:56

Species Name: *Vaccinium cespitosum*

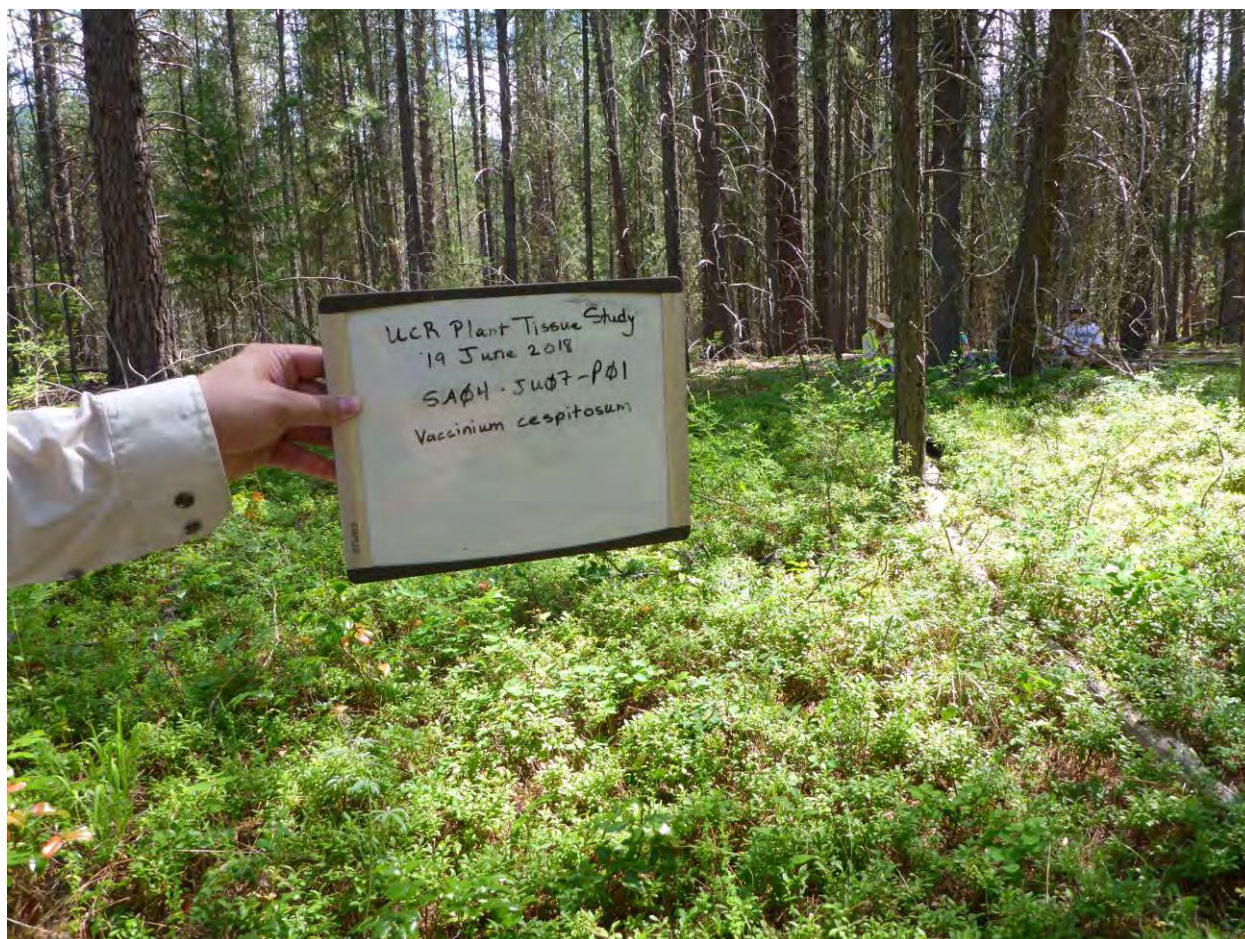
Sample Type: Individual

Sample Mass: 18 grams

**Coordinates:**

LatWGS84: 48.9725641288689

LongWGS84: -117.6769954866





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-JU07-S01**

Collection Date: June 19, 2018

Collection Time: 15:01

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9725641288689

LongWGS84: -117.6769954866





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-JU08-P01**

Collection Date: June 20, 2018  
Collection Time: 8:25  
Species Name: *Vaccinium cespitosum*  
Sample Type: Individual  
Sample Mass: 16 grams

**Coordinates:**

LatWGS84: 48.9726168704627  
LongWGS84: -117.676235403452





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-JU08-S01**

Collection Date: June 20, 2018

Collection Time: 8:32

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726168704627

LongWGS84: -117.6762354034





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU09-P01

Collection Date: June 20, 2018

Collection Time: 8:42

Species Name: *Vaccinium cespitosum*

Sample Type: Individual

Sample Mass: 18 grams

**Coordinates:**

LatWGS84: 48.9726645204658

LongWGS84: -117.6763273534





**Sample ID: SA04-JU09-S01**

Collection Date: June 20, 2018

Collection Time: 8:58

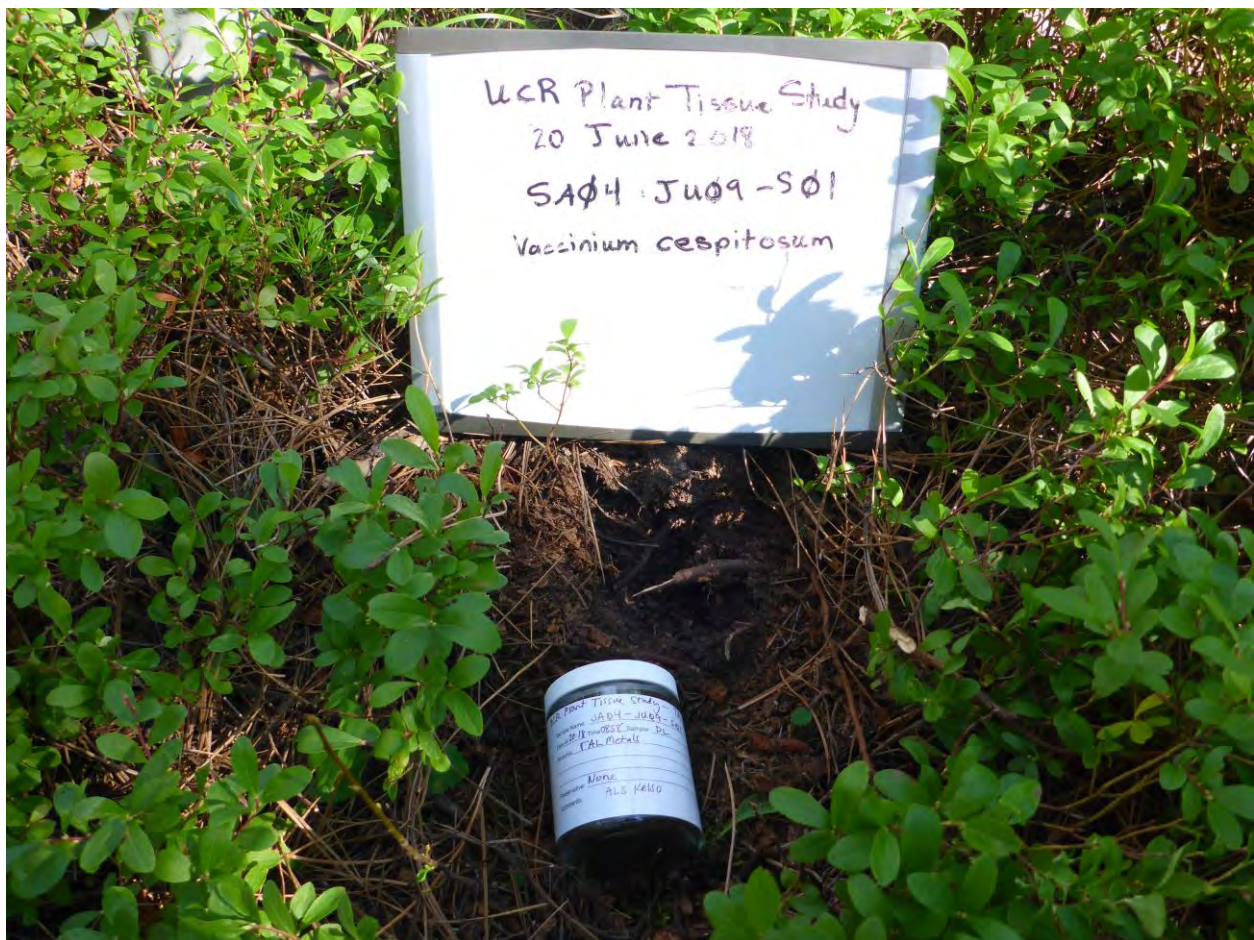
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726645204658

LongWGS84: -117.6763273534





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-JU10-P01

Collection Date: June 20, 2018

Collection Time: 9:12

Species Name: *Vaccinium cespitosum*

Sample Type: Individual

Sample Mass: 19 grams

**Coordinates:**

LatWGS84: 48.9726294788691

LongWGS84: -117.6769821116





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-JU10-S01**

Collection Date: June 20, 2018

Collection Time: 9:24

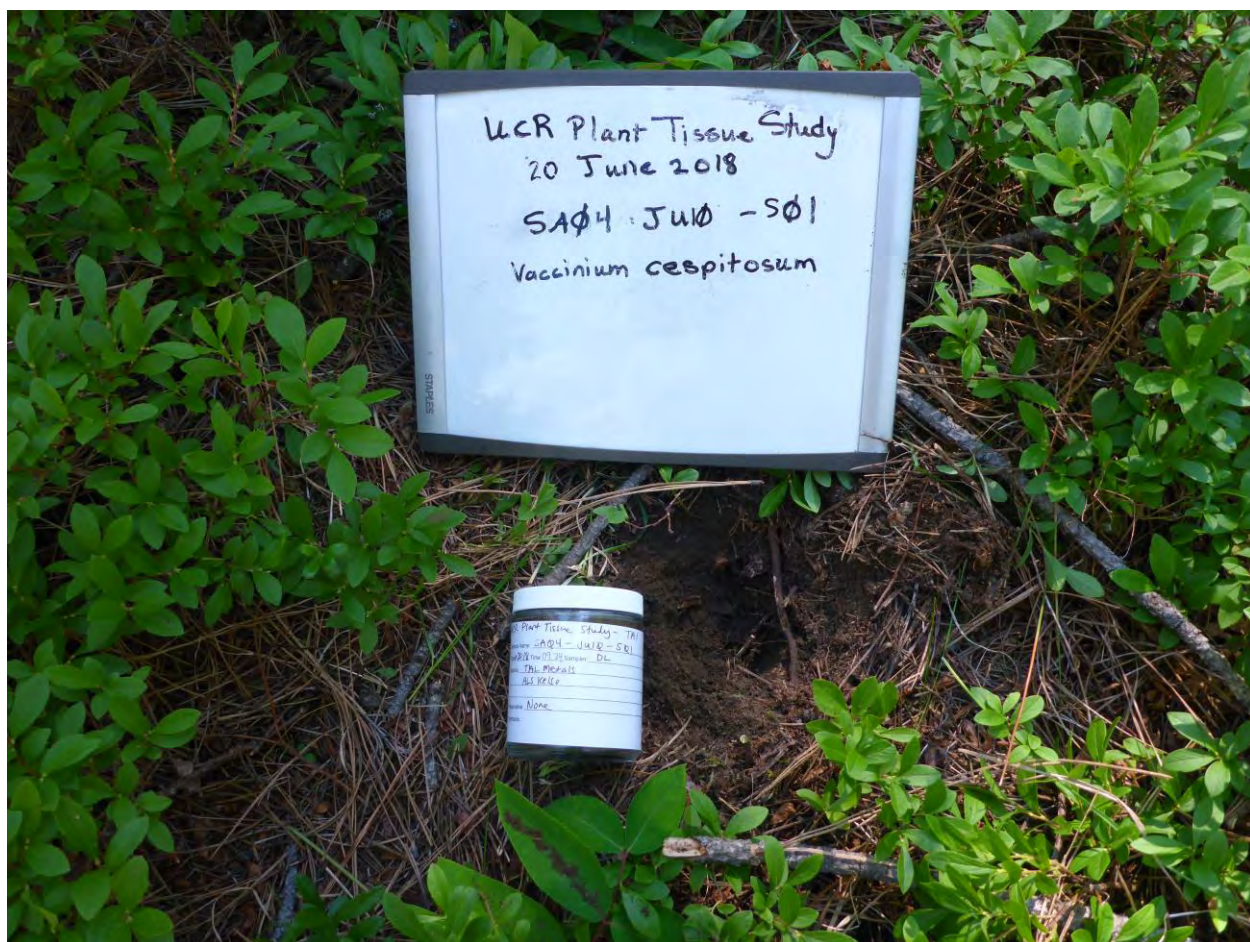
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726294788691

LongWGS84: -117.6769821116





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-JU01-P01

Collection Date: June 20, 2018

Collection Time: 10:22

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 218 cm

**Coordinates:**

LatWGS84: 48.9764326617177

LongWGS84: -117.6747151861





**Sample ID: SA06-JU01-S01**

Collection Date: June 20, 2018

Collection Time: 10:31

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9764326617177

LongWGS84: -117.6747151861





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-JU02-P01

Collection Date: June 20, 2018

Collection Time: 10:46

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 115 cm

**Coordinates:**

LatWGS84: 48.9764326617177

LongWGS84: -117.6747561194





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-JU02-S01**

Collection Date: June 20, 2018

Collection Time: 10:54

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9764326617177

LongWGS84: -117.674756119496





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-JU03-P01

Collection Date: June 20, 2018

Collection Time: 10:47

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 149 cm

**Coordinates:**

LatWGS84: 48.9763134867019

LongWGS84: -117.6747522695





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-JU02-S01

Collection Date: June 20, 2018

Collection Time: 10:51

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9764326617177

LongWGS84: -117.674756119496





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-JU04-P01**

Collection Date: June 20, 2018

Collection Time: 11:16

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 116 cm

**Coordinates:**

LatWGS84: 48.9761322783854

LongWGS84: -117.6747190528





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-JU04-S01**

Collection Date: June 20, 2018

Collection Time: 11:18

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9761322783854

LongWGS84: -117.6747190528





# August Sampling Event



Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU01-P01

Collection Date: August 22, 2018

Collection Time: 8:18

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 76.5 grams

**Coordinates:**

LatWGS84: 48.9546903788

LongWGS84: -117.71805166





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU01-S01

Collection Date: August 22, 2018

Collection Time: 8:22

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9546903788

LongWGS84: -117.71805166





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU02-P01**

Collection Date: August 22, 2018

Collection Time: 8:51

Species Name: *Prunus virginiana*

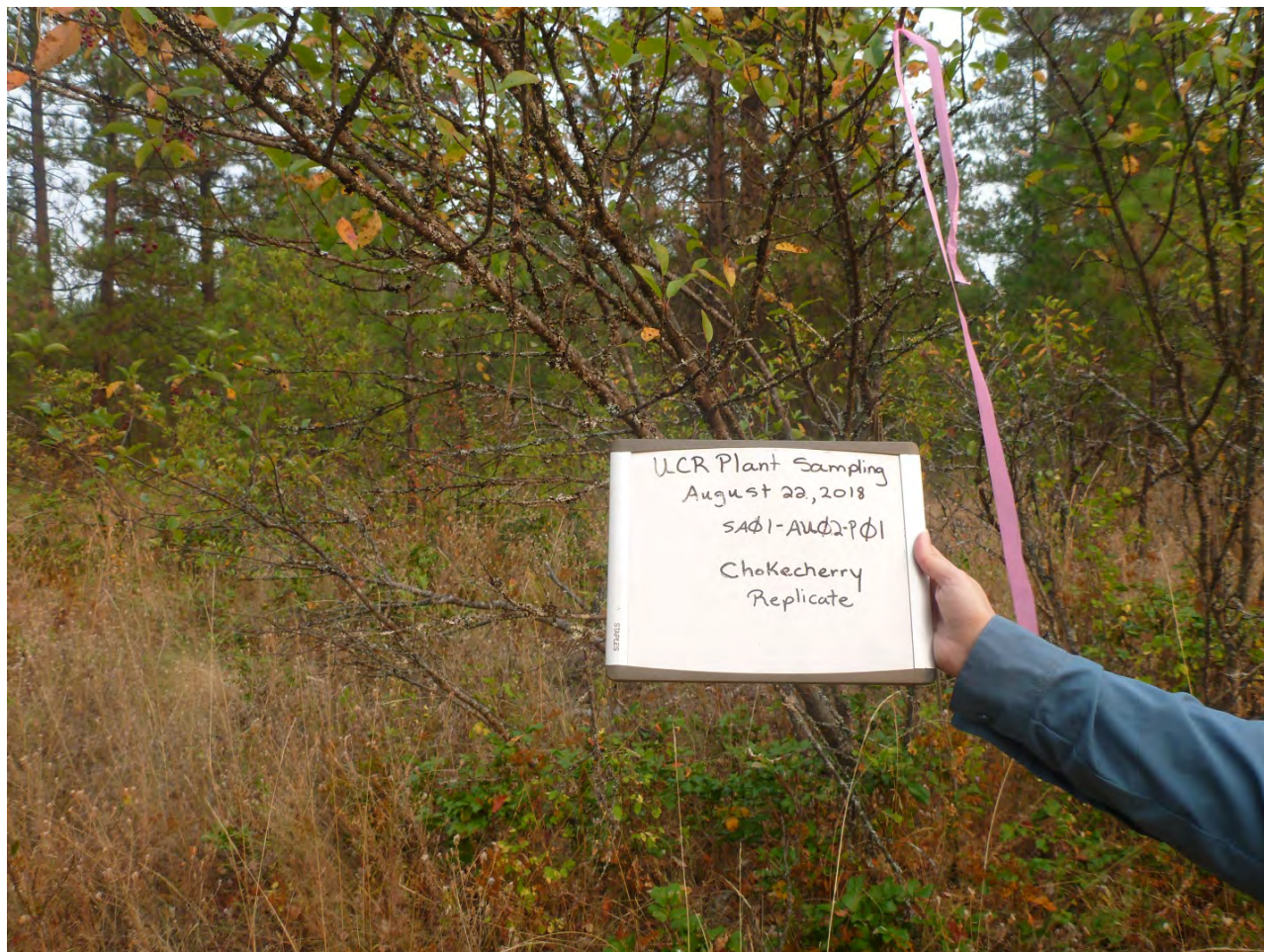
Sample Type: Individual

Sample Mass: 82 grams

**Coordinates:**

LatWGS84: 48.9544703121

LongWGS84: -117.71904383





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU02-S01

Collection Date: August 22, 2018

Collection Time: 9:03

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544703121

LongWGS84: -117.71904383





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU03-P01**

Collection Date: August 22, 2018  
Collection Time: 8:58  
Species Name: Prunus virginiana  
Sample Type: Individual  
Sample Mass: 112 grams

**Coordinates:**

LatWGS84: 48.9544703121  
LongWGS84: -117.71904383





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU03-S01**

Collection Date: August 22, 2018

Collection Time: 9:07

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544703121

LongWGS84: -117.71904383





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU04-P01

Collection Date: August 22, 2018

Collection Time: 9:23

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 79 grams

**Coordinates:**

LatWGS84: 48.9542876704

LongWGS84: -117.71918806





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU04-S01**

Collection Date: August 22, 2018

Collection Time: 9:27

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9542876704

LongWGS84: -117.71918806





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU05-P01**

Collection Date: August 22, 2018  
Collection Time: 9:41  
Species Name: Amelanchier alnifolia  
Sample Type: Individual  
Sample Mass: 8.9 grams

**Coordinates:**

LatWGS84: 48.9541247954  
LongWGS84: -117.71881596





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU05-S01

Collection Date: August 22, 2018

Collection Time: 9:50

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541247954

LongWGS84: -117.71881596





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU06-P01

Collection Date: August 22, 2018

Collection Time: 10:06

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 10 grams

**Coordinates:**

LatWGS84: 48.9541784121

LongWGS84: -117.71838056





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU06-S01

Collection Date: August 22, 2018

Collection Time: 10:15

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541784121

LongWGS84: -117.71838056





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU07-P01

Collection Date: August 22, 2018

Collection Time: 10:30

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 6.2 grams

**Coordinates:**

LatWGS84: 48.9541011155

LongWGS84: -117.71802488





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU07-S01

Collection Date: August 22, 2018

Collection Time: 10:38

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541011155

LongWGS84: -117.71802488





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU08-P01

Collection Date: August 22, 2018

Collection Time: 10:53

Species Name: Amelanchier alnifolia

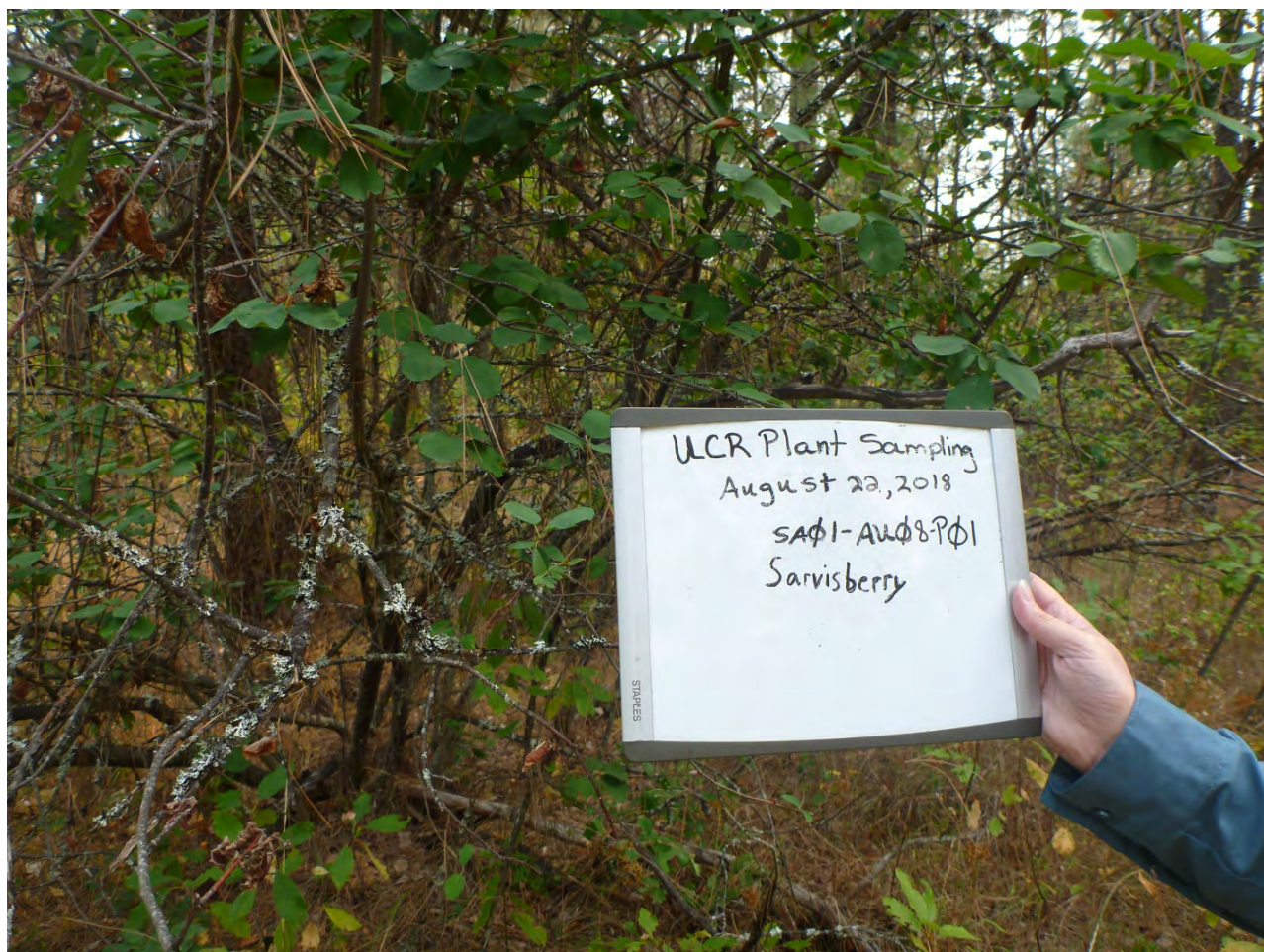
Sample Type: Individual

Sample Mass: 7.5 grams

**Coordinates:**

LatWGS84: 48.9541031181

LongWGS84: -117.71798323





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU08-S01

Collection Date: August 22, 2018

Collection Time: 10:59

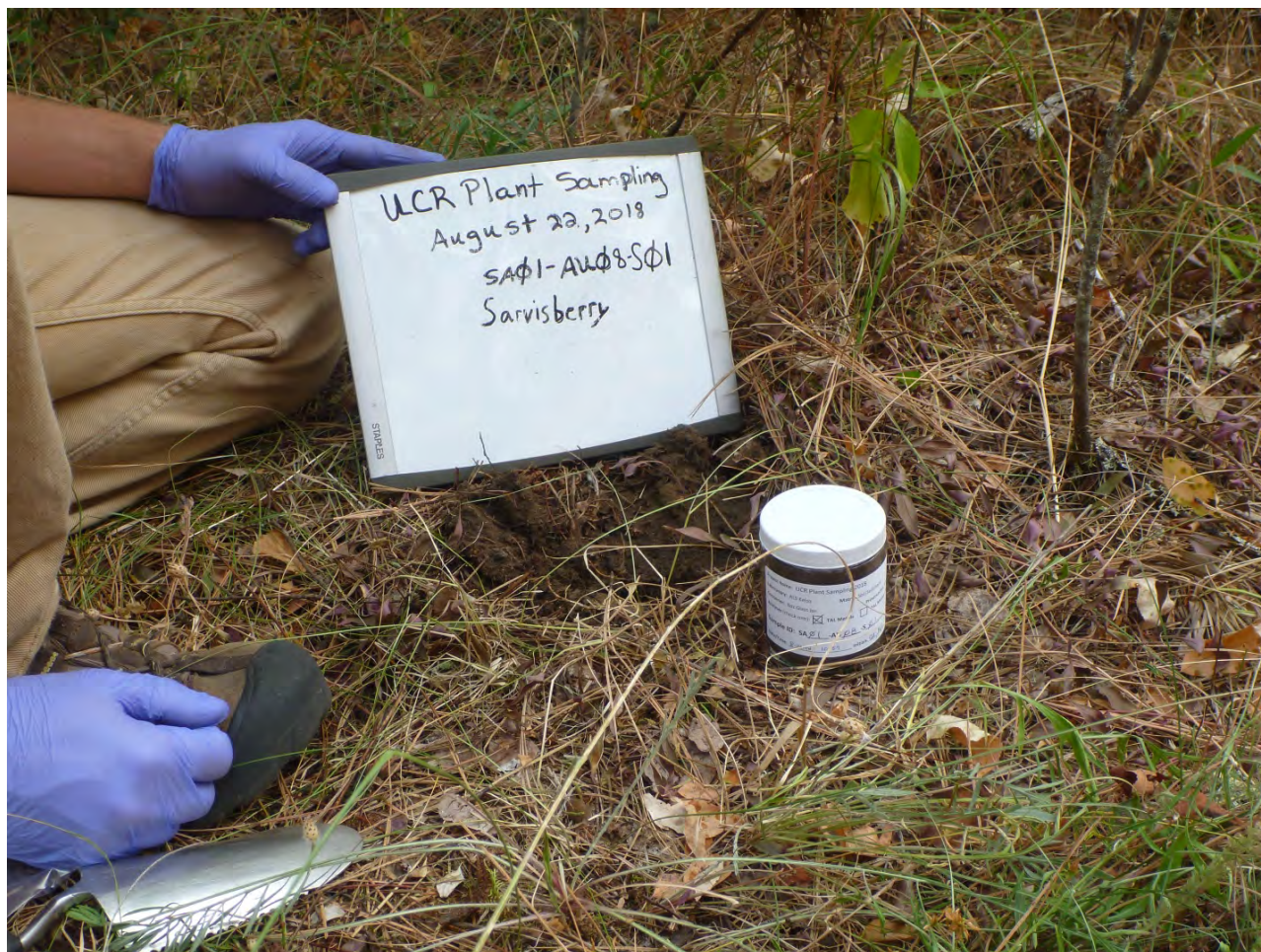
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541031181

LongWGS84: -117.71798323





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU09-P01

Collection Date: August 22, 2018

Collection Time: 11:13

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 6 grams

**Coordinates:**

LatWGS84: 48.9544744871

LongWGS84: -117.71822573





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU09-S01

Collection Date: August 22, 2018

Collection Time: 11:23

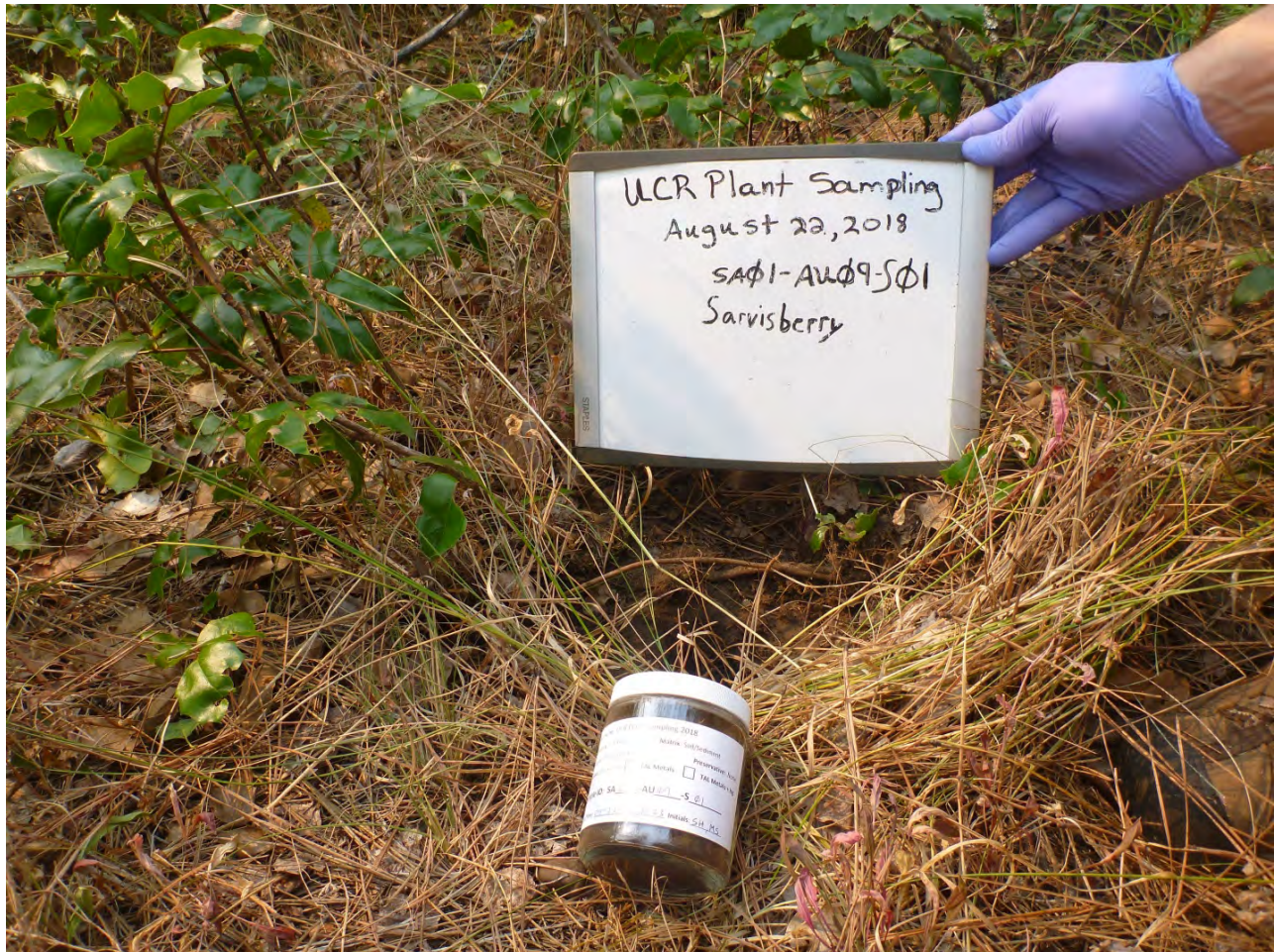
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544744871

LongWGS84: -117.71822573





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU10-P01**

Collection Date: August 22, 2018  
Collection Time: 12:30  
Species Name: Pinus ponderosa  
Sample Type: Individual  
Sample Mass: 12 cones

**Coordinates:**

LatWGS84: 48.9543000454  
LongWGS84: -117.71948826





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU10-S01**

Collection Date: August 22, 2018

Collection Time: 12:40

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9543000454

LongWGS84: -117.71948826





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU11-P01

Collection Date: August 22, 2018

Collection Time: 13:18

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 11 cones

**Coordinates:**

LatWGS84: 48.9546322538

LongWGS84: -117.71961829





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA01-AU11-S01**

Collection Date: August 22, 2018

Collection Time: 13:25

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9546322538

LongWGS84: -117.71961829





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA01-AU12-P01

Collection Date: August 22, 2018

Collection Time: 13:45

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 10 cones

**Coordinates:**

LatWGS84: 48.9547522120

LongWGS84: -117.71933642





**Sample ID: SA01-AU12-S01**

Collection Date: August 22, 2018

Collection Time: 13:55

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9547522120

LongWGS84: -117.71933642





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU01-P01

Collection Date: August 21, 2018

Collection Time: 14:07

Species Name: *Corylus cornuta*

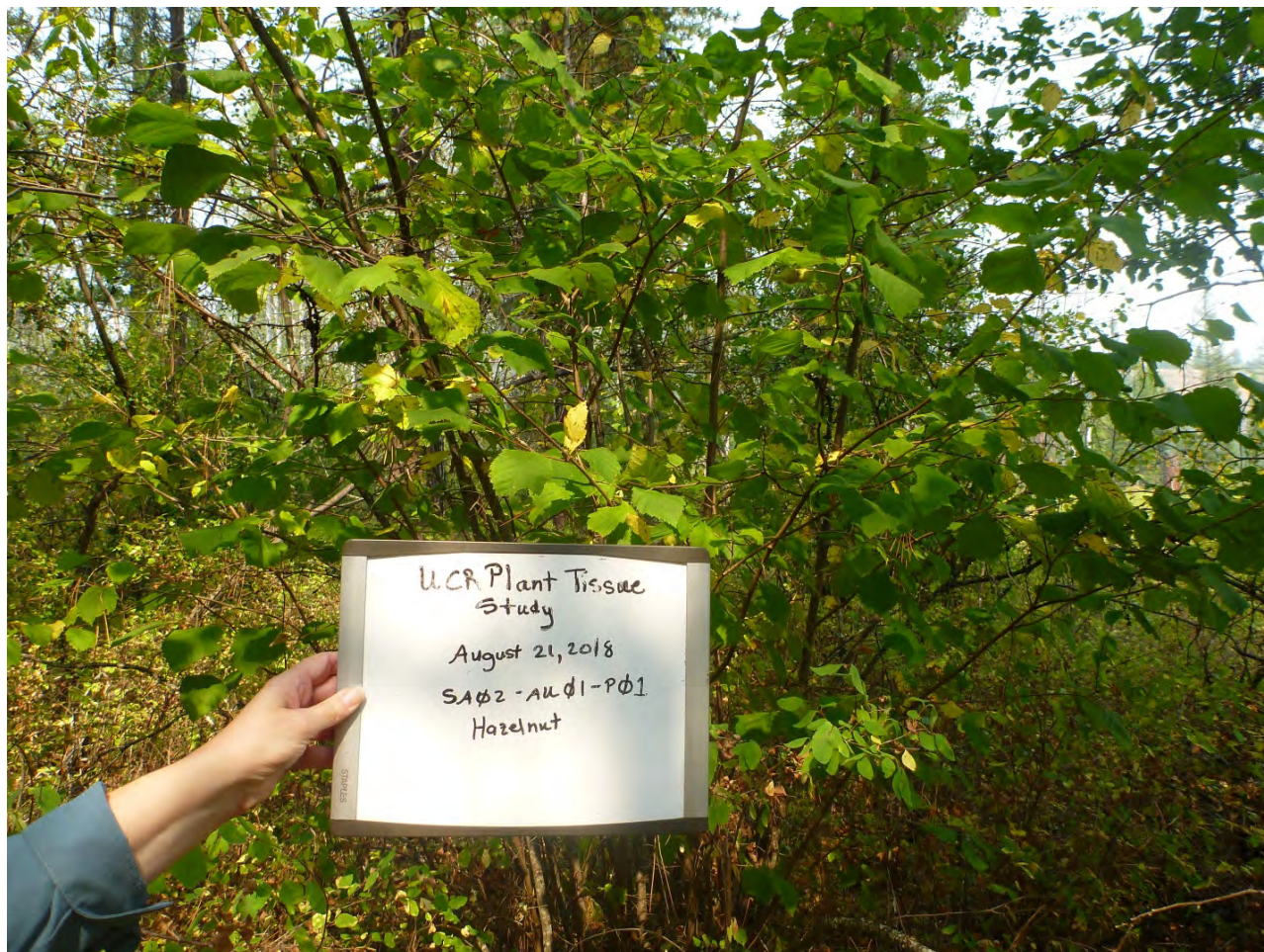
Sample Type: Individual

Sample Mass: 21 nuts

**Coordinates:**

LatWGS84: 48.9727352871

LongWGS84: -117.67362425





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU01-S01

Collection Date: August 21, 2018

Collection Time: 14:10

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9727352871

LongWGS84: -117.67362425





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU02-P01

Collection Date: August 21, 2018

Collection Time: 14:20

Species Name: Corylus cornuta

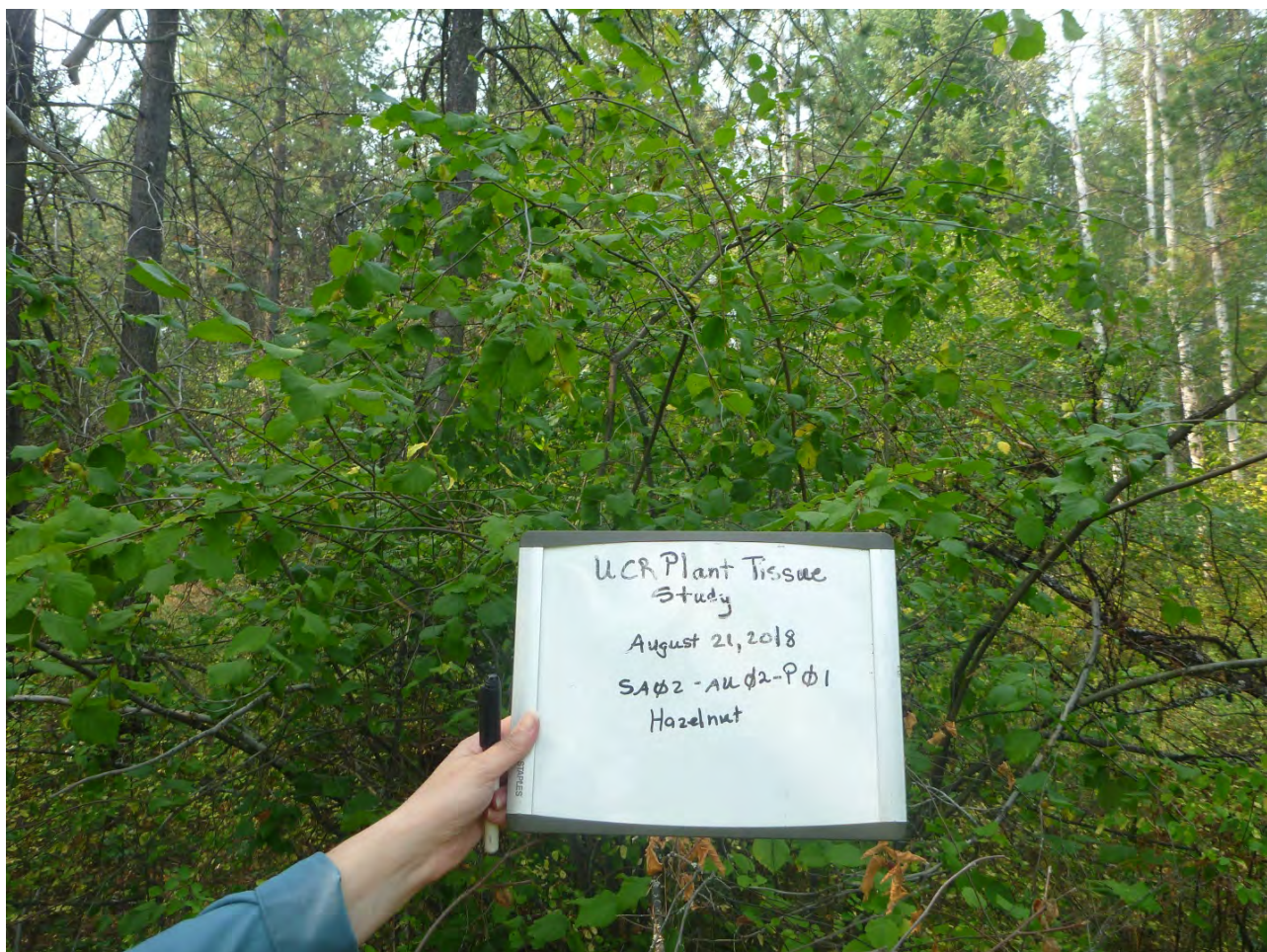
Sample Type: Individual

Sample Mass: 31 nuts

**Coordinates:**

LatWGS84: 48.9728002204

LongWGS84: -117.67348553





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU02-S01

Collection Date: August 21, 2018

Collection Time: 14:23

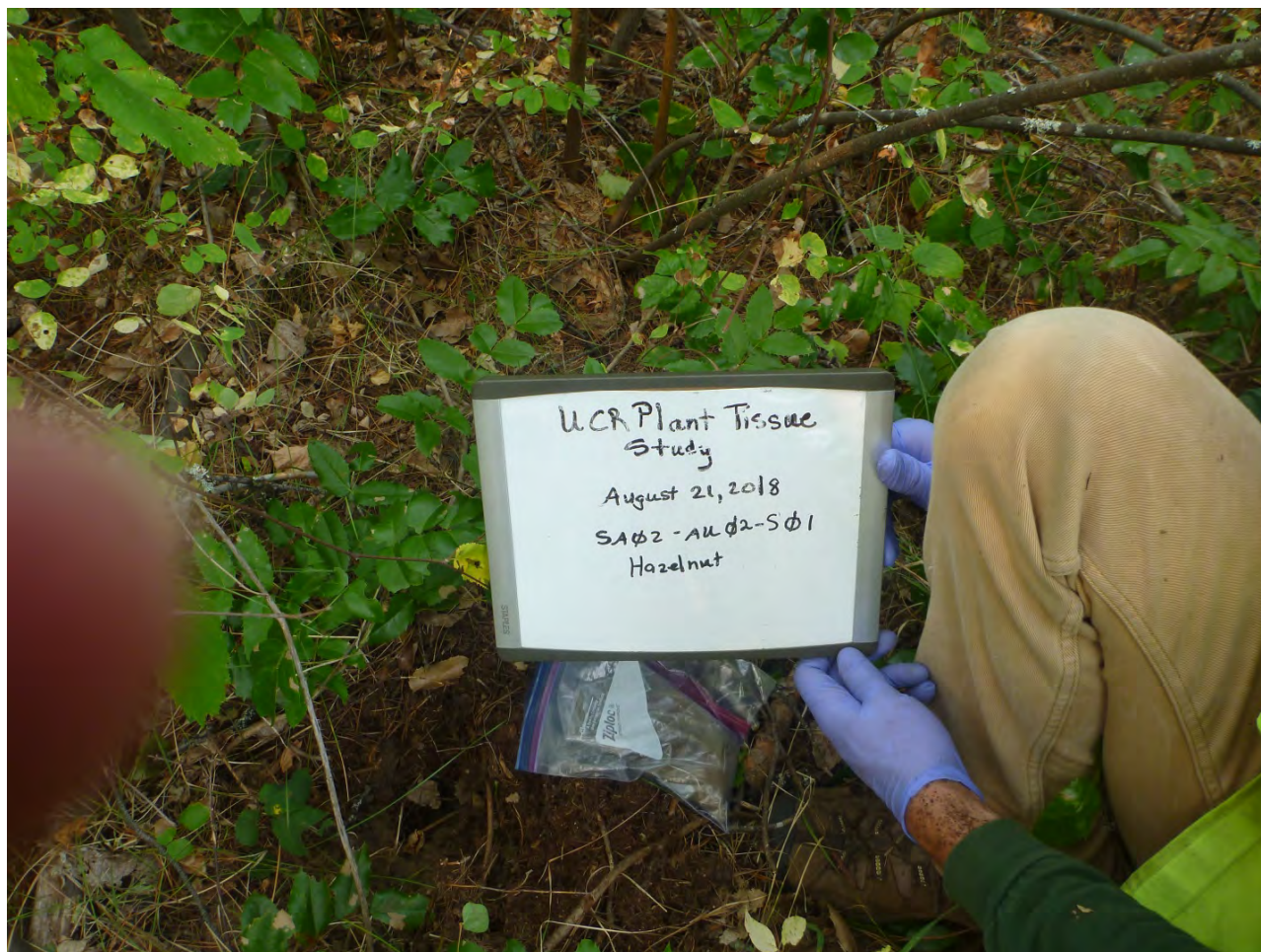
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9728002204

LongWGS84: -117.67348553





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU03-P01

Collection Date: August 21, 2018

Collection Time: 14:36

Species Name: Corylus cornuta

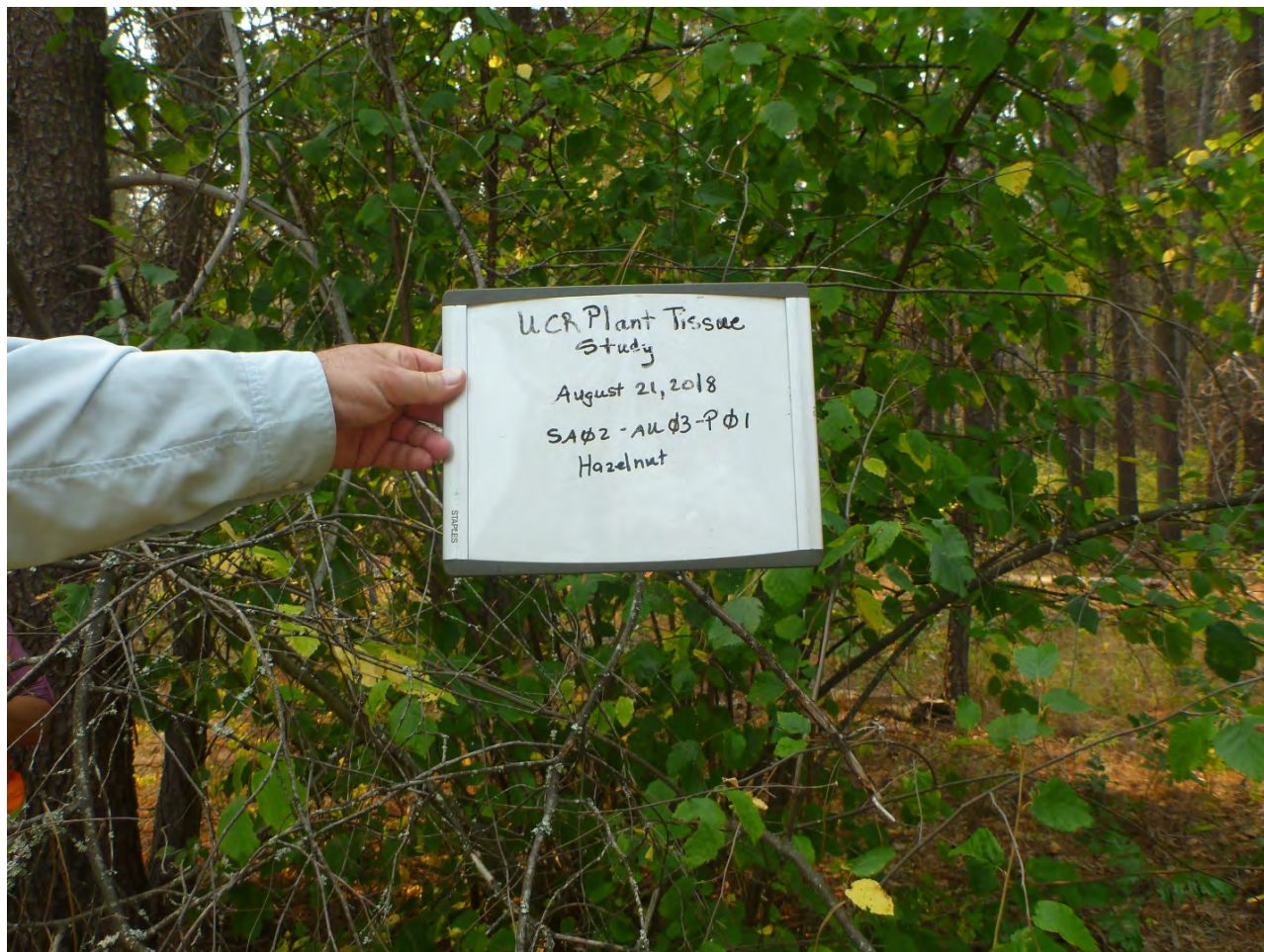
Sample Type: Individual

Sample Mass: 21 nuts

**Coordinates:**

LatWGS84: 48.9724412538

LongWGS84: -117.67376027





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU03-S01

Collection Date: August 21, 2018

Collection Time: 14:40

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9724412538

LongWGS84: -117.67376027





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU04-P01

Collection Date: August 21, 2018

Collection Time: 15:00

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 15 cones

**Coordinates:**

LatWGS84: 48.9716556787

LongWGS84: -117.67367572





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU04-S01

Collection Date: August 21, 2018

Collection Time: 15:08

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9716556787

LongWGS84: -117.67367572





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU05-P01

Collection Date: August 21, 2018

Collection Time: 15:10

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 11 cones

**Coordinates:**

LatWGS84: 48.9716556787

LongWGS84: -117.67367572





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU05-S01

Collection Date: August 21, 2018

Collection Time: 15:09

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9716556787

LongWGS84: -117.67367572





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA02-AU06-P01

Collection Date: August 21, 2018

Collection Time: 15:34

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 10 cones

**Coordinates:**

LatWGS84: 48.9710401204

LongWGS84: -117.67401745





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA02-AU06-S01**

Collection Date: August 21, 2018

Collection Time: 15:36

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9710401204

LongWGS84: -117.67401745





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU01-P01

Collection Date: August 21, 2018

Collection Time: 8:47

Species Name: *Corylus cornuta*

Sample Type: Individual

Sample Mass: 20 nuts

**Coordinates:**

LatWGS84: 48.9227217454

LongWGS84: -117.79030256





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU01-S01

Collection Date: August 21, 2018

Collection Time: 8:50

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9227217454

LongWGS84: -117.79030256





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU02-P01

Collection Date: August 21, 2018

Collection Time: 9:18

Species Name: *Corylus cornuta*

Sample Type: Individual

Sample Mass: 12 nuts

**Coordinates:**

LatWGS84: 48.9226266954

LongWGS84: -117.79028859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU02-S01**

Collection Date: August 21, 2018

Collection Time: 9:29

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226266954

LongWGS84: -117.79028859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU03-P01

Collection Date: August 21, 2018

Collection Time: 9:27

Species Name: Corylus cornuta

Sample Type: Individual

Sample Mass: 20 nuts

**Coordinates:**

LatWGS84: 48.9226266954

LongWGS84: -117.79028859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU03-S01**

Collection Date: August 21, 2018

Collection Time: 9:32

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226266954

LongWGS84: -117.79028859





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU04-P01

Collection Date: August 21, 2018

Collection Time: 9:59

Species Name: *Corylus cornuta*

Sample Type: Individual

Sample Mass: 57 nuts

**Coordinates:**

LatWGS84: 48.9226433203

LongWGS84: -117.78996726





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU04-S01**

Collection Date: August 21, 2018

Collection Time: 10:01

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226433203

LongWGS84: -117.78996726





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU05-P01

Collection Date: August 21, 2018

Collection Time: 10:32

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 177 grams

**Coordinates:**

LatWGS84: 48.9228203787

LongWGS84: -117.78989357





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU05-S01

Collection Date: August 21, 2018

Collection Time: 10:38

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9228203787

LongWGS84: -117.78989357





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU06-P01

Collection Date: August 21, 2018

Collection Time: 10:55

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 188 grams

**Coordinates:**

LatWGS84: 48.9227742120

LongWGS84: -117.79001456





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU06-S01**

Collection Date: August 21, 2018

Collection Time: 11:00

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9227742120

LongWGS84: -117.79001456





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU07-P01

Collection Date: August 21, 2018

Collection Time: 12:12

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 86 grams

**Coordinates:**

LatWGS84: 48.9226136120

LongWGS84: -117.78994378





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU07-S01**

Collection Date: August 21, 2018

Collection Time: 12:15

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226136120

LongWGS84: -117.78994378





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU08-P01**

Collection Date: August 21, 2018

Collection Time: 12:33

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 17 grams

**Coordinates:**

LatWGS84: 48.9226431370

LongWGS84: -117.78988113





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA03-AU08-S01

Collection Date: August 21, 2018

Collection Time: 12:38

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9226431370

LongWGS84: -117.78988113





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU09-P01**

Collection Date: August 21, 2018

Collection Time: 12:59

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 11 cones

**Coordinates:**

LatWGS84: 48.9227210620

LongWGS84: -117.79016672





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA03-AU09-S01**

Collection Date: August 21, 2018

Collection Time: 13:02

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9227210620

LongWGS84: -117.79016672





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU01-P01**

Collection Date: August 23, 2018

Collection Time: 8:35

Species Name: Corylus cornuta

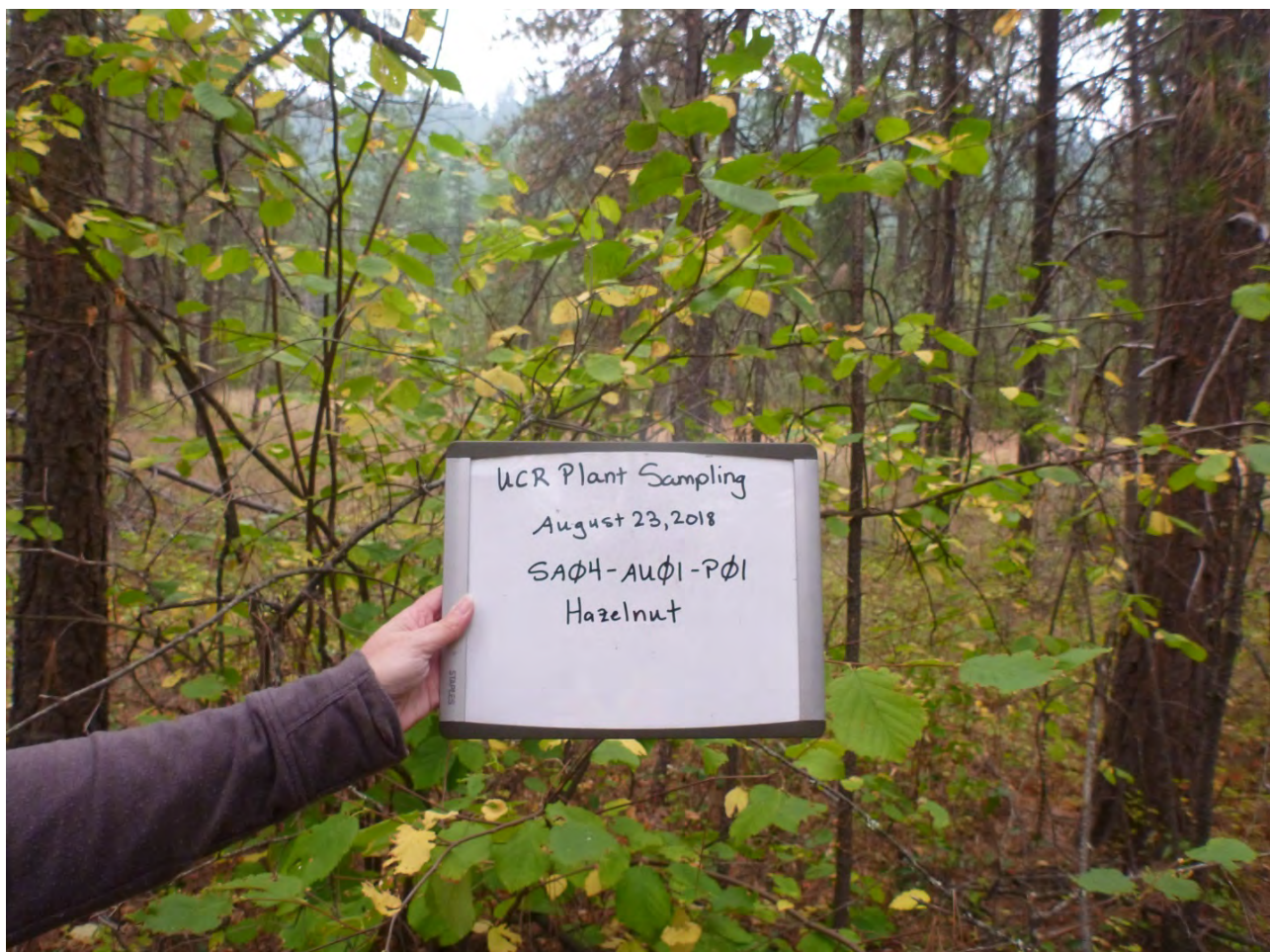
Sample Type: Individual

Sample Mass: 22 nuts

**Coordinates:**

LatWGS84: 48.9726155954

LongWGS84: -117.67582422





**Sample ID: SA04-AU01-S01**

Collection Date: August 23, 2018

Collection Time: 8:45

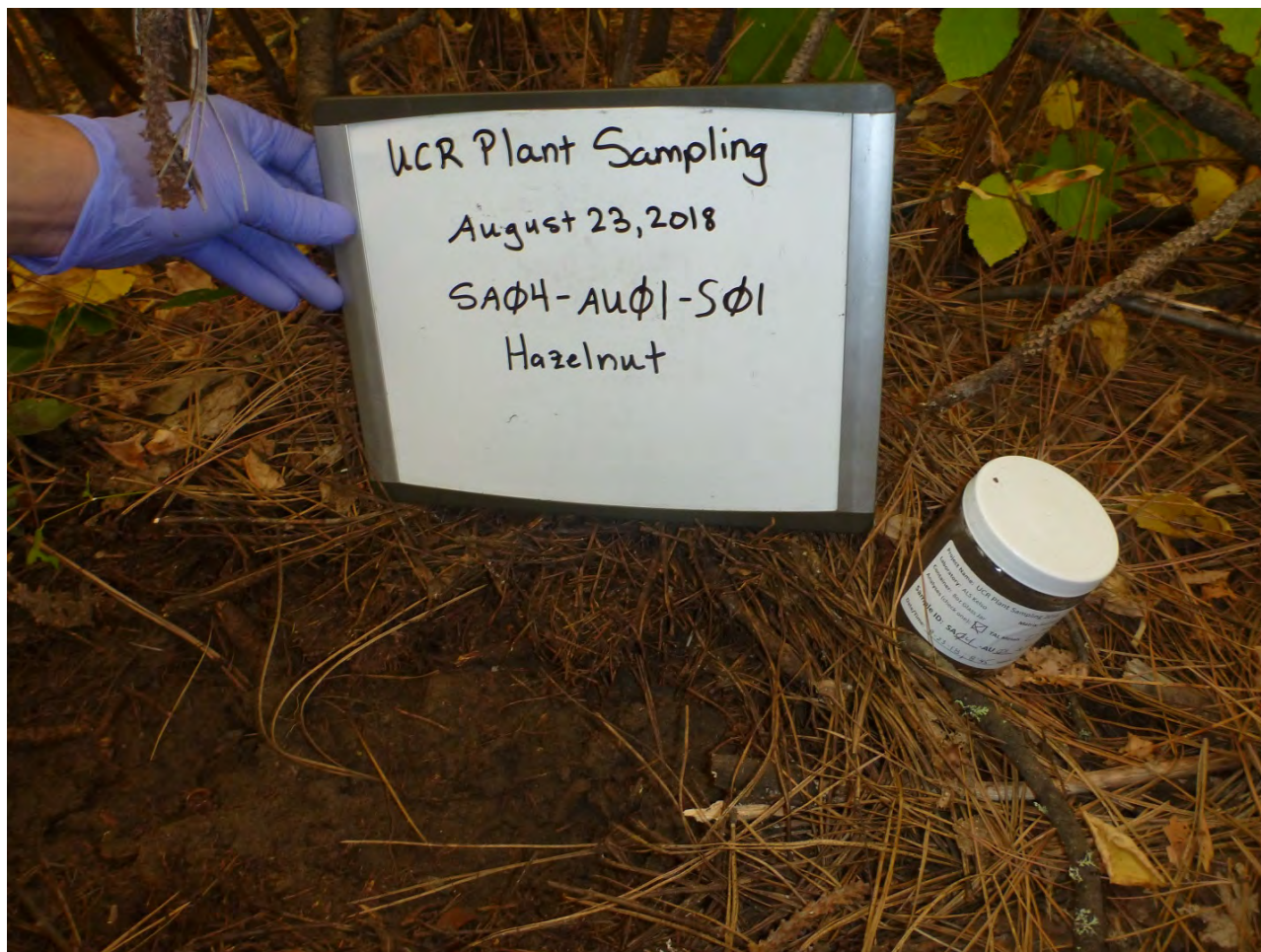
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726155954

LongWGS84: -117.67582422





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-AU02-P01

Collection Date: August 23, 2018

Collection Time: 8:39

Species Name: Corylus cornuta

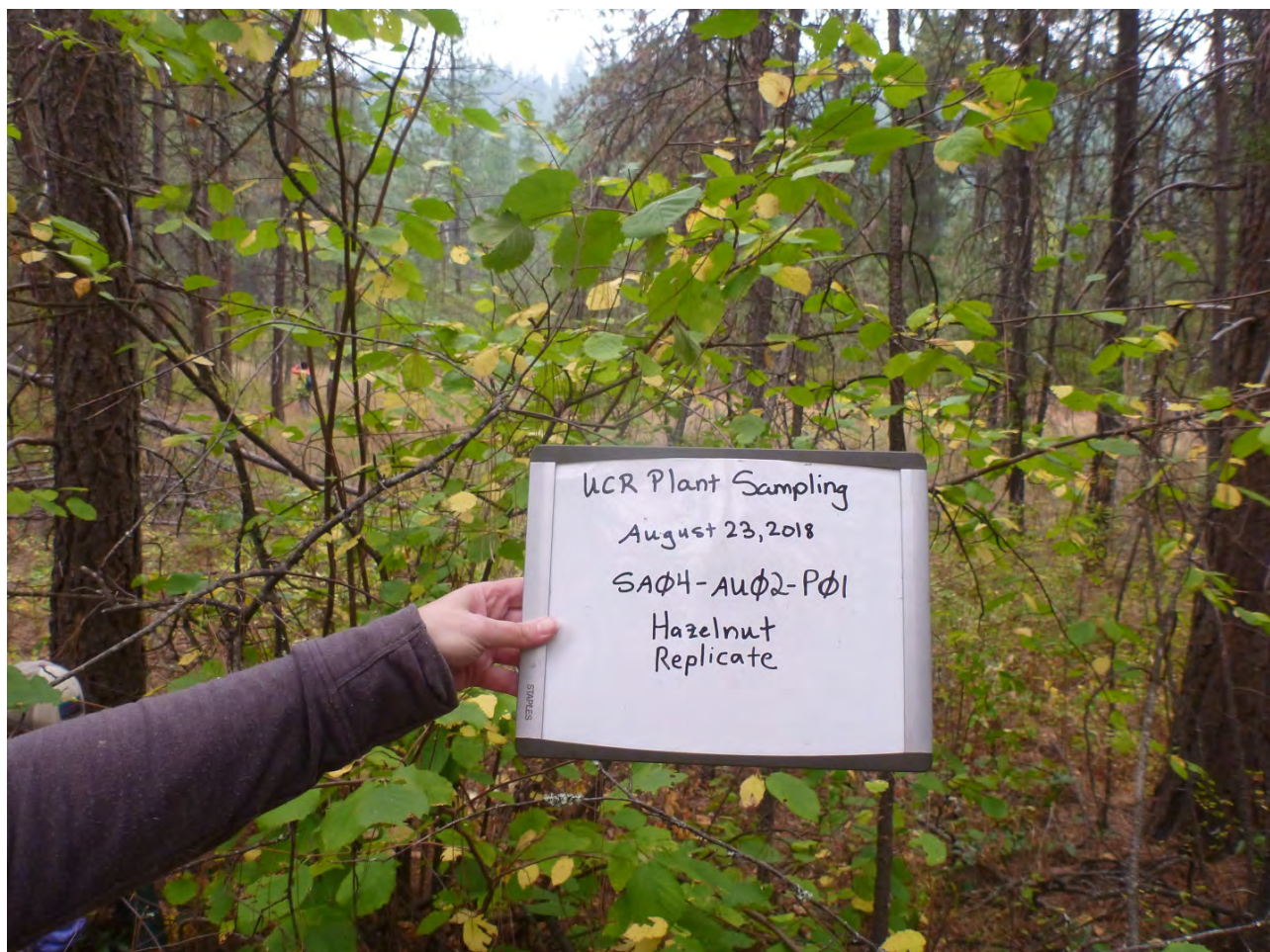
Sample Type: Individual

Sample Mass: 22 nuts

**Coordinates:**

LatWGS84: 48.9726093287

LongWGS84: -117.67580706





**Sample ID: SA04-AU02-S01**

Collection Date: August 23, 2018

Collection Time: 8:46

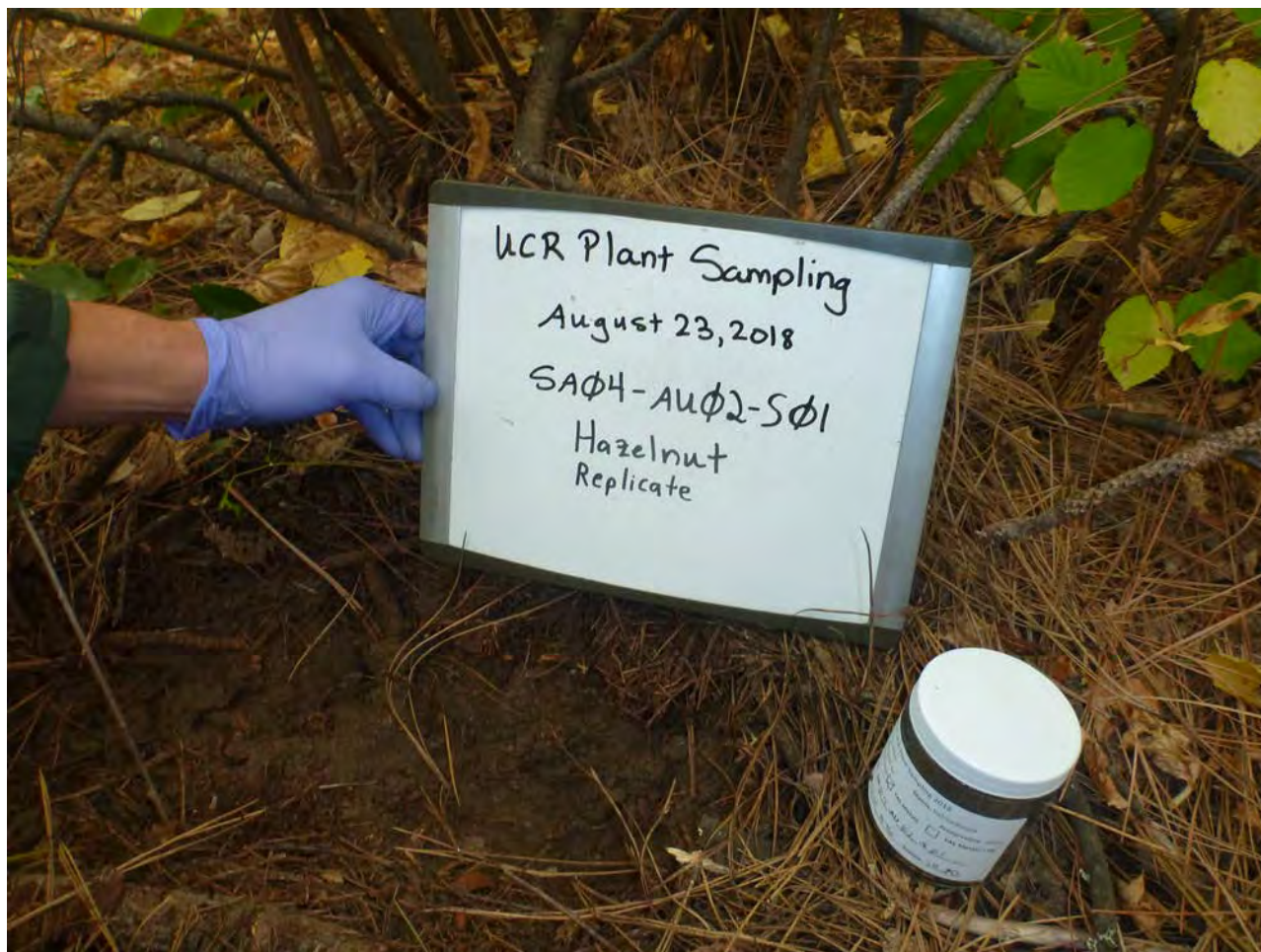
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726093287

LongWGS84: -117.67580706





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU03-P01**

Collection Date: August 23, 2018

Collection Time: 8:56

Species Name: *Corylus cornuta*

Sample Type: Individual

Sample Mass: 24 nuts

**Coordinates:**

LatWGS84: 48.9725539871

LongWGS84: -117.67600848





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU03-S01**

Collection Date: August 23, 2018

Collection Time: 9:01

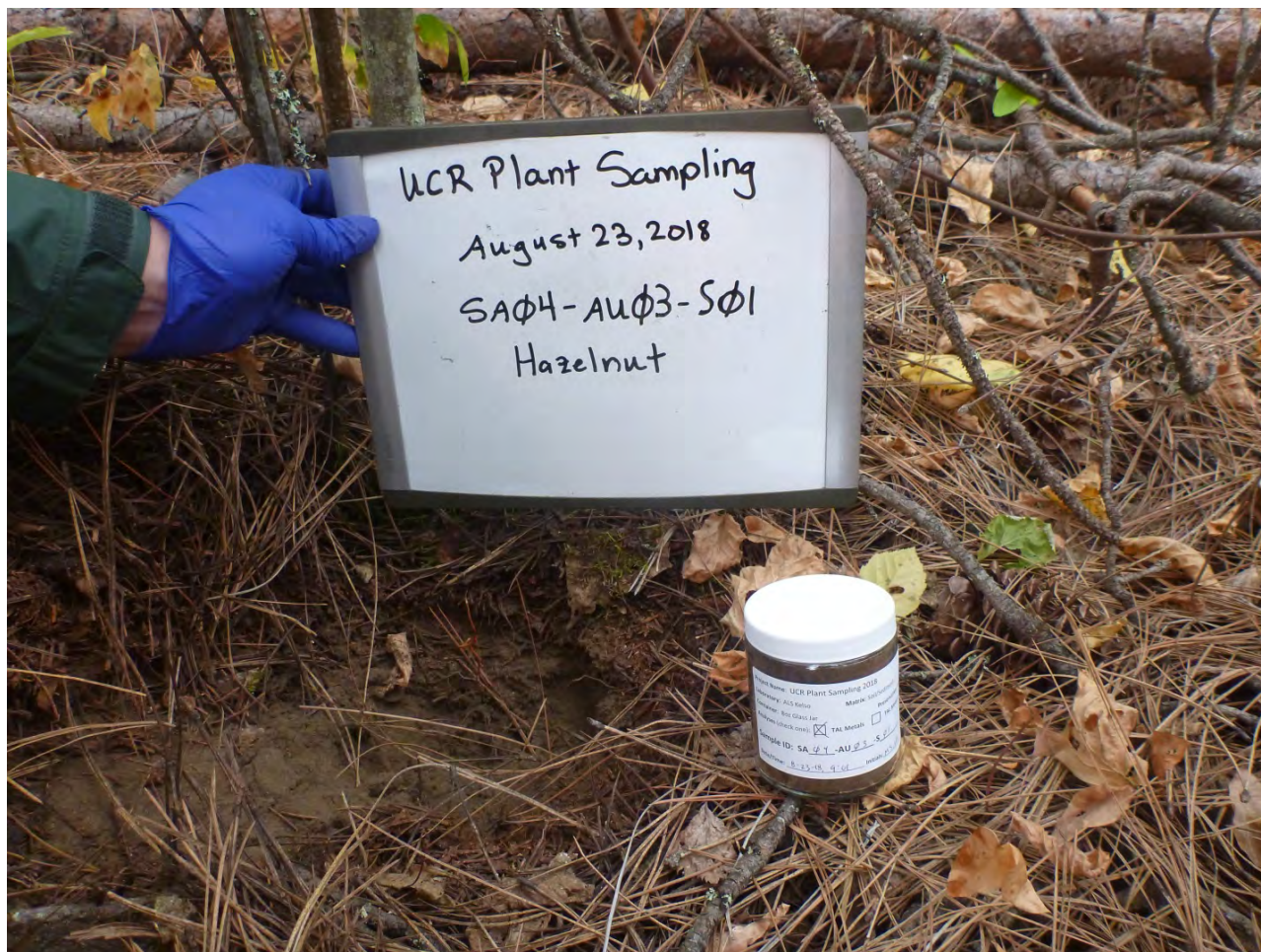
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9725539871

LongWGS84: -117.67600848





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-AU04-P01

Collection Date: August 23, 2018

Collection Time: 9:13

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 17 cones

**Coordinates:**

LatWGS84: 48.9725057871

LongWGS84: -117.67643420





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU04-S01**

Collection Date: August 23, 2018

Collection Time: 9:14

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9725057871

LongWGS84: -117.67643420





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-AU05-P01

Collection Date: August 23, 2018

Collection Time: 9:30

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 26 cones

**Coordinates:**

LatWGS84: 48.9729435537

LongWGS84: -117.67613245





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA04-AU05-S01

Collection Date: August 23, 2018

Collection Time: 9:41

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9729435537

LongWGS84: -117.67613245





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU06-P01**

Collection Date: August 23, 2018

Collection Time: 9:59

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 16 cones

**Coordinates:**

LatWGS84: 48.9726065787

LongWGS84: -117.67560917





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA04-AU06-S01**

Collection Date: August 23, 2018

Collection Time: 10:05

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9726065787

LongWGS84: -117.67560917





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU01-P01

Collection Date: August 23, 2018

Collection Time: 10:43

Species Name: *Corylus cornuta*

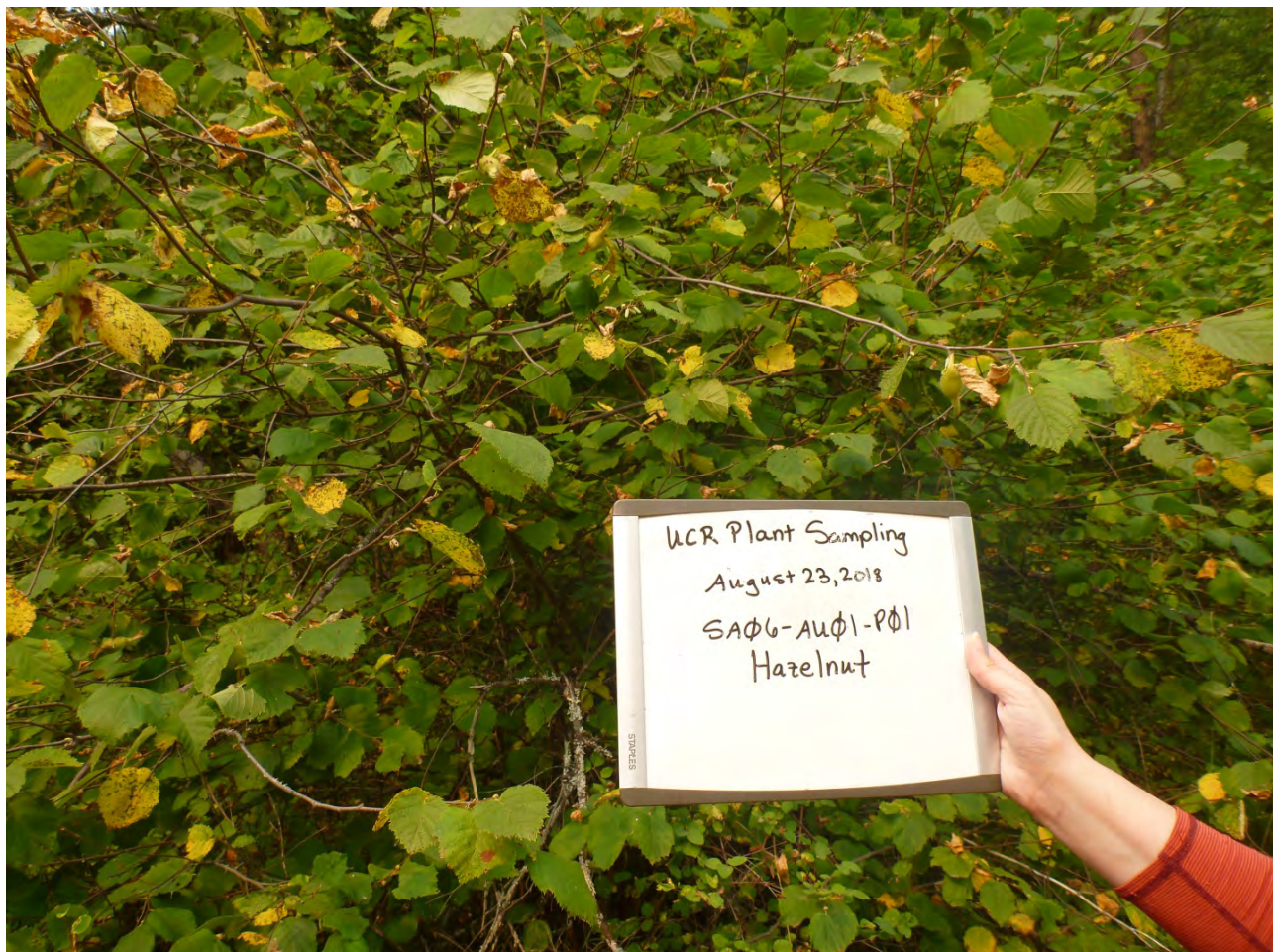
Sample Type: Individual

Sample Mass: 62 nuts

**Coordinates:**

LatWGS84: 48.9760116120

LongWGS84: -117.67478315





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU01-S01

Collection Date: August 23, 2018

Collection Time: 10:50

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9760116120

LongWGS84: -117.67478315





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU02-P01

Collection Date: August 23, 2018

Collection Time: 11:05

Species Name: *Corylus cornuta*

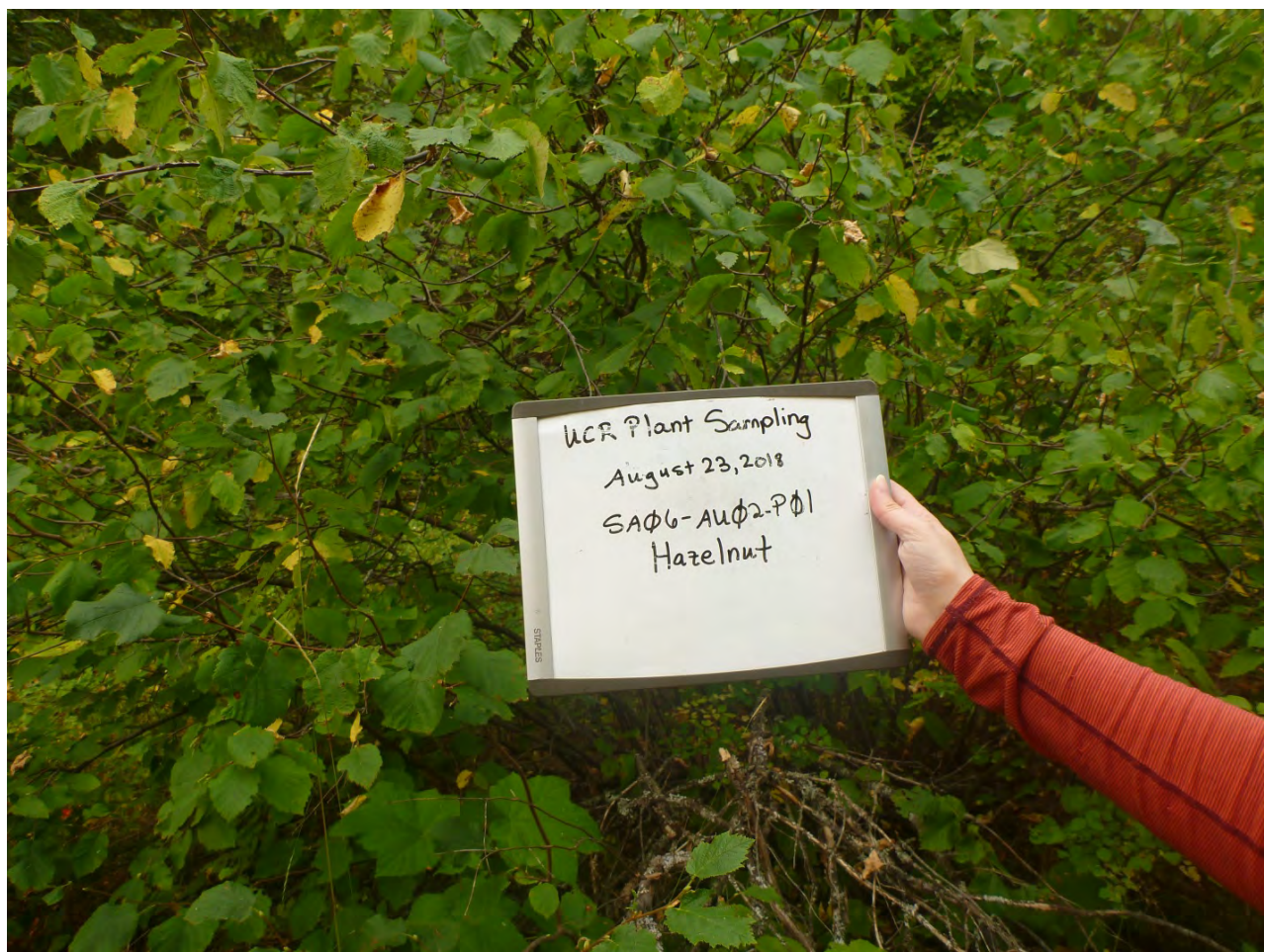
Sample Type: Individual

Sample Mass: 27 nuts

**Coordinates:**

LatWGS84: 48.9761185038

LongWGS84: -117.67478312





**Sample ID: SA06-AU02-S01**

Collection Date: August 23, 2018

Collection Time: 11:10

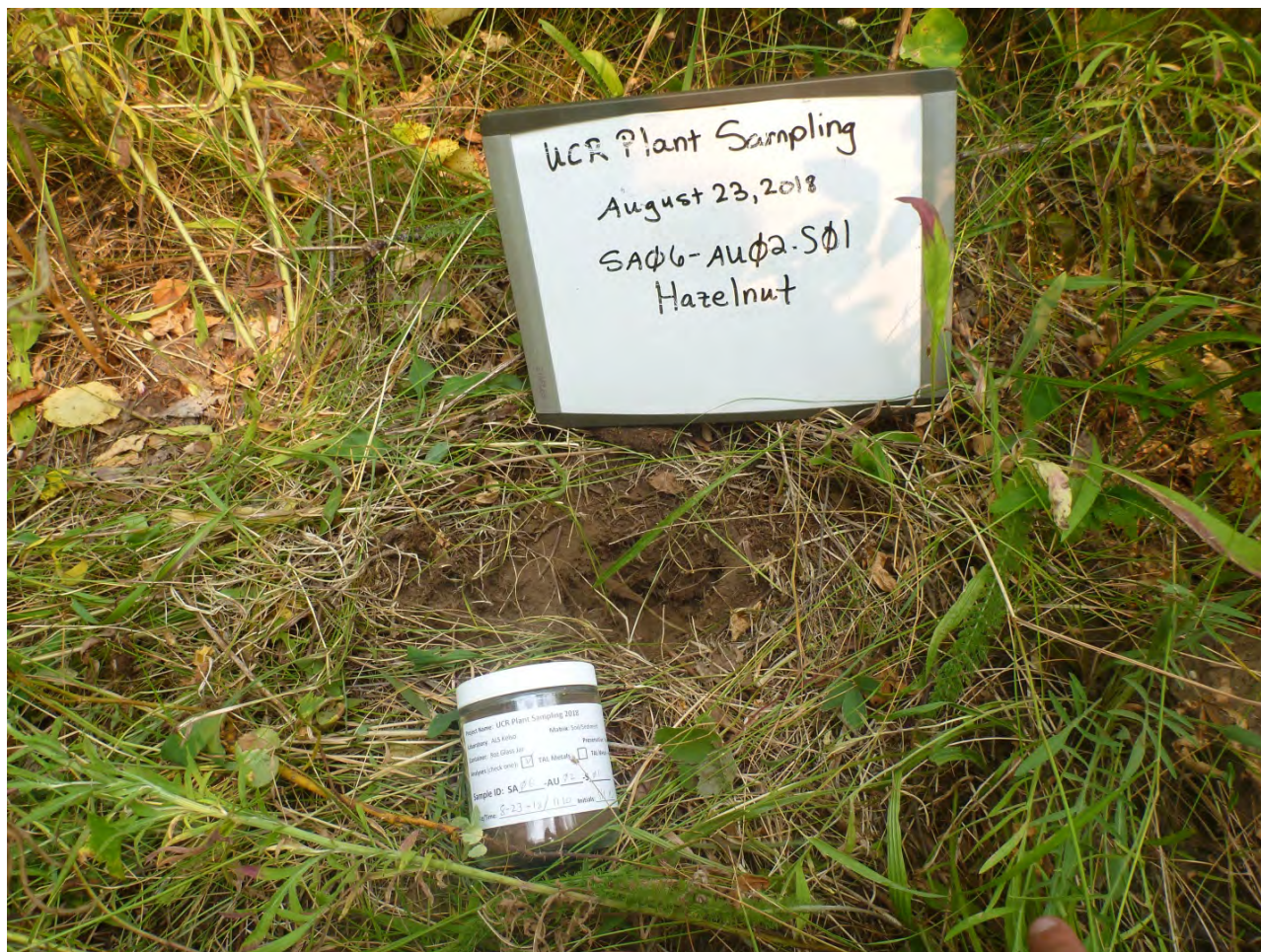
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9761185038

LongWGS84: -117.67478312





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-AU03-P01**

Collection Date: August 23, 2018

Collection Time: 11:53

Species Name: *Corylus cornuta*

Sample Type: Individual

Sample Mass: 20 nuts

**Coordinates:**

LatWGS84: 48.9763240620

LongWGS84: -117.67477142





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU03-S01

Collection Date: August 23, 2018

Collection Time: 12:00

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9763240620

LongWGS84: -117.67477142





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-AU04-P01**

Collection Date: August 23, 2018

Collection Time: 12:10

Species Name: Rosa sp.

Sample Type: Composite

Sample Mass: 5.4 grams

**Coordinates:**

LatWGS84: 48.9762669622

LongWGS84: -117.67471404









Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-AU04-S01**

Collection Date: August 23, 2018

Collection Time: 12:15

Sample Type: Composite

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9762669622

LongWGS84: -117.67471404





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU05-P01

Collection Date: August 23, 2018

Collection Time: 12:25

Species Name: Rosa sp.

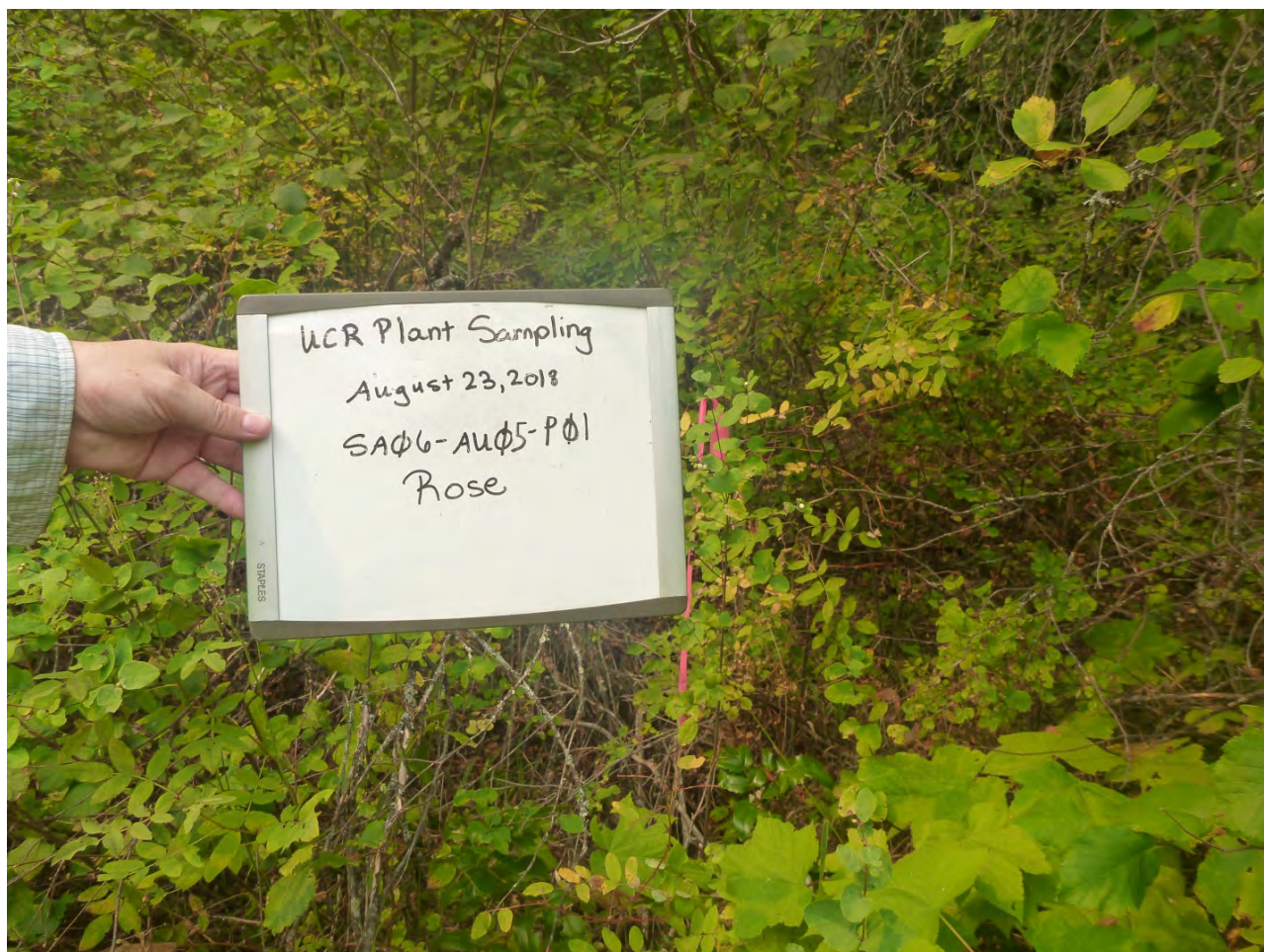
Sample Type: Individual

Sample Mass: 7.0 grams

**Coordinates:**

LatWGS84: 48.9761898454

LongWGS84: -117.67477636





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU05-S01

Collection Date: August 23, 2018

Collection Time: 12:34

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9761898454

LongWGS84: -117.67477636





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU06-P01

Collection Date: August 23, 2018

Collection Time: 12:46

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 15 grams

**Coordinates:**

LatWGS84: 48.9762047871

LongWGS84: -117.67471091





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA06-AU06-S01**

Collection Date: August 23, 2018

Collection Time: 12:53

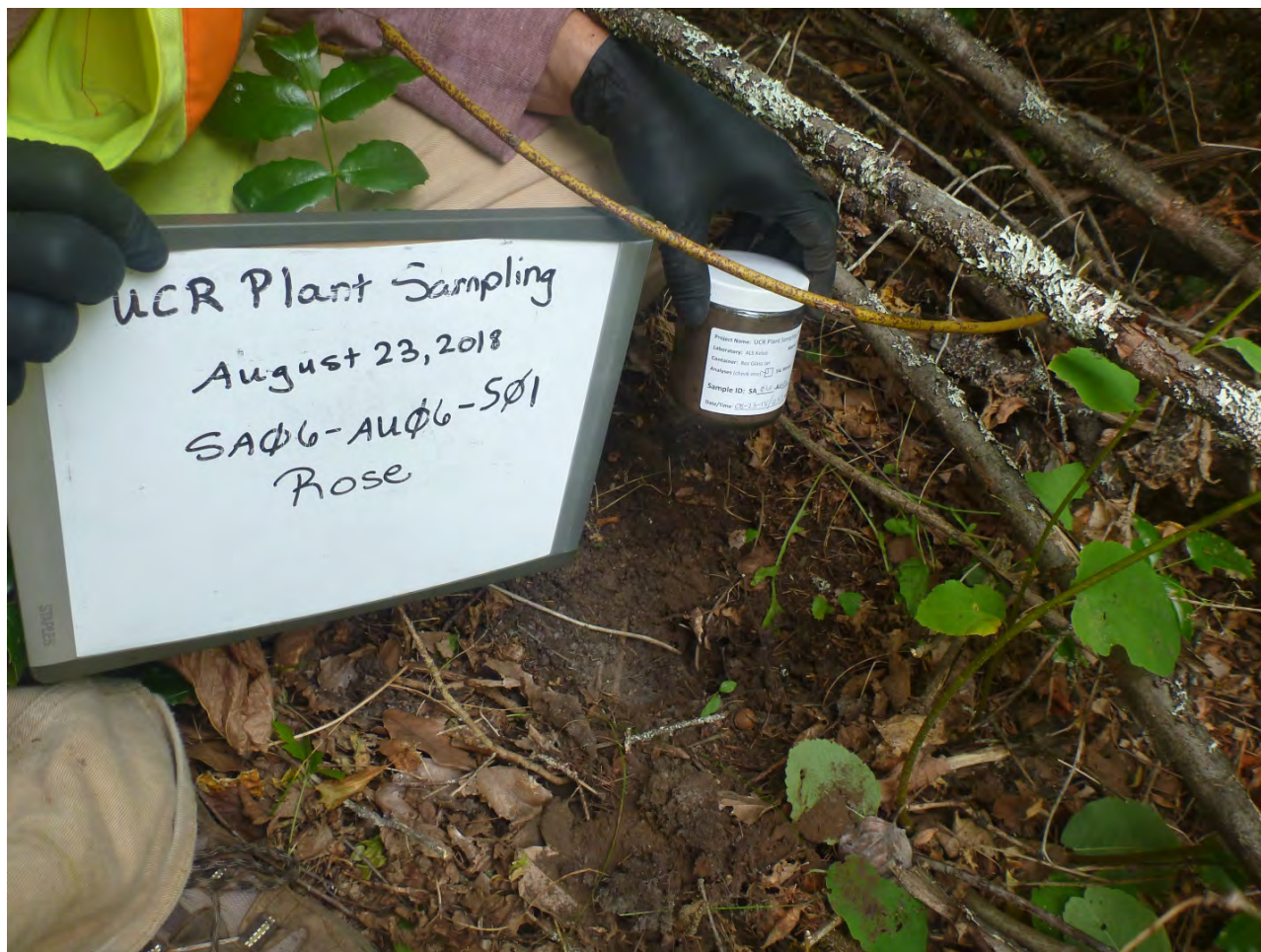
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9762047871

LongWGS84: -117.67471091





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU07-P01

Collection Date: August 23, 2018

Collection Time: 13:00

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 9.5 grams

**Coordinates:**

LatWGS84: 48.9763912037

LongWGS84: -117.67477119





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA06-AU07-S01

Collection Date: August 23, 2018

Collection Time: 13:11

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9763912037

LongWGS84: -117.67477119





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU01-P01**

Collection Date: August 24, 2018

Collection Time: 9:22

Species Name: Prunus virginiana

Sample Type: Individual

Sample Mass: 105 grams

**Coordinates:**

LatWGS84: 48.9541897120

LongWGS84: -117.72708526





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU01-S01

Collection Date: August 24, 2018

Collection Time: 9:35

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541897120

LongWGS84: -117.72708526





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU02-P01

Collection Date: August 24, 2018

Collection Time: 9:32

Species Name: Prunus virginiana

Sample Type: Individual

Sample Mass: 105 grams

**Coordinates:**

LatWGS84: 48.9541897120

LongWGS84: -117.72708526





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU02-S01**

Collection Date: August 24, 2018

Collection Time: 9:36

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541897120

LongWGS84: -117.72708526





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU03-P01**

Collection Date: August 24, 2018

Collection Time: 9:46

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 98 grams

**Coordinates:**

LatWGS84: 48.9544470287

LongWGS84: -117.72707735





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU03-S01

Collection Date: August 24, 2018

Collection Time: 9:52

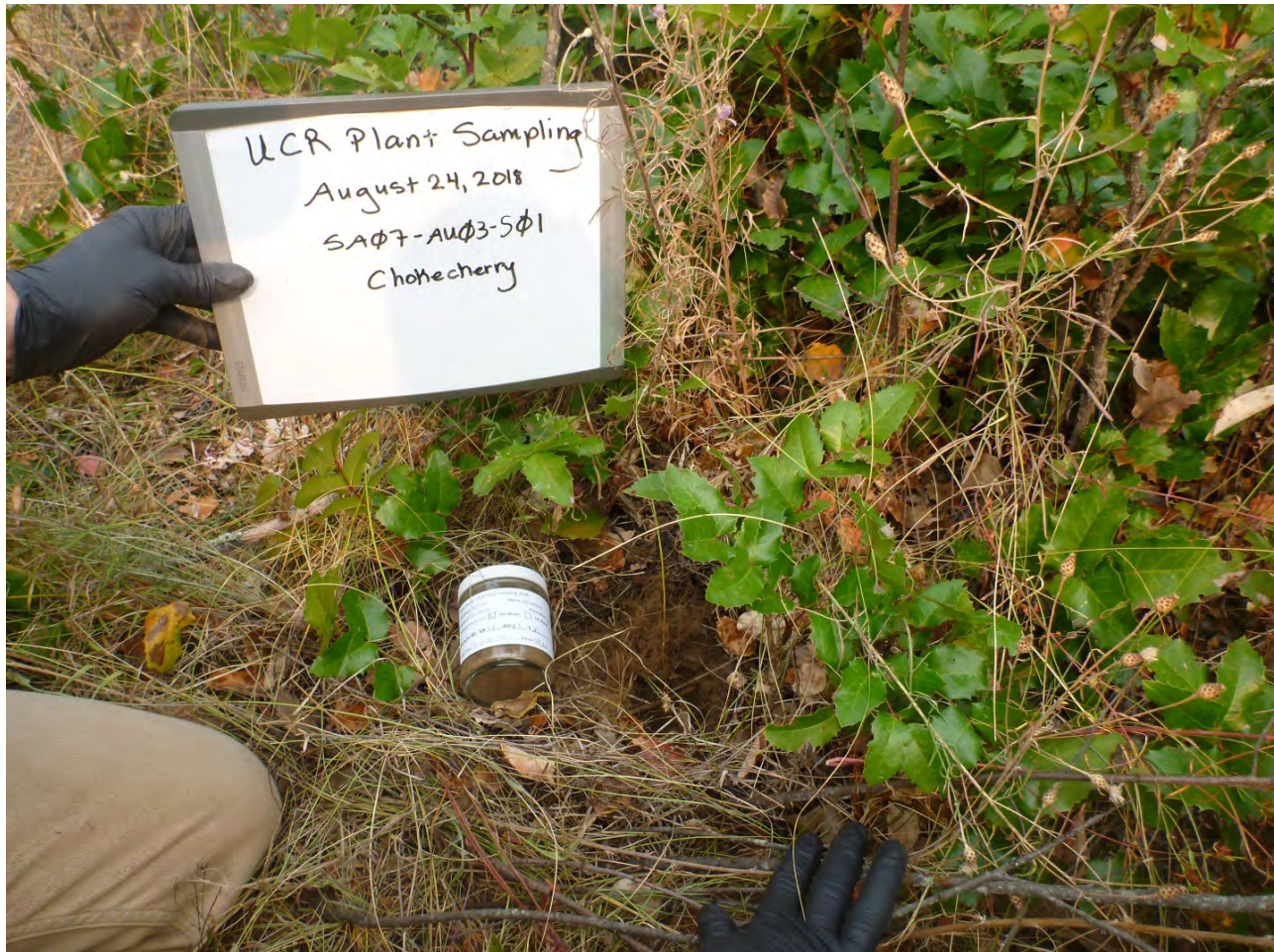
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544470287

LongWGS84: -117.72707735





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU04-P01**

Collection Date: August 24, 2018

Collection Time: 10:04

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 21.5 grams

**Coordinates:**

LatWGS84: 48.9544675954

LongWGS84: -117.72693704





**Sample ID: SA07-AU04-S01**

Collection Date: August 24, 2018

Collection Time: 10:12

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544675954

LongWGS84: -117.72693704





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU05-P01

Collection Date: August 24, 2018

Collection Time: 10:20

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 22 grams

**Coordinates:**

LatWGS84: 48.9545045454

LongWGS84: -117.72704986





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU05-S01**

Collection Date: August 24, 2018

Collection Time: 10:32

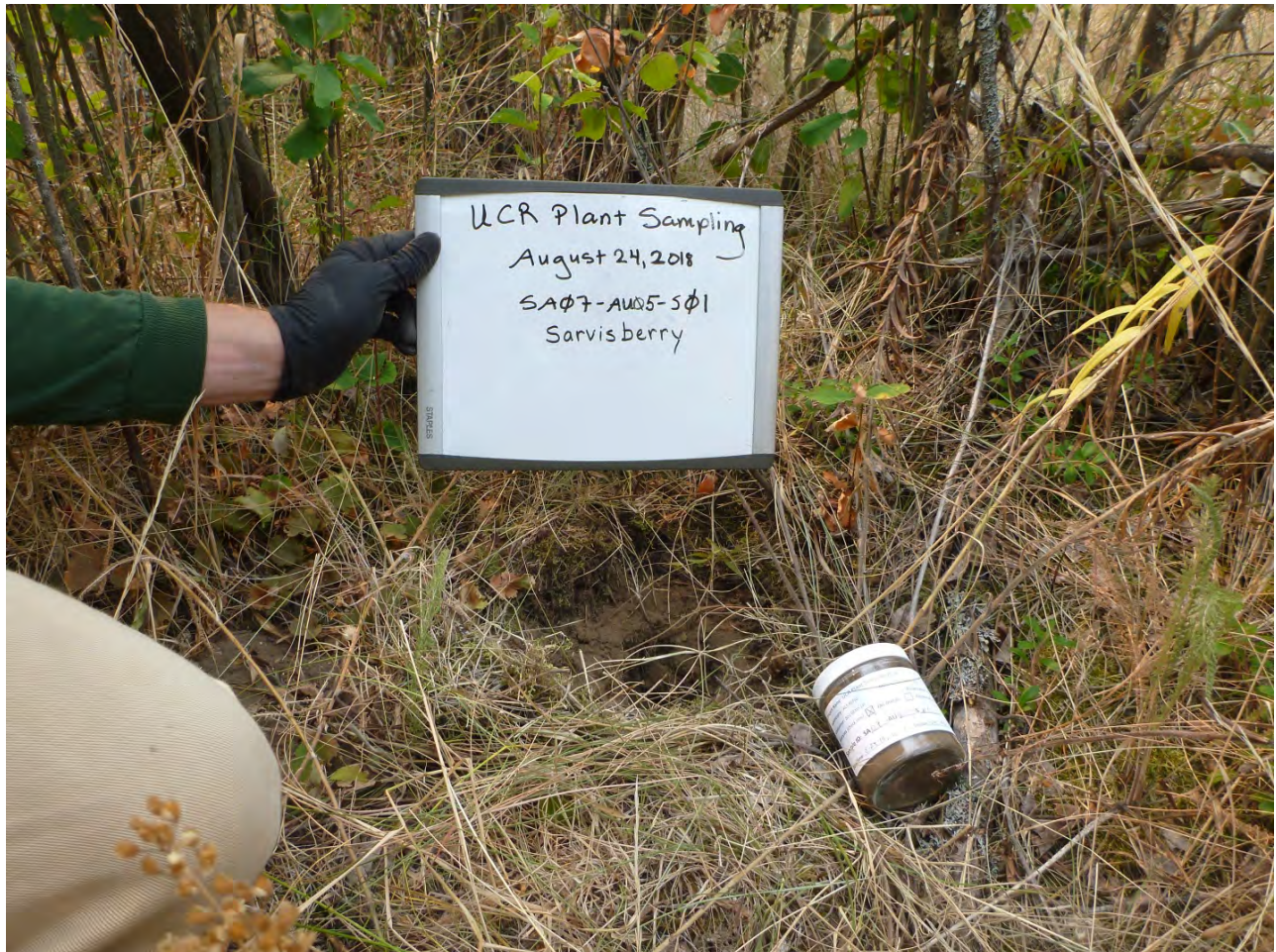
Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9545045454

LongWGS84: -117.72704986





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU06-P01**

Collection Date: August 24, 2018

Collection Time: 10:40

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 17 grams

**Coordinates:**

LatWGS84: 48.9544272704

LongWGS84: -117.72733831





**Sample ID: SA07-AU06-S01**

Collection Date: August 24, 2018

Collection Time: 11:00

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544272704

LongWGS84: -117.72733831





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU07-P01**

Collection Date: August 24, 2018  
Collection Time: 10:50  
Species Name: Amelanchier alnifolia  
Sample Type: Individual  
Sample Mass: 17 grams

**Coordinates:**

LatWGS84: 48.9544272704  
LongWGS84: -117.72733831





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU07-S01**

Collection Date: August 24, 2018

Collection Time: 11:04

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9544272704

LongWGS84: -117.72733831





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU08-P01

Collection Date: August 24, 2018

Collection Time: 11:10

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 85 grams

**Coordinates:**

LatWGS84: 48.9547355704

LongWGS84: -117.72794790





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU08-S01**

Collection Date: August 24, 2018

Collection Time: 11:15

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9547355704

LongWGS84: -117.72794790





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU09-P01

Collection Date: August 24, 2018

Collection Time: 12:31

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 13 cones

**Coordinates:**

LatWGS84: 48.9547559954

LongWGS84: -117.72786708





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU09-S01**

Collection Date: August 24, 2018

Collection Time: 12:37

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9547559954

LongWGS84: -117.72786708





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU10-P01

Collection Date: August 24, 2018

Collection Time: 12:49

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 100 grams

**Coordinates:**

LatWGS84: 48.9542052037

LongWGS84: -117.72773927





**Sample ID: SA07-AU10-S01**

Collection Date: August 24, 2018

Collection Time: 12:57

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9542052037

LongWGS84: -117.72773927





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU11-P01

Collection Date: August 24, 2018

Collection Time: 13:06

Species Name: *Prunus virginiana*

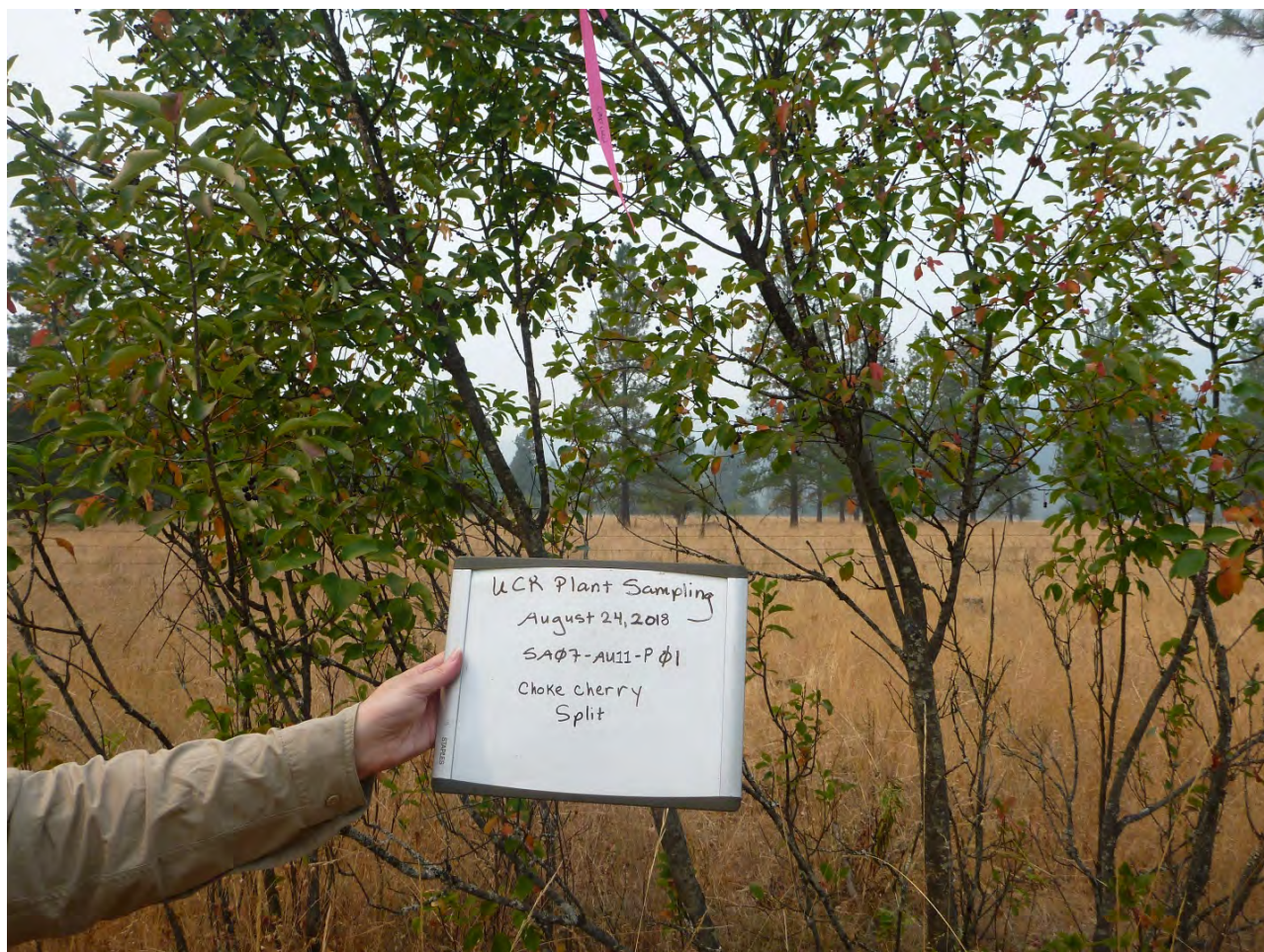
Sample Type: Individual

Sample Mass: 212 grams

**Coordinates:**

LatWGS84: 48.9539014454

LongWGS84: -117.72827066





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU11-S01

Collection Date: August 24, 2018

Collection Time: 13:15

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9539014454

LongWGS84: -117.72827066





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU12-P01**

Collection Date: August 24, 2018

Collection Time: 13:24

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 14 cones

**Coordinates:**

LatWGS84: 48.9538976787

LongWGS84: -117.72804776





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA07-AU12-S01

Collection Date: August 24, 2018

Collection Time: 13:35

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9538976787

LongWGS84: -117.72804776





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA07-AU13-P01**

Collection Date: August 24, 2018

Collection Time: 13:42

Species Name: Pinus ponderosa

Sample Type: Individual

Sample Mass: 12 cones

**Coordinates:**

LatWGS84: 48.9541484954

LongWGS84: -117.72829601





**Teck American Incorporated  
Plant Tissue Study  
Field Summary Report**



**Sample ID: SA07-AU13-S01**

Collection Date: August 24, 2018

Collection Time: 13:45

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9541484954

LongWGS84: -117.72829601





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-AU01-P01

Collection Date: August 27, 2018

Collection Time: 13:55

Species Name: Amelanchier alnifolia

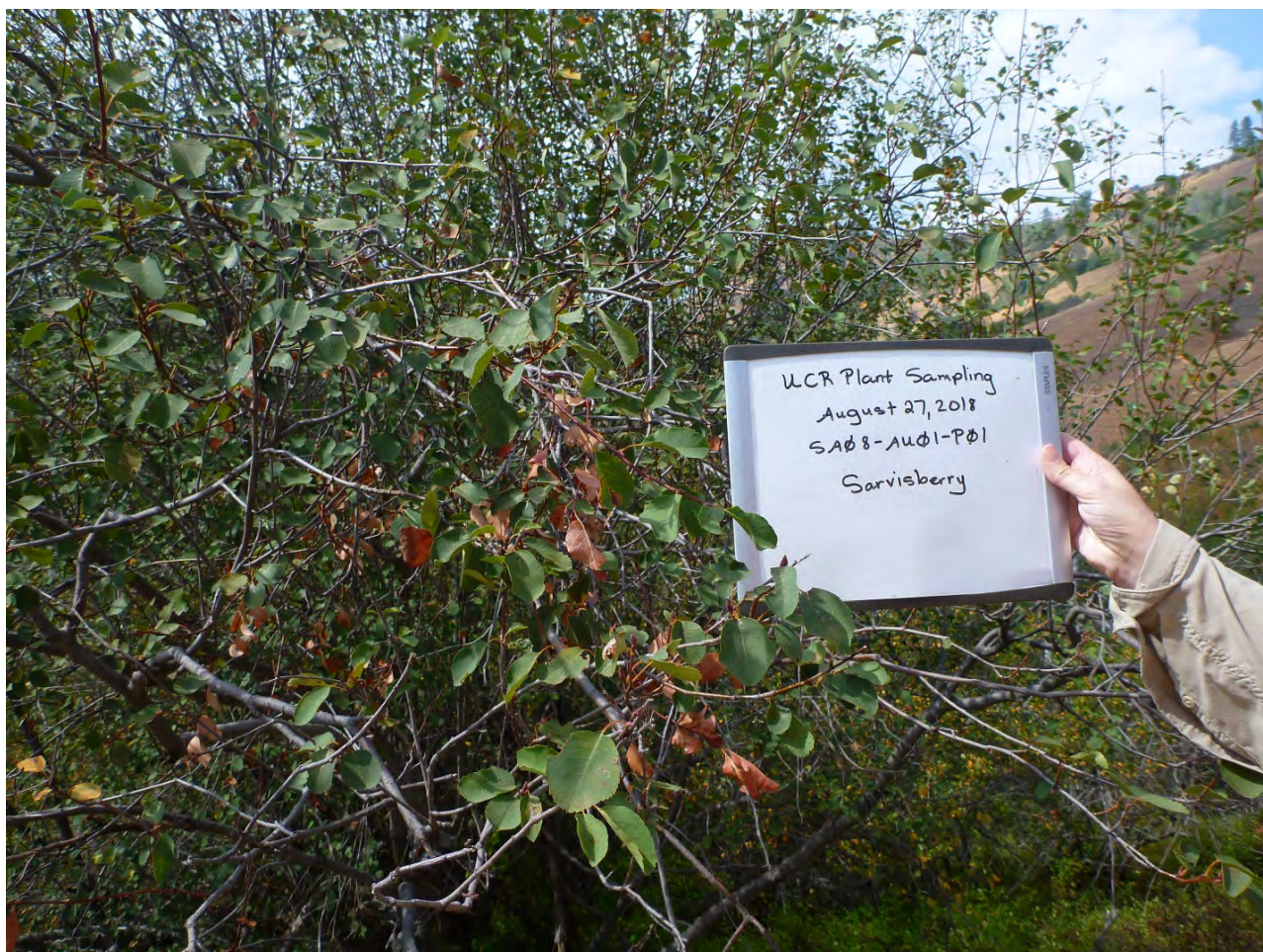
Sample Type: Individual

Sample Mass: 25 grams

**Coordinates:**

LatWGS84: 48.8820615725

LongWGS84: -117.86751575





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-AU01-S01

Collection Date: August 27, 2018

Collection Time: 13:58

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8820615725

LongWGS84: -117.86751575





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA08-AU02-P01

Collection Date: August 27, 2018

Collection Time: 13:55

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 13 grams

**Coordinates:**

LatWGS84: 48.8824128808

LongWGS84: -117.86745195





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA08-AU02-S01**

Collection Date: August 27, 2018

Collection Time: 14:19

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8824128808

LongWGS84: -117.86745195





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU01-P01

Collection Date: August 25, 2018

Collection Time: 8:59

Species Name: *Corylus cornuta*

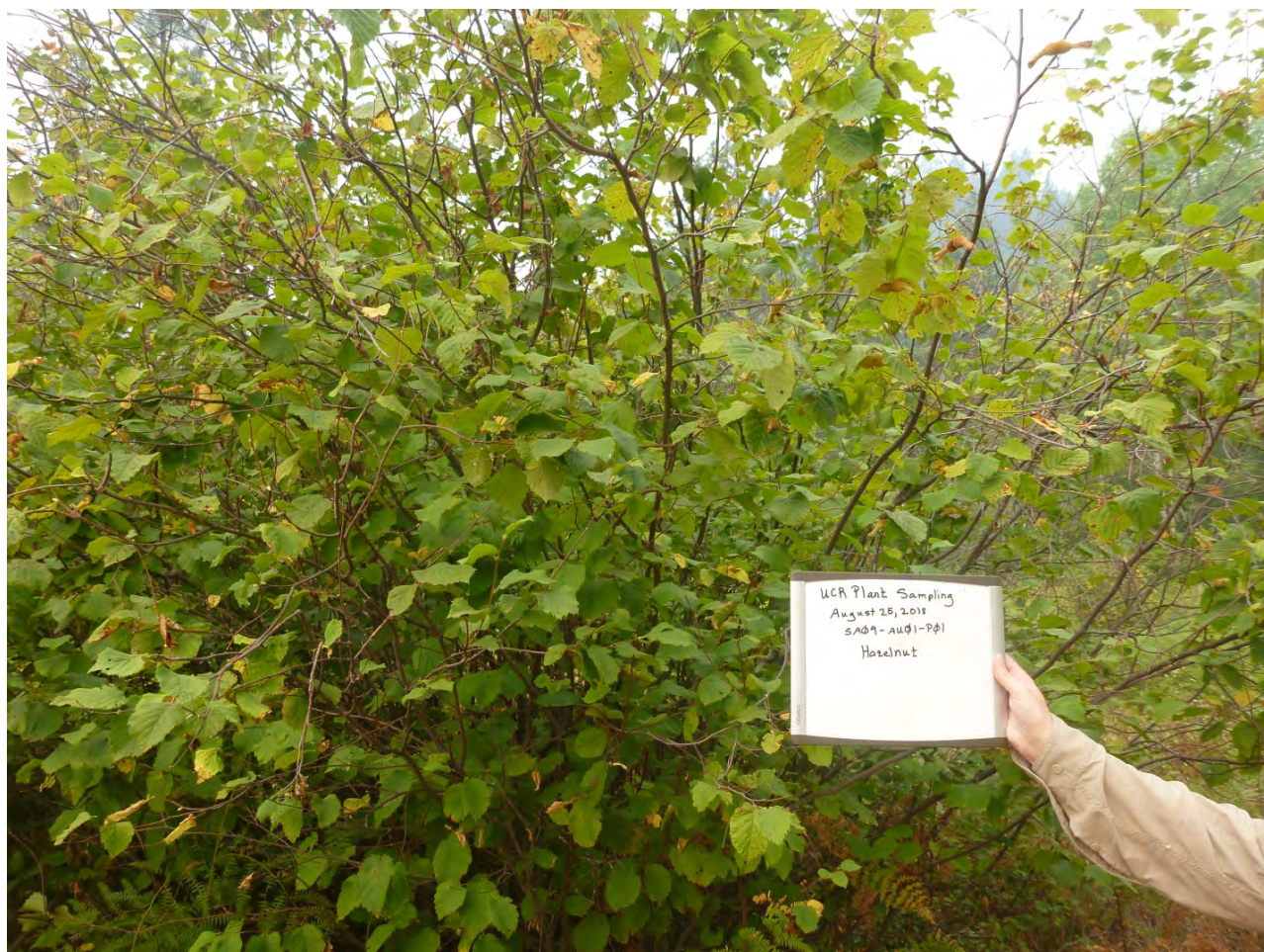
Sample Type: Individual

Sample Mass: 28 nuts

**Coordinates:**

LatWGS84: 48.9259989787

LongWGS84: -117.78935164





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA09-AU01-S01**

Collection Date: August 25, 2018

Collection Time: 9:05

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9259989787

LongWGS84: -117.78935164





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU02-P01

Collection Date: August 25, 2018

Collection Time: 9:10

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 17 grams

**Coordinates:**

LatWGS84: 48.9259745120

LongWGS84: -117.78938682





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU02-S01

Collection Date: August 25, 2018

Collection Time: 9:21

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9259745120

LongWGS84: -117.78938682





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU03-P01

Collection Date: August 25, 2018

Collection Time: 9:16

Species Name: Rosa sp.

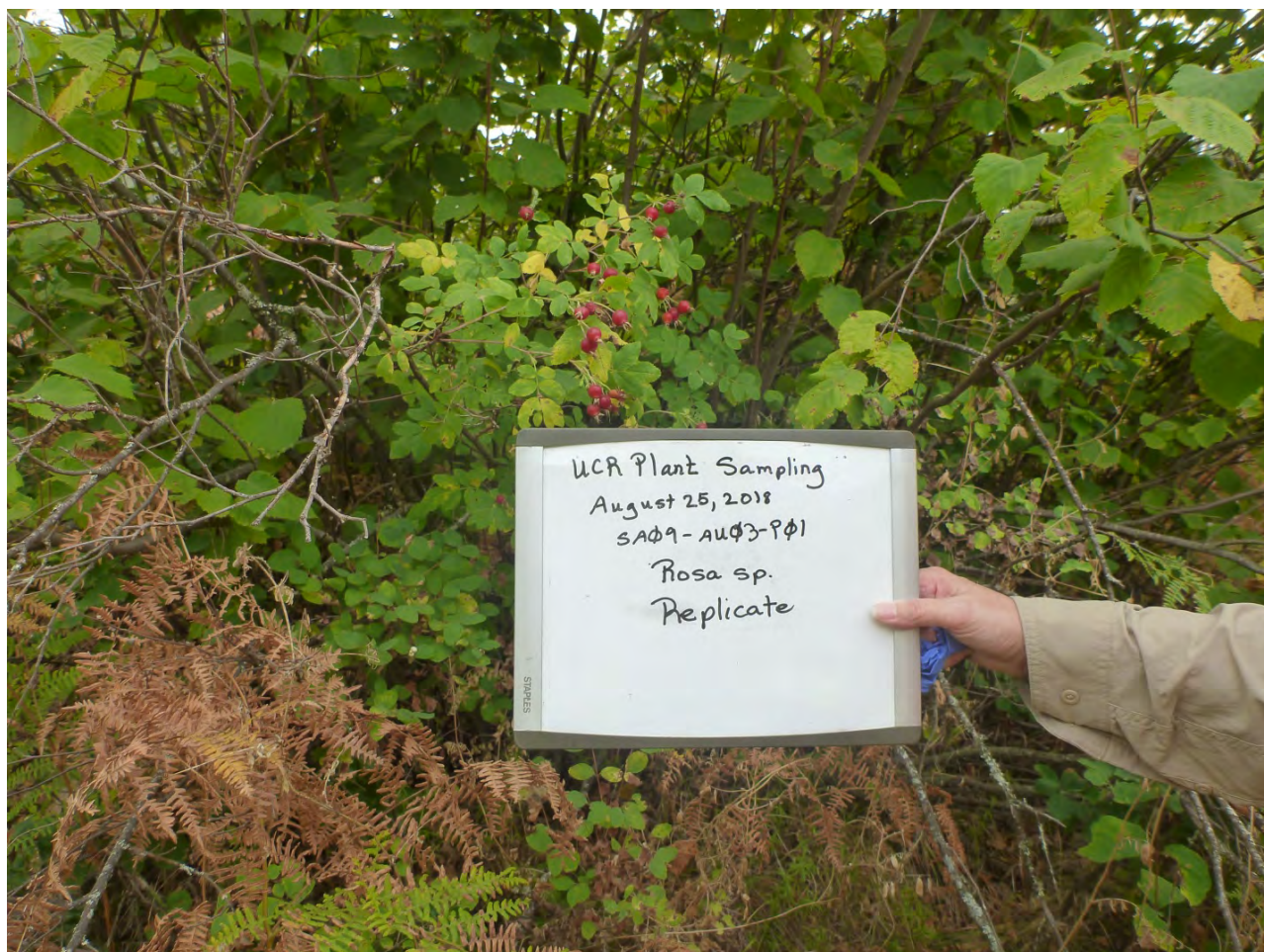
Sample Type: Individual

Sample Mass: 16 grams

**Coordinates:**

LatWGS84: 48.9259745120

LongWGS84: -117.78938682





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU03-S01

Collection Date: August 25, 2018

Collection Time: 9:22

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9259745120

LongWGS84: -117.78938682





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA09-AU04-P01

Collection Date: August 25, 2018

Collection Time: 9:32

Species Name: *Prunus virginiana*

Sample Type: Individual

Sample Mass: 89 grams

**Coordinates:**

LatWGS84: 48.9259054037

LongWGS84: -117.78931676





**Sample ID: SA09-AU04-S01**

Collection Date: August 25, 2018

Collection Time: 9:37

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9259054037

LongWGS84: -117.78931676





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU01-P01

Collection Date: August 27, 2018

Collection Time: 9:03

Species Name: Mentha arvensis

Sample Type: Individual

Sample Mass: 11 grams

**Coordinates:**

LatWGS84: 48.8849406995

LongWGS84: -117.88664999





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU01-S01

Collection Date: August 27, 2018

Collection Time: 9:09

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849406995

LongWGS84: -117.88664999





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU02-P01

Collection Date: August 27, 2018

Collection Time: 9:15

Species Name: *Mentha arvensis*

Sample Type: Individual

Sample Mass: 10.5 grams

**Coordinates:**

LatWGS84: 48.8849197412

LongWGS84: -117.88669567





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU02-S01

Collection Date: August 27, 2018

Collection Time: 9:23

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849197412

LongWGS84: -117.88669567





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU03-P01

Collection Date: August 27, 2018

Collection Time: 9:32

Species Name: *Mentha arvensis*

Sample Type: Individual

Sample Mass: 22 grams

**Coordinates:**

LatWGS84: 48.8848865662

LongWGS84: -117.88666043





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU03-S01

Collection Date: August 27, 2018

Collection Time: 9:40

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848865662

LongWGS84: -117.88666043





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU04-P01

Collection Date: August 27, 2018

Collection Time: 9:47

Species Name: Mentha arvensis

Sample Type: Individual

Sample Mass: 12 grams

**Coordinates:**

LatWGS84: 48.8848604912

LongWGS84: -117.88664934





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU04-S01

Collection Date: August 27, 2018

Collection Time: 9:53

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848604912

LongWGS84: -117.88664934





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU05-P01

Collection Date: August 27, 2018

Collection Time: 10:08

Species Name: Mentha arvensis

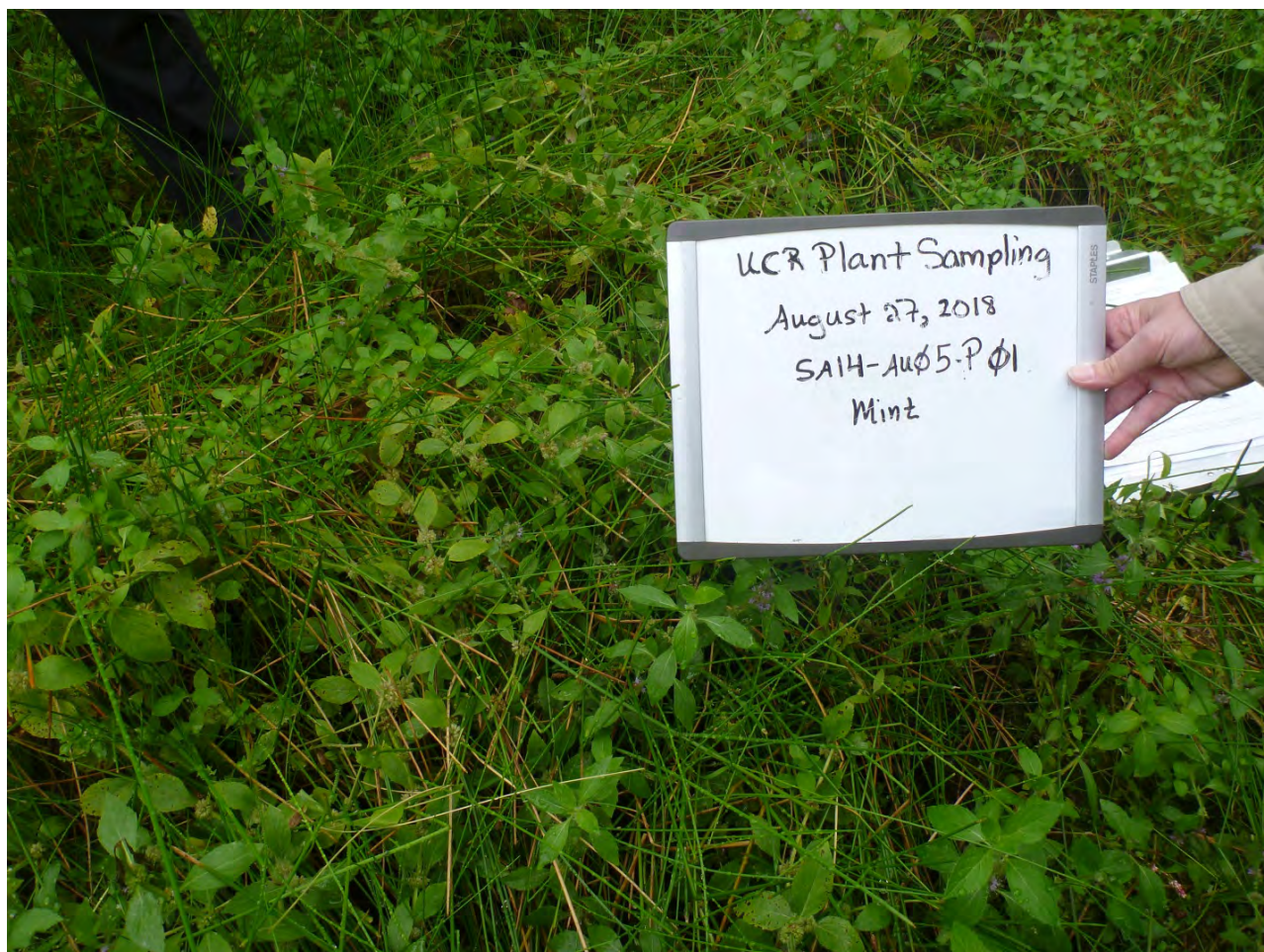
Sample Type: Individual

Sample Mass: 11 grams

**Coordinates:**

LatWGS84: 48.8848186745

LongWGS84: -117.88661135





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA14-AU05-S01**

Collection Date: August 27, 2018

Collection Time: 10:20

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848186745

LongWGS84: -117.88661135





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU06-P01

Collection Date: August 27, 2018

Collection Time: 10:10

Species Name: *Mentha arvensis*

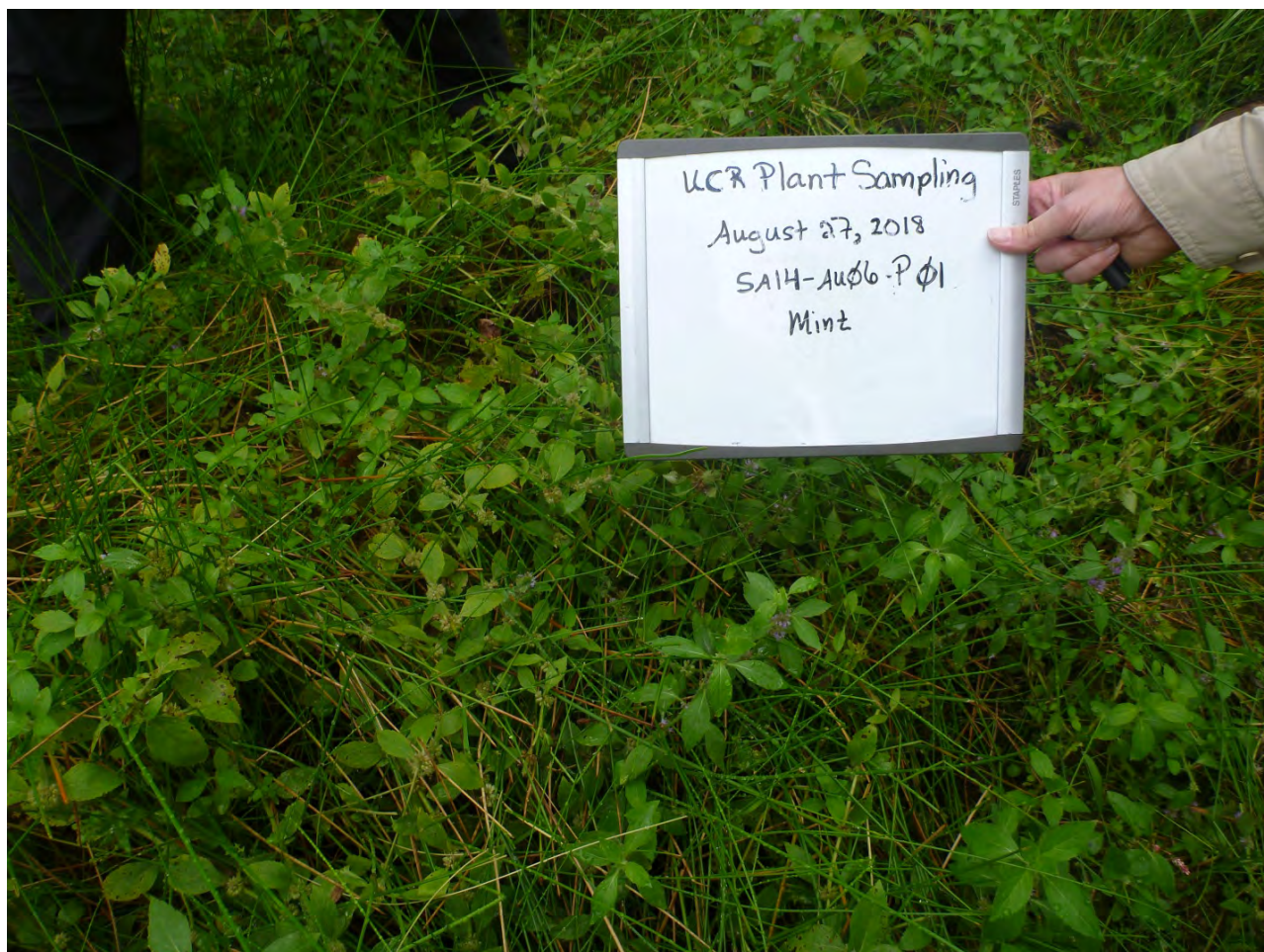
Sample Type: Individual

Sample Mass: 11 grams

**Coordinates:**

LatWGS84: 48.8848113412

LongWGS84: -117.88661880





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU06-S01

Collection Date: August 27, 2018

Collection Time: 10:22

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848113412

LongWGS84: -117.88661880





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU07-P01

Collection Date: August 27, 2018

Collection Time: 10:27

Species Name: *Mentha arvensis*

Sample Type: Individual

Sample Mass: 12 grams

**Coordinates:**

LatWGS84: 48.8848341329

LongWGS84: -117.88668351





**Sample ID: SA14-AU07-S01**

Collection Date: August 27, 2018

Collection Time: 10:35

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848341329

LongWGS84: -117.88668351





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU08-P01

Collection Date: August 27, 2018

Collection Time: 10:50

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 269 cm

**Coordinates:**

LatWGS84: 48.8848790162

LongWGS84: -117.88680413





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU08-S01

Collection Date: August 27, 2018

Collection Time: 10:55

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848790162

LongWGS84: -117.88680413





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU09-P01

Collection Date: August 27, 2018

Collection Time: 11:00

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 290 cm

**Coordinates:**

LatWGS84: 48.8849093162

LongWGS84: -117.88695481





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU09-S01

Collection Date: August 27, 2018

Collection Time: 11:10

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849093162

LongWGS84: -117.88695481





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA14-AU10-P01**

Collection Date: August 27, 2018  
Collection Time: 11:05  
Species Name: Schoenoplectus acutus  
Sample Type: Individual  
Sample Mass: 260 cm

**Coordinates:**

LatWGS84: 48.8849084996  
LongWGS84: -117.88694561





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU10-S01

Collection Date: August 27, 2018

Collection Time: 11:15

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849084996

LongWGS84: -117.88694561





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU11-P01

Collection Date: August 27, 2018

Collection Time: 11:18

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 233 cm

**Coordinates:**

LatWGS84: 48.8849675995

LongWGS84: -117.88674040





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU11-S01

Collection Date: August 27, 2018

Collection Time: 11:20

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849675995

LongWGS84: -117.88674040





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU12-P01

Collection Date: August 27, 2018

Collection Time: 12:00

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 412 cm

**Coordinates:**

LatWGS84: 48.8848837079

LongWGS84: -117.88667585





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU12-S01

Collection Date: August 27, 2018

Collection Time: 12:05

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848837079

LongWGS84: -117.88667585





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU13-P01

Collection Date: August 27, 2018

Collection Time: 12:15

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 272 cm

**Coordinates:**

LatWGS84: 48.8848742162

LongWGS84: -117.88673062





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU13-S01

Collection Date: August 27, 2018

Collection Time: 12:18

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8848742162

LongWGS84: -117.88673062





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU14-P01

Collection Date: August 27, 2018

Collection Time: 12:23

Species Name: Schoenoplectus acutus

Sample Type: Individual

Sample Mass: 277 cm

**Coordinates:**

LatWGS84: 48.8849096329

LongWGS84: -117.88675127





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU14-S01

Collection Date: August 27, 2018

Collection Time: 12:27

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8849096329

LongWGS84: -117.88675127





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA14-AU15-P01**

Collection Date: August 27, 2018

Collection Time: 12:37

Species Name: Rosa sp.

Sample Type: Individual

Sample Mass: 7.2 grams

**Coordinates:**

LatWGS84: 48.8850945662

LongWGS84: -117.88631199





**Sample ID: SA14-AU15-S01**

Collection Date: August 27, 2018

Collection Time: 12:40

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8850945662

LongWGS84: -117.88631199





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA14-AU16-P01

Collection Date: August 27, 2018

Collection Time: 12:50

Species Name: Amelanchier alnifolia

Sample Type: Individual

Sample Mass: 8.15 grams

**Coordinates:**

LatWGS84: 48.8851622495

LongWGS84: -117.88626390





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA14-AU16-S01**

Collection Date: August 27, 2018

Collection Time: 12:55

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.8851622495

LongWGS84: -117.88626390





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU01-P01

Collection Date: August 28, 2018

Collection Time: 9:45

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 411 cm

**Coordinates:**

LatWGS84: 48.9416490356

LongWGS84: -117.72102733





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU01-S01

Collection Date: August 28, 2018

Collection Time: 9:50

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9416490356

LongWGS84: -117.72102733





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU02-P01

Collection Date: August 28, 2018

Collection Time: 9:55

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 190 cm

**Coordinates:**

LatWGS84: 48.9417212106

LongWGS84: -117.72098368





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA15-AU02-S01**

Collection Date: August 28, 2018

Collection Time: 9:57

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9417212106

LongWGS84: -117.72098368





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU03-P01

Collection Date: August 28, 2018

Collection Time: 10:13

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 202 cm

**Coordinates:**

LatWGS84: 48.9411481940

LongWGS84: -117.72127005





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU03-S01

Collection Date: August 28, 2018

Collection Time: 10:22

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9411481940

LongWGS84: -117.72127005





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA15-AU04-P01**

Collection Date: August 28, 2018

Collection Time: 10:20

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 233 cm

**Coordinates:**

LatWGS84: 48.9411409107

LongWGS84: -117.72126099





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU04-S01

Collection Date: August 28, 2018

Collection Time: 10:23

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9411409107

LongWGS84: -117.72126099





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU05-P01

Collection Date: August 28, 2018

Collection Time: 10:36

Species Name: *Salix exigua*

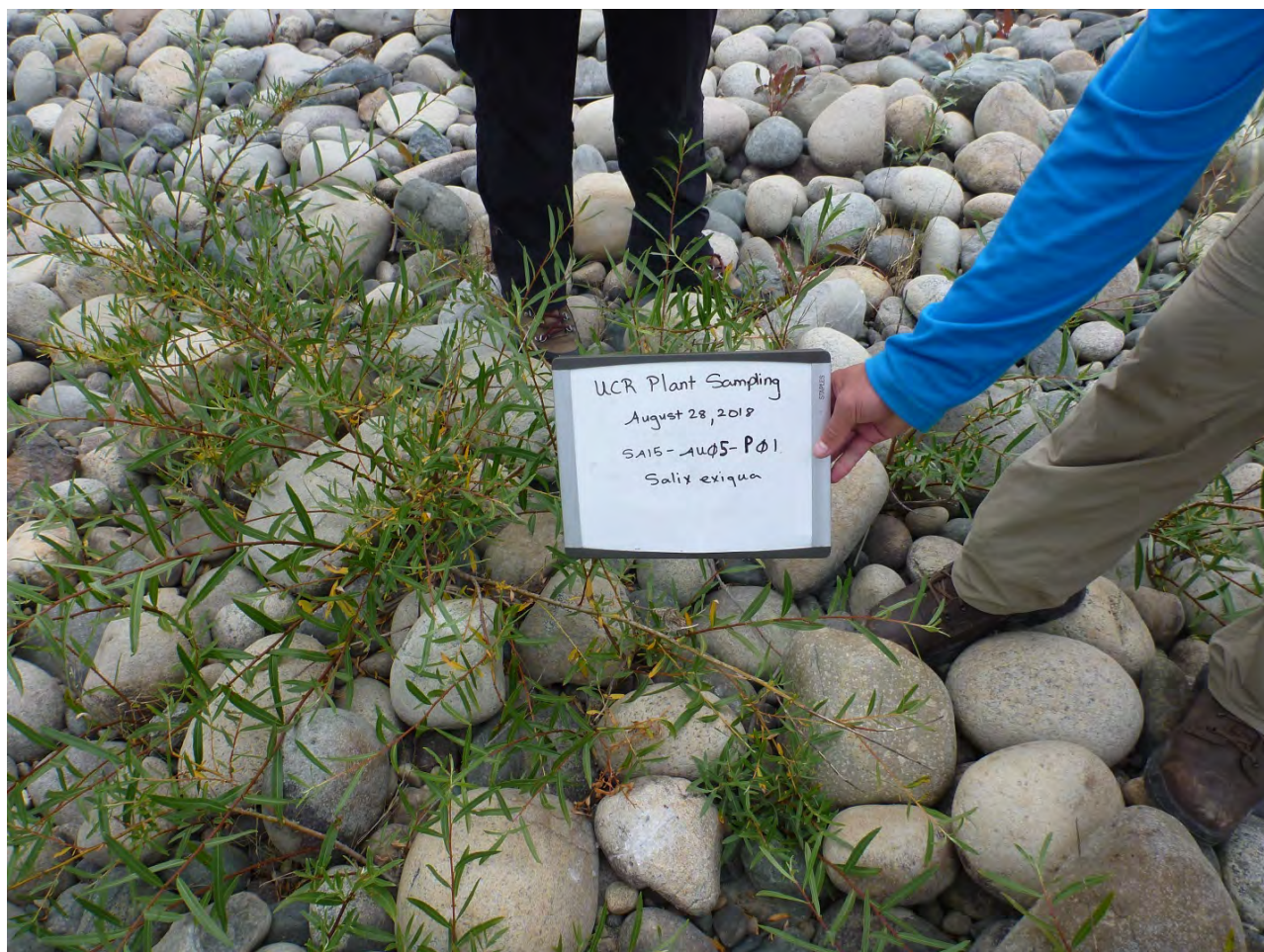
Sample Type: Individual

Sample Mass: 218 cm

**Coordinates:**

LatWGS84: 48.9410997524

LongWGS84: -117.72117803





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU05-S01

Collection Date: August 28, 2018

Collection Time: 10:41

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9410997524

LongWGS84: -117.72117803





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU06-P01

Collection Date: August 28, 2018

Collection Time: 10:55

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 203 cm

**Coordinates:**

LatWGS84: 48.9416763273

LongWGS84: -117.72103176





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID: SA15-AU06-S01**

Collection Date: August 28, 2018

Collection Time: 10:59

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9416763273

LongWGS84: -117.72103176





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU07-P01

Collection Date: August 28, 2018

Collection Time: 11:05

Species Name: *Salix exigua*

Sample Type: Individual

Sample Mass: 208 cm

**Coordinates:**

LatWGS84: 48.9417615523

LongWGS84: -117.72101641





Teck American Incorporated  
Plant Tissue Study  
Field Summary Report



**Sample ID:** SA15-AU07-S01

Collection Date: August 28, 2018

Collection Time: 11:08

Sample Type: Individual

Collection Depth: 0-3"

**Coordinates:**

LatWGS84: 48.9417615523

LongWGS84: -117.72101641





## Appendix I



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA01-SP01-P01	SA01-SP01	4/27/2018 15:55	PlantTissue	Composite	Camassia quamash	4.9	g	
SA01-SP01-P01a	SA01-SP01	4/27/2018 15:55	PlantTissue	Single	Camassia quamash	1.7	g	
SA01-SP01-P01b	SA01-SP01	4/27/2018 15:55	PlantTissue	Single	Camassia quamash	1.1	g	
SA01-SP01-P01c	SA01-SP01	4/27/2018 15:55	PlantTissue	Single	Camassia quamash	2.1	g	
SA01-SP01-S01	SA01-SP01	4/27/2018 16:03	Soil	Composite				
SA01-SP01-S01a	SA01-SP01	4/27/2018 16:03	Soil	Single				40
SA01-SP01-S01b	SA01-SP01	4/27/2018 16:03	Soil	Single				20
SA01-SP01-S01c	SA01-SP01	4/27/2018 16:03	Soil	Single				40
SA01-SP02-P01	SA01-SP02	4/27/2018 16:08	PlantTissue	Composite	Camassia quamash	4.9	g	
SA01-SP02-P01a	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	1.3	g	
SA01-SP02-P01b	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	0.7	g	
SA01-SP02-P01c	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	1.0	g	
SA01-SP02-P01d	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	0.6	g	
SA01-SP02-P01e	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	0.6	g	
SA01-SP02-P01f	SA01-SP02	4/27/2018 16:08	PlantTissue	Single	Camassia quamash	0.7	g	
SA01-SP02-S01	SA01-SP02	4/27/2018 16:23	Soil	Composite				
SA01-SP02-S01a	SA01-SP02	4/27/2018 16:23	Soil	Single				30
SA01-SP02-S01b	SA01-SP02	4/27/2018 16:23	Soil	Single				10
SA01-SP02-S01c	SA01-SP02	4/27/2018 16:23	Soil	Single				30
SA01-SP02-S01d	SA01-SP02	4/27/2018 16:23	Soil	Single				10
SA01-SP02-S01e	SA01-SP02	4/27/2018 16:23	Soil	Single				10
SA01-SP02-S01f	SA01-SP02	4/27/2018 16:23	Soil	Single				10
SA01-SP03-P01	SA01-SP03	4/28/2018 9:26	PlantTissue		Lomatium triternatum			
SA01-SP04-P01	SA01-SP04	4/28/2018 10:34	PlantTissue	Composite	Claytonia lanceolata	4.6	g	
SA01-SP04-P01a	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP04-P01b	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.9	g	



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA01-SP04-P01c	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA01-SP04-P01d	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP04-P01e	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA01-SP04-P01f	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP04-P01g	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP04-P01h	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP04-P01i	SA01-SP04	4/28/2018 10:34	PlantTissue	Single	Claytonia lanceolata	1.3	g	
SA01-SP04-S01	SA01-SP04	4/28/2018 10:40	Soil	Composite				
SA01-SP04-S01a	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01b	SA01-SP04	4/28/2018 10:40	Soil	Single				25
SA01-SP04-S01c	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01d	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01e	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01f	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01g	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01h	SA01-SP04	4/28/2018 10:40	Soil	Single				7
SA01-SP04-S01i	SA01-SP04	4/28/2018 10:40	Soil	Single				25
SA01-SP05-P01	SA01-SP05	4/28/2018 10:39	PlantTissue	Composite	Bryoria fremontii	2.3	g	
SA01-SP05-S01	SA01-SP05	4/28/2018 11:05	Soil	Composite				
SA01-SP06-P01	SA01-SP06	4/28/2018 11:37	PlantTissue	Composite	Claytonia lanceolata	4.4	g	
SA01-SP06-P01a	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA01-SP06-P01b	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.7	g	
SA01-SP06-P01c	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA01-SP06-P01d	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA01-SP06-P01e	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP06-P01f	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.3	g	



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA01-SP06-P01g	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA01-SP06-P01h	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA01-SP06-P01i	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA01-SP06-P01j	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA01-SP06-P01k	SA01-SP06	4/28/2018 11:37	PlantTissue	Single	Claytonia lanceolata	0.7	g	
SA01-SP06-S01	SA01-SP06	4/28/2018 11:58	Soil	Composite				
SA01-SP06-S01a	SA01-SP06	4/28/2018 11:58	Soil	Single				17.6
SA01-SP06-S01b	SA01-SP06	4/28/2018 11:58	Soil	Single				17.6
SA01-SP06-S01c	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01d	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01e	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01f	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01g	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01h	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01i	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01j	SA01-SP06	4/28/2018 11:58	Soil	Single				5.9
SA01-SP06-S01k	SA01-SP06	4/28/2018 11:58	Soil	Single				17.6
SA01-SP07-P01	SA01-SP07	4/28/2018 12:01	PlantTissue	Composite	Bryoria fremontii	16.0	g	
SA01-SP07-S01	SA01-SP07	4/28/2018 11:57	Soil	Composite				
SA01-SP08-P01	SA01-SP08	4/28/2018 13:45	PlantTissue	Composite	Bryoria fremontii	9.0	g	
SA01-SP08-S01	SA01-SP08	4/28/2018 13:55	Soil	Composite				
SA01-SP09-P01	SA01-SP09	4/28/2018 13:25	PlantTissue	Composite	Camassia quamash	4.6	g	
SA01-SP09-P01a	SA01-SP09	4/28/2018 13:25	PlantTissue	Single	Camassia quamash	2.4	g	
SA01-SP09-P01b	SA01-SP09	4/28/2018 13:25	PlantTissue	Single	Camassia quamash	2.2	g	
SA01-SP09-S01	SA01-SP09	4/28/2018 13:30	Soil	Composite				
SA01-SP09-S01a	SA01-SP09	4/28/2018 13:30	Soil	Single				50



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA01-SP09-S01b	SA01-SP09	4/28/2018 13:30	Soil	Single				50
SA01-SP10-P01	SA01-SP10	4/28/2018 14:40	PlantTissue	Composite	Bryoria fremontii	6.1	g	
SA01-SP10-S01	SA01-SP10	4/28/2018 14:50	Soil	Composite				
SA01-SP11-P01	SA01-SP11	4/28/2018 15:05	PlantTissue	Composite	Bryoria fremontii	5.3	g	
SA01-SP11-S01	SA01-SP11	4/28/2018 15:05	Soil	Composite				
SA01-SP12-P01	SA01-SP12	4/28/2018 15:43	PlantTissue	Composite	Bryoria fremontii	10.3	g	
SA01-SP12-S01	SA01-SP12	4/28/2018 15:44	Soil	Composite				
SA02-SP01-P01	SA02-SP01	4/25/2018 16:34	PlantTissue	Composite	Claytonia lanceolata	2.3	g	
SA02-SP01-P01a	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP01-P01b	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP01-P01c	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP01-P01d	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP01-P01e	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA02-SP01-P01f	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA02-SP01-P01g	SA02-SP01	4/25/2018 16:34	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA02-SP01-S01	SA02-SP01	4/25/2018 16:34	Soil	Composite				
SA02-SP01-S01a	SA02-SP01	4/25/2018 16:34	Soil	Single				8.6
SA02-SP01-S01b	SA02-SP01	4/25/2018 16:34	Soil	Single				8.6
SA02-SP01-S01c	SA02-SP01	4/25/2018 16:34	Soil	Single				8.6
SA02-SP01-S01d	SA02-SP01	4/25/2018 16:34	Soil	Single				8.6
SA02-SP01-S01e	SA02-SP01	4/25/2018 16:34	Soil	Single				17.4
SA02-SP01-S01f	SA02-SP01	4/25/2018 16:34	Soil	Single				23.9
SA02-SP01-S01g	SA02-SP01	4/25/2018 16:34	Soil	Single				23.9
SA02-SP02-P01	SA02-SP02	4/26/2018 9:54	PlantTissue	Individual	Arctostaphylos uva-ursi	6.5	g	
SA02-SP02-S01	SA02-SP02	4/26/2018 10:16	Soil	Individual				
SA02-SP03-P01	SA02-SP03	4/26/2018 9:59	PlantTissue	Individual	Arctostaphylos uva-ursi	5.9	g	



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA02-SP03-S01	SA02-SP03	4/26/2018 10:23	Soil	Individual				
SA02-SP04-P01	SA02-SP04	4/26/2018 10:57	PlantTissue	Individual	Arctostaphylos uva-ursi	11.4	g	
SA02-SP04-S01	SA02-SP04	4/26/2018 11:00	Soil	Individual				
SA02-SP05-P01	SA02-SP05	4/26/2018 11:29	PlantTissue	Individual	Arctostaphylos uva-ursi	6.0	g	
SA02-SP05-S01	SA02-SP05	4/26/2018 11:35	Soil	Individual				
SA02-SP06-P01	SA02-SP06	4/26/2018 12:16	PlantTissue	Composite	Lomatium triternatum	3.9	g	
SA02-SP06-P01a	SA02-SP06	4/26/2018 12:16	PlantTissue	Single	Lomatium triternatum	2.0	g	
SA02-SP06-P01b	SA02-SP06	4/26/2018 12:16	PlantTissue	Single	Lomatium triternatum	0.3	g	
SA02-SP06-P01c	SA02-SP06	4/26/2018 12:16	PlantTissue	Single	Lomatium triternatum	1.6	g	
SA02-SP06-S01	SA02-SP06	4/26/2018 12:27	Soil	Composite				
SA02-SP06-S01a	SA02-SP06	4/26/2018 12:27	Soil	Single				45
SA02-SP06-S01b	SA02-SP06	4/26/2018 12:27	Soil	Single				10
SA02-SP06-S01c	SA02-SP06	4/26/2018 12:27	Soil	Single				45
SA02-SP07-P01	SA02-SP07	4/26/2018 13:56	PlantTissue	Composite	Claytonia lanceolata	2.2	g	
SA02-SP07-P01a	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP07-P01b	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP07-P01c	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA02-SP07-P01d	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP07-P01e	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA02-SP07-P01f	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA02-SP07-P01g	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA02-SP07-P01h	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.0	g	
SA02-SP07-P01i	SA02-SP07	4/26/2018 13:56	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA02-SP07-S01	SA02-SP07	4/26/2018 14:19	Soil	Composite				11.1
SA02-SP07-S01a	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01b	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1



FIELD SAMPLES

Teck American Incorporated  
 Plant Tissue Study  
 Spring, June, and August 2018

Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA02-SP07-S01c	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01d	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01e	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01f	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01g	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01h	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA02-SP07-S01i	SA02-SP07	4/26/2018 14:19	Soil	Single				11.1
SA03-SP01-P01	SA03-SP01	4/26/2018 15:47	PlantTissue	Individual	Arctostaphylos uva-ursi	5.6	g	
SA03-SP01-S01	SA03-SP01	4/26/2018 15:54	Soil	Individual				
SA03-SP02-P01	SA03-SP02	4/26/2018 15:52	PlantTissue	Individual	Arctostaphylos uva-ursi	5.7	g	
SA03-SP02-S01	SA03-SP02	4/26/2018 16:04	Soil	Individual				
SA03-SP03-P01	SA03-SP03	4/26/2018 16:34	PlantTissue	Composite	Camassia quamash	6.1	g	
SA03-SP03-P01a	SA03-SP03	4/26/2018 16:34	PlantTissue	Single	Camassia quamash	2.3	g	
SA03-SP03-P01b	SA03-SP03	4/26/2018 16:34	PlantTissue	Single	Camassia quamash	1.4	g	
SA03-SP03-P01c	SA03-SP03	4/26/2018 16:34	PlantTissue	Single	Camassia quamash	2.4	g	
SA03-SP03-S01	SA03-SP03	4/26/2018 16:40	Soil	Composite				
SA03-SP03-S01a	SA03-SP03	4/26/2018 16:40	Soil	Single				40
SA03-SP03-S01b	SA03-SP03	4/26/2018 16:40	Soil	Single				20
SA03-SP03-S01c	SA03-SP03	4/26/2018 16:40	Soil	Single				40
SA03-SP04-P01	SA03-SP04	4/27/2018 9:07	PlantTissue	Composite	Camassia quamash	5.4	g	
SA03-SP04-P01a	SA03-SP04	4/27/2018 9:07	PlantTissue	Single	Camassia quamash	1.6	g	
SA03-SP04-P01b	SA03-SP04	4/27/2018 9:07	PlantTissue	Single	Camassia quamash	1.2	g	
SA03-SP04-P01c	SA03-SP04	4/27/2018 9:07	PlantTissue	Single	Camassia quamash	1.2	g	
SA03-SP04-P01d	SA03-SP04	4/27/2018 9:07	PlantTissue	Single	Camassia quamash	1.4	g	
SA03-SP04-S01	SA03-SP04	4/27/2018 9:20	Soil	Composite				
SA03-SP04-S01a	SA03-SP04	4/27/2018 9:20	Soil	Single				30



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SA03-SP04-S01b	SA03-SP04	4/27/2018 9:20	Soil	Single				20
SA03-SP04-S01c	SA03-SP04	4/27/2018 9:20	Soil	Single				20
SA03-SP04-S01d	SA03-SP04	4/27/2018 9:20	Soil	Single				30
SA03-SP05-P01	SA03-SP05	4/27/2018 9:41	PlantTissue	Composite	Camassia quamash	4.6	g	
SA03-SP05-P01a	SA03-SP05	4/27/2018 9:41	PlantTissue	Single	Camassia quamash	2.6	g	
SA03-SP05-P01b	SA03-SP05	4/27/2018 9:41	PlantTissue	Single	Camassia quamash	2.0	g	
SA03-SP05-S01	SA03-SP05	4/27/2018 9:49	Soil	Composite				
SA03-SP05-S01a	SA03-SP05	4/27/2018 9:49	Soil	Single				50
SA03-SP05-S01b	SA03-SP05	4/27/2018 9:49	Soil	Single				50
SA03-SP06-P01	SA03-SP06	4/27/2018 10:09	PlantTissue	Composite	Claytonia lanceolata	4.5	g	
SA03-SP06-P01a	SA03-SP06	4/27/2018 10:09	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA03-SP06-P01b	SA03-SP06	4/27/2018 10:09	PlantTissue	Single	Claytonia lanceolata	2.5	g	
SA03-SP06-P01c	SA03-SP06	4/27/2018 10:09	PlantTissue	Single	Claytonia lanceolata	1.4	g	
SA03-SP06-S01	SA03-SP06	4/27/2018 10:20	Soil	Composite				
SA03-SP06-S01a	SA03-SP06	4/27/2018 10:20	Soil	Single				10
SA03-SP06-S01b	SA03-SP06	4/27/2018 10:20	Soil	Single				60
SA03-SP06-S01c	SA03-SP06	4/27/2018 10:20	Soil	Single				30
SA03-SP07-P01	SA03-SP07	4/27/2018 10:35	PlantTissue	Composite	Claytonia lanceolata	1.8	g	
SA03-SP07-P01a	SA03-SP07	4/27/2018 10:35	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA03-SP07-P01b	SA03-SP07	4/27/2018 10:35	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA03-SP07-P01c	SA03-SP07	4/27/2018 10:35	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA03-SP07-P01d	SA03-SP07	4/27/2018 10:35	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA03-SP07-S01	SA03-SP07	4/27/2018 10:51	Soil	Composite				
SA03-SP07-S01a	SA03-SP07	4/27/2018 10:51	Soil	Single				25
SA03-SP07-S01b	SA03-SP07	4/27/2018 10:51	Soil	Single				25
SA03-SP07-S01c	SA03-SP07	4/27/2018 10:51	Soil	Single				25



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SA03-SP07-S01d	SA03-SP07	4/27/2018 10:51	Soil	Single				25
SA03-SP08-P01	SA03-SP08	4/27/2018 11:26	PlantTissue	Individual	Lomatium triternatum	6.8	g	
SA03-SP08-S01	SA03-SP08	4/27/2018 11:29	Soil	Individual				
SA03-SP09-P01	SA03-SP09	4/27/2018 13:04	PlantTissue	Composite	Lomatium triternatum	4.8	g	
SA03-SP09-P01a	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	1.0	g	
SA03-SP09-P01b	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	1.0	g	
SA03-SP09-P01c	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	0.8	g	
SA03-SP09-P01d	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	0.6	g	
SA03-SP09-P01e	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA03-SP09-P01f	SA03-SP09	4/27/2018 13:04	PlantTissue	Single	Lomatium triternatum	0.9	g	
SA03-SP09-S01	SA03-SP09	4/27/2018 13:20	Soil	Composite				
SA03-SP09-S01a	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP09-S01b	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP09-S01c	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP09-S01d	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP09-S01e	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP09-S01f	SA03-SP09	4/27/2018 13:20	Soil	Single				16.7
SA03-SP10-P01	SA03-SP10	4/27/2018 13:43	PlantTissue	Individual	Arctostaphylos uva-ursi	5.8	g	
SA03-SP10-S01	SA03-SP10	4/27/2018 13:46	Soil	Individual				
SA03-SP11-P01	SA03-SP11	4/27/2018 13:57	PlantTissue	Individual	Arctostaphylos uva-ursi	11.2	g	
SA03-SP11-S01	SA03-SP11	4/27/2018 14:09	Soil	Individual				
SA03-SP12-P01	SA03-SP12	4/27/2018 14:33	PlantTissue	Composite	Lomatium triternatum	6.9	g	
SA03-SP12-P01a	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA03-SP12-P01b	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.1	g	
SA03-SP12-P01c	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	1.0	g	
SA03-SP12-P01d	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.4	g	



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA03-SP12-P01e	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.4	g	
SA03-SP12-P01f	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA03-SP12-P01g	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	0.2	g	
SA03-SP12-P01h	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	2.2	g	
SA03-SP12-P01i	SA03-SP12	4/27/2018 14:33	PlantTissue	Single	Lomatium triternatum	1.6	g	
SA03-SP12-S01	SA03-SP12	4/27/2018 14:49	Soil	Composite				
SA03-SP12-S01a	SA03-SP12	4/27/2018 14:49	Soil	Single				7.5
SA03-SP12-S01b	SA03-SP12	4/27/2018 14:49	Soil	Single				0
SA03-SP12-S01c	SA03-SP12	4/27/2018 14:49	Soil	Single				12.5
SA03-SP12-S01d	SA03-SP12	4/27/2018 14:49	Soil	Single				7.5
SA03-SP12-S01e	SA03-SP12	4/27/2018 14:49	Soil	Single				7.5
SA03-SP12-S01f	SA03-SP12	4/27/2018 14:49	Soil	Single				7.5
SA03-SP12-S01g	SA03-SP12	4/27/2018 14:49	Soil	Single				7.5
SA03-SP12-S01h	SA03-SP12	4/27/2018 14:49	Soil	Single				25
SA03-SP12-S01i	SA03-SP12	4/27/2018 14:49	Soil	Single				25
SA04-SP01-P01	SA04-SP01	4/30/2018 15:27	PlantTissue	Individual	Arctostaphylos uva-ursi	5.8	g	
SA04-SP01-S01	SA04-SP01	4/30/2018 15:33	Soil	Individual				
SA04-SP02-P01	SA04-SP02	4/30/2018 15:30	PlantTissue	Individual	Arctostaphylos uva-ursi	6.1	g	
SA04-SP02-S01	SA04-SP02	4/30/2018 15:36	Soil	Individual				
SA04-SP03-P01	SA04-SP03	4/30/2018 16:02	PlantTissue	Individual	Arctostaphylos uva-ursi	11.5	g	
SA04-SP03-S01	SA04-SP03	4/30/2018 16:05	Soil	Individual				
SA04-SP04-P01	SA04-SP04	4/30/2018 16:19	PlantTissue	Individual	Arctostaphylos uva-ursi	6.4	g	
SA04-SP04-S01	SA04-SP04	4/30/2018 16:23	Soil	Individual				
SA04-SP05-P01	SA04-SP05	5/1/2018 14:36	PlantTissue	Individual	Arctostaphylos uva-ursi	6.0	g	
SA04-SP05-S01	SA04-SP05	5/1/2018 14:42	Soil	Individual				
SA04-SP06-P01	SA04-SP06	5/1/2018 14:54	PlantTissue	Individual	Arctostaphylos uva-ursi	6.0	g	



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA04-SP06-S01	SA04-SP06	5/1/2018 14:57	Soil	Individual				
SA04-SP07-P01	SA04-SP07	5/1/2018 15:25	PlantTissue	Composite	Claytonia lanceolata	3.3	g	
SA04-SP07-P01a	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA04-SP07-P01b	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA04-SP07-P01c	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA04-SP07-P01d	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA04-SP07-P01e	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA04-SP07-P01f	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA04-SP07-P01g	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA04-SP07-P01h	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA04-SP07-P01i	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA04-SP07-P01j	SA04-SP07	5/1/2018 15:25	PlantTissue	Single	Claytonia lanceolata	0.1	g	
SA04-SP07-S01	SA04-SP07	5/1/2018 15:53	Soil	Composite				
SA04-SP07-S01a	SA04-SP07	5/1/2018 15:53	Soil	Single				10
SA04-SP07-S01b	SA04-SP07	5/1/2018 15:53	Soil	Single				10
SA04-SP07-S01c	SA04-SP07	5/1/2018 15:53	Soil	Single				10
SA04-SP07-S01d	SA04-SP07	5/1/2018 15:53	Soil	Single				20
SA04-SP07-S01e	SA04-SP07	5/1/2018 15:53	Soil	Single				5
SA04-SP07-S01f	SA04-SP07	5/1/2018 15:53	Soil	Single				5
SA04-SP07-S01g	SA04-SP07	5/1/2018 15:53	Soil	Single				15
SA04-SP07-S01h	SA04-SP07	5/1/2018 15:53	Soil	Single				10
SA04-SP07-S01i	SA04-SP07	5/1/2018 15:53	Soil	Single				10
SA04-SP07-S01j	SA04-SP07	5/1/2018 15:53	Soil	Single				5
SA04-SP08-P01	SA04-SP08	5/1/2018 15:34	PlantTissue	Composite	Claytonia lanceolata	4.1	g	
SA04-SP08-P01a	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	0.7	g	
SA04-SP08-P01b	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	0.7	g	



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA04-SP08-P01c	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	0.8	g	
SA04-SP08-P01d	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA04-SP08-P01e	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	0.1	g	
SA04-SP08-P01f	SA04-SP08	5/1/2018 15:34	PlantTissue	Single	Claytonia lanceolata	1.5	g	
SA04-SP08-S01	SA04-SP08	5/1/2018 16:10	Soil	Composite				
SA04-SP08-S01a	SA04-SP08	5/1/2018 16:10	Soil	Single				15
SA04-SP08-S01b	SA04-SP08	5/1/2018 16:10	Soil	Single				15
SA04-SP08-S01c	SA04-SP08	5/1/2018 16:10	Soil	Single				20
SA04-SP08-S01d	SA04-SP08	5/1/2018 16:10	Soil	Single				5
SA04-SP08-S01e	SA04-SP08	5/1/2018 16:10	Soil	Single				5
SA04-SP08-S01f	SA04-SP08	5/1/2018 16:10	Soil	Single				40
SA05-SP01-P01	SA05-SP01	4/30/2018 9:06	PlantTissue	Composite	Lomatium triternatum	4.7	g	
SA05-SP01-P01a	SA05-SP01	4/30/2018 9:06	PlantTissue	Single	Lomatium triternatum	3.3	g	
SA05-SP01-P01b	SA05-SP01	4/30/2018 9:06	PlantTissue	Single	Lomatium triternatum	0.6	g	
SA05-SP01-P01c	SA05-SP01	4/30/2018 9:06	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA05-SP01-P01d	SA05-SP01	4/30/2018 9:06	PlantTissue	Single	Lomatium triternatum	0.3	g	
SA05-SP01-S01	SA05-SP01	4/30/2018 9:25	Soil	Composite				
SA05-SP01-S01a	SA05-SP01	4/30/2018 9:25	Soil	Single				75
SA05-SP01-S01b	SA05-SP01	4/30/2018 9:25	Soil	Single				25
SA05-SP01-S01c	SA05-SP01	4/30/2018 9:25	Soil	Single				25
SA05-SP01-S01d	SA05-SP01	4/30/2018 9:25	Soil	Single				25
SA05-SP02-P01	SA05-SP02	4/30/2018 9:06	PlantTissue	Individual	Lomatium triternatum	7.0	g	
SA05-SP02-S01	SA05-SP02	4/30/2018 9:23	Soil	Individual				
SA05-SP03-P01	SA05-SP03	4/30/2018 9:49	PlantTissue	Composite	Lomatium triternatum	7.0	g	
SA05-SP03-P01a	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.2	g	
SA05-SP03-P01b	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.5	g	



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SA05-SP03-P01c	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.4	g	
SA05-SP03-P01d	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.7	g	
SA05-SP03-P01e	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	1.0	g	
SA05-SP03-P01f	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA05-SP03-P01g	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	3.2	g	
SA05-SP03-P01h	SA05-SP03	4/30/2018 9:49	PlantTissue	Single	Lomatium triternatum	0.5	g	
SA05-SP03-S01	SA05-SP03	4/30/2018 10:15	Soil	Composite				
SA05-SP03-S01a	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP03-S01b	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP03-S01c	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP03-S01d	SA05-SP03	4/30/2018 10:15	Soil	Single				25
SA05-SP03-S01e	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP03-S01f	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP03-S01g	SA05-SP03	4/30/2018 10:15	Soil	Single				50
SA05-SP03-S01h	SA05-SP03	4/30/2018 10:15	Soil	Single				4
SA05-SP04-P01	SA05-SP04	4/30/2018 11:09	PlantTissue	Composite	Bryoria fremontii	5.1	g	
SA05-SP04-S01	SA05-SP04	4/30/2018 11:16	Soil	Composite				
SA05-SP05-P01	SA05-SP05	4/30/2018 11:30	PlantTissue	Composite	Claytonia lanceolata	4.9	g	
SA05-SP05-P01a	SA05-SP05	4/30/2018 11:30	PlantTissue	Single	Claytonia lanceolata	1.6	g	
SA05-SP05-P01b	SA05-SP05	4/30/2018 11:30	PlantTissue	Single	Claytonia lanceolata	1.7	g	
SA05-SP05-P01c	SA05-SP05	4/30/2018 11:30	PlantTissue	Single	Claytonia lanceolata	1.6	g	
SA05-SP05-S01	SA05-SP05	4/30/2018 11:32	Soil	Composite				
SA05-SP05-S01a	SA05-SP05	4/30/2018 11:32	Soil	Single				33.3
SA05-SP05-S01b	SA05-SP05	4/30/2018 11:32	Soil	Single				33.3
SA05-SP05-S01c	SA05-SP05	4/30/2018 11:32	Soil	Single				33.3
SA05-SP06-P01	SA05-SP06	4/30/2018 11:47	PlantTissue	Composite	Claytonia lanceolata	3.9	g	



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SA05-SP06-P01a	SA05-SP06	4/30/2018 11:47	PlantTissue	Single	Claytonia lanceolata	1.3	g	
SA05-SP06-P01b	SA05-SP06	4/30/2018 11:47	PlantTissue	Single	Claytonia lanceolata	2.6	g	
SA05-SP06-S01	SA05-SP06	4/30/2018 11:51	Soil	Composite				
SA05-SP06-S01a	SA05-SP06	4/30/2018 11:51	Soil	Single				33.3
SA05-SP06-S01b	SA05-SP06	4/30/2018 11:51	Soil	Single				66.7
SA05-SP07-P01	SA05-SP07	4/30/2018 12:48	PlantTissue	Composite	Camassia quamash	4.5	g	
SA05-SP07-P01a	SA05-SP07	4/30/2018 12:48	PlantTissue	Single	Camassia quamash	3.4	g	
SA05-SP07-P01b	SA05-SP07	4/30/2018 12:48	PlantTissue	Single	Camassia quamash	1.1	g	
SA05-SP07-S01	SA05-SP07	4/30/2018 12:50	Soil	Composite				
SA05-SP07-S01a	SA05-SP07	4/30/2018 12:50	Soil	Single				75
SA05-SP07-S01b	SA05-SP07	4/30/2018 12:50	Soil	Single				25
SA05-SP08-P01	SA05-SP08	4/30/2018 13:05	PlantTissue	Composite	Camassia quamash	4.8	g	
SA05-SP08-P01a	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	0.7	g	
SA05-SP08-P01b	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	0.6	g	
SA05-SP08-P01c	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	0.6	g	
SA05-SP08-P01d	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	1.5	g	
SA05-SP08-P01e	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	0.5	g	
SA05-SP08-P01f	SA05-SP08	4/30/2018 13:05	PlantTissue	Single	Camassia quamash	0.9	g	
SA05-SP08-S01	SA05-SP08	4/30/2018 13:17	Soil	Composite				
SA05-SP08-S01a	SA05-SP08	4/30/2018 13:17	Soil	Single				14
SA05-SP08-S01b	SA05-SP08	4/30/2018 13:17	Soil	Single				14
SA05-SP08-S01c	SA05-SP08	4/30/2018 13:17	Soil	Single				14
SA05-SP08-S01d	SA05-SP08	4/30/2018 13:17	Soil	Single				30
SA05-SP08-S01e	SA05-SP08	4/30/2018 13:17	Soil	Single				14
SA05-SP08-S01f	SA05-SP08	4/30/2018 13:17	Soil	Single				14
SA05-SP09-P01	SA05-SP09	4/30/2018 13:43	PlantTissue	Composite	Camassia quamash	5.5	g	



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SA05-SP09-P01a	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	0.4	g	
SA05-SP09-P01b	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	1.3	g	
SA05-SP09-P01c	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	1.4	g	
SA05-SP09-P01d	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	0.4	g	
SA05-SP09-P01e	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	0.8	g	
SA05-SP09-P01f	SA05-SP09	4/30/2018 13:43	PlantTissue	Single	Camassia quamash	1.2	g	
SA05-SP09-S01	SA05-SP09	4/30/2018 13:45	Soil	Composite				
SA05-SP09-S01a	SA05-SP09	4/30/2018 13:45	Soil	Single				5
SA05-SP09-S01b	SA05-SP09	4/30/2018 13:45	Soil	Single				25
SA05-SP09-S01c	SA05-SP09	4/30/2018 13:45	Soil	Single				25
SA05-SP09-S01d	SA05-SP09	4/30/2018 13:45	Soil	Single				15
SA05-SP09-S01e	SA05-SP09	4/30/2018 13:45	Soil	Single				5
SA05-SP09-S01f	SA05-SP09	4/30/2018 13:45	Soil	Single				25
SA05-SP10-P01	SA05-SP10	4/30/2018 14:15	PlantTissue	Composite	Bryoria fremontii	4.1	g	
SA05-SP10-S01	SA05-SP10	4/30/2018 14:17	Soil	Composite				
SA06-SP01-P01	SA06-SP01	5/1/2018 16:55	PlantTissue	Individual	Arctostaphylos uva-ursi	8.7	g	
SA06-SP01-S01	SA06-SP01	5/1/2018 17:00	Soil	Individual				
SA06-SP02-P01	SA06-SP02	5/1/2018 16:57	PlantTissue	Individual	Arctostaphylos uva-ursi	6.4	g	
SA06-SP02-S01	SA06-SP02	5/1/2018 17:03	Soil	Individual				
SA07-SP01-P01	SA07-SP01	5/2/2018 15:40	PlantTissue	Composite	Camassia quamash	4.5	g	
SA07-SP01-P01a	SA07-SP01	5/2/2018 15:40	PlantTissue	Single	Camassia quamash	0.8	g	
SA07-SP01-P01b	SA07-SP01	5/2/2018 15:40	PlantTissue	Single	Camassia quamash	0.9	g	
SA07-SP01-P01c	SA07-SP01	5/2/2018 15:40	PlantTissue	Single	Camassia quamash	1.3	g	
SA07-SP01-P01d	SA07-SP01	5/2/2018 15:40	PlantTissue	Single	Camassia quamash	0.9	g	
SA07-SP01-P01e	SA07-SP01	5/2/2018 15:40	PlantTissue	Single	Camassia quamash	0.6	g	
SA07-SP01-S01	SA07-SP01	5/2/2018 15:55	Soil	Composite				



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SA07-SP01-S01a	SA07-SP01	5/2/2018 15:55	Soil	Single				20
SA07-SP01-S01b	SA07-SP01	5/2/2018 15:55	Soil	Single				20
SA07-SP01-S01c	SA07-SP01	5/2/2018 15:55	Soil	Single				30
SA07-SP01-S01d	SA07-SP01	5/2/2018 15:55	Soil	Single				20
SA07-SP01-S01e	SA07-SP01	5/2/2018 15:55	Soil	Single				10
SA07-SP02-P01	SA07-SP02	5/2/2018 16:00	PlantTissue	Composite	Camassia quamash	4.6	g	
SA07-SP02-P01a	SA07-SP02	5/2/2018 16:00	PlantTissue	Single	Camassia quamash	1.5	g	
SA07-SP02-P01b	SA07-SP02	5/2/2018 16:00	PlantTissue	Single	Camassia quamash	0.5	g	
SA07-SP02-P01c	SA07-SP02	5/2/2018 16:00	PlantTissue	Single	Camassia quamash	1.3	g	
SA07-SP02-P01d	SA07-SP02	5/2/2018 16:00	PlantTissue	Single	Camassia quamash	1.3	g	
SA07-SP02-S01	SA07-SP02	5/2/2018 16:08	Soil	Composite				
SA07-SP02-S01a	SA07-SP02	5/2/2018 16:08	Soil	Single				30
SA07-SP02-S01b	SA07-SP02	5/2/2018 16:08	Soil	Single				10
SA07-SP02-S01c	SA07-SP02	5/2/2018 16:08	Soil	Single				30
SA07-SP02-S01d	SA07-SP02	5/2/2018 16:08	Soil	Single				30
SA07-SP03-P01	SA07-SP03	5/2/2018 16:18	PlantTissue	Composite	Camassia quamash	6.4	g	
SA07-SP03-P01a	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	0.7	g	
SA07-SP03-P01b	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	0.6	g	
SA07-SP03-P01c	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	0.7	g	
SA07-SP03-P01d	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	0.6	g	
SA07-SP03-P01e	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	1.8	g	
SA07-SP03-P01f	SA07-SP03	5/2/2018 16:18	PlantTissue	Single	Camassia quamash	2.0	g	
SA07-SP03-S01	SA07-SP03	5/2/2018 16:26	Soil	Composite				
SA07-SP03-S01a	SA07-SP03	5/2/2018 16:26	Soil	Single				10
SA07-SP03-S01b	SA07-SP03	5/2/2018 16:26	Soil	Single				10
SA07-SP03-S01c	SA07-SP03	5/2/2018 16:26	Soil	Single				10



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA07-SP03-S01d	SA07-SP03	5/2/2018 16:26	Soil	Single				10
SA07-SP03-S01e	SA07-SP03	5/2/2018 16:26	Soil	Single				30
SA07-SP03-S01f	SA07-SP03	5/2/2018 16:26	Soil	Single				30
SA08-SP01-P01	SA08-SP01	5/2/2018 9:37	PlantTissue	Composite	Lomatium triternatum	8.9	g	
SA08-SP01-P01a	SA08-SP01	5/2/2018 9:37	PlantTissue	Single	Lomatium triternatum	4.2	g	
SA08-SP01-P01b	SA08-SP01	5/2/2018 9:37	PlantTissue	Single	Lomatium triternatum	0.9	g	
SA08-SP01-P01c	SA08-SP01	5/2/2018 9:37	PlantTissue	Single	Lomatium triternatum	3.8	g	
SA08-SP01-S01	SA08-SP01	5/2/2018 9:45	Soil	Composite				
SA08-SP01-S01a	SA08-SP01	5/2/2018 9:45	Soil	Single				45
SA08-SP01-S01b	SA08-SP01	5/2/2018 9:45	Soil	Single				10
SA08-SP01-S01c	SA08-SP01	5/2/2018 9:45	Soil	Single				45
SA08-SP02-P01	SA08-SP02	5/2/2018 10:10	PlantTissue	Composite	Lomatium triternatum	8.3	g	
SA08-SP02-P01a	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	2.3	g	
SA08-SP02-P01b	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	1.7	g	
SA08-SP02-P01c	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	0.4	g	
SA08-SP02-P01d	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	1.7	g	
SA08-SP02-P01e	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	0.9	g	
SA08-SP02-P01f	SA08-SP02	5/2/2018 10:10	PlantTissue	Single	Lomatium triternatum	1.3	g	
SA08-SP02-S01	SA08-SP02	5/2/2018 10:18	Soil	Composite				
SA08-SP02-S01a	SA08-SP02	5/2/2018 10:18	Soil	Single				30
SA08-SP02-S01b	SA08-SP02	5/2/2018 10:18	Soil	Single				20
SA08-SP02-S01c	SA08-SP02	5/2/2018 10:18	Soil	Single				5
SA08-SP02-S01d	SA08-SP02	5/2/2018 10:18	Soil	Single				20
SA08-SP02-S01e	SA08-SP02	5/2/2018 10:18	Soil	Single				10
SA08-SP02-S01f	SA08-SP02	5/2/2018 10:18	Soil	Single				15
SA08-SP03-P01	SA08-SP03	5/2/2018 10:45	PlantTissue	Composite	Lomatium triternatum	9.8	g	



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA08-SP03-P01a	SA08-SP03	5/2/2018 10:45	PlantTissue	Single	Lomatium triternatum	1.2	g	
SA08-SP03-P01b	SA08-SP03	5/2/2018 10:45	PlantTissue	Single	Lomatium triternatum	5.7	g	
SA08-SP03-P01c	SA08-SP03	5/2/2018 10:45	PlantTissue	Single	Lomatium triternatum	0.8	g	
SA08-SP03-P01d	SA08-SP03	5/2/2018 10:45	PlantTissue	Single	Lomatium triternatum	2.1	g	
SA08-SP03-S01	SA08-SP03	5/2/2018 10:55	Soil	Composite				
SA08-SP03-S01a	SA08-SP03	5/2/2018 10:55	Soil	Single				10
SA08-SP03-S01b	SA08-SP03	5/2/2018 10:55	Soil	Single				60
SA08-SP03-S01c	SA08-SP03	5/2/2018 10:55	Soil	Single				10
SA08-SP03-S01d	SA08-SP03	5/2/2018 10:55	Soil	Single				20
SA08-SP04-P01	SA08-SP04	5/2/2018 11:07	PlantTissue	Composite	Bryoria fremontii	5.0	g	
SA08-SP04-S01	SA08-SP04	5/2/2018 11:13	Soil	Composite				
SA08-SP05-P01	SA08-SP05	5/2/2018 11:28	PlantTissue	Composite	Bryoria fremontii	4.1	g	
SA08-SP05-S01	SA08-SP05	5/2/2018 11:32	Soil	Composite				
SA08-SP06-P01	SA08-SP06	5/2/2018 11:41	PlantTissue	Composite	Bryoria fremontii	5.8	g	
SA08-SP06-S01	SA08-SP06	5/2/2018 11:45	Soil	Composite				
SA08-SP07-P01	SA08-SP07	5/2/2018 12:46	PlantTissue	Composite	Bryoria fremontii	3.8	g	
SA08-SP07-S01	SA08-SP07	5/2/2018 12:55	Soil	Composite				
SA08-SP08-P01	SA08-SP08	5/2/2018	PlantTissue					
SA08-SP09-P01	SA08-SP09	5/2/2018 13:37	PlantTissue	Composite	Claytonia lanceolata	4.1	g	
SA08-SP09-P01a	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA08-SP09-P01b	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA08-SP09-P01c	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.9	g	
SA08-SP09-P01d	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.5	g	
SA08-SP09-P01e	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA08-SP09-P01f	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA08-SP09-P01g	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.2	g	



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA08-SP09-P01h	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.4	g	
SA08-SP09-P01i	SA08-SP09	5/2/2018 13:37	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA08-SP09-S01	SA08-SP09	5/2/2018 13:51	Soil	Composite				
SA08-SP09-S01a	SA08-SP09	5/2/2018 13:51	Soil	Single				5
SA08-SP09-S01b	SA08-SP09	5/2/2018 13:51	Soil	Single				5
SA08-SP09-S01c	SA08-SP09	5/2/2018 13:51	Soil	Single				25
SA08-SP09-S01d	SA08-SP09	5/2/2018 13:51	Soil	Single				10
SA08-SP09-S01e	SA08-SP09	5/2/2018 13:51	Soil	Single				15
SA08-SP09-S01f	SA08-SP09	5/2/2018 13:51	Soil	Single				10
SA08-SP09-S01g	SA08-SP09	5/2/2018 13:51	Soil	Single				5
SA08-SP09-S01h	SA08-SP09	5/2/2018 13:51	Soil	Single				10
SA08-SP09-S01i	SA08-SP09	5/2/2018 13:51	Soil	Single				15
SA08-SP10-P01	SA08-SP10	5/2/2018 14:15	PlantTissue	Composite	Claytonia lanceolata	3.8	g	
SA08-SP10-P01a	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA08-SP10-P01b	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA08-SP10-P01c	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA08-SP10-P01d	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.3	g	
SA08-SP10-P01e	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	1.3	g	
SA08-SP10-P01f	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA08-SP10-P01g	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.2	g	
SA08-SP10-P01h	SA08-SP10	5/2/2018 14:15	PlantTissue	Single	Claytonia lanceolata	0.6	g	
SA08-SP10-S01	SA08-SP10	5/2/2018 14:25	Soil	Composite				
SA08-SP10-S01a	SA08-SP10	5/2/2018 14:25	Soil	Single				10
SA08-SP10-S01b	SA08-SP10	5/2/2018 14:25	Soil	Single				10
SA08-SP10-S01c	SA08-SP10	5/2/2018 14:25	Soil	Single				15
SA08-SP10-S01d	SA08-SP10	5/2/2018 14:25	Soil	Single				10



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SA08-SP10-S01e	SA08-SP10	5/2/2018 14:25	Soil	Single				30
SA08-SP10-S01f	SA08-SP10	5/2/2018 14:25	Soil	Single				5
SA08-SP10-S01g	SA08-SP10	5/2/2018 14:25	Soil	Single				5
SA08-SP10-S01h	SA08-SP10	5/2/2018 14:25	Soil	Single				15
SA16-SP01-P01	SA16-SP01	5/1/2018 9:27	PlantTissue	Individual	Salix exigua	190	cm	
SA16-SP01-S01	SA16-SP01	5/1/2018 9:51	Soil	Individual				
SA16-SP02-P01	SA16-SP02	5/1/2018 9:42	PlantTissue	Individual	Salix exigua	190	cm	
SA16-SP02-S01	SA16-SP02	5/1/2018 9:59	Soil	Individual				
SA16-SP03-P01	SA16-SP03	5/1/2018 10:12	PlantTissue	Individual	Salix exigua	405	cm	
SA16-SP03-S01	SA16-SP03	5/1/2018 10:20	Soil	Individual				
SA16-SP04-P01	SA16-SP04	5/1/2018 10:32	PlantTissue	Individual	Salix exigua	205	cm	
SA16-SP04-S01	SA16-SP04	5/1/2018 10:37	Soil	Individual				
SA16-SP05-P01	SA16-SP05	5/1/2018 10:54	PlantTissue	Individual	Salix exigua	215	cm	
SA16-SP05-S01	SA16-SP05	5/1/2018 10:57	Soil	Individual				
SA16-SP06-P01	SA16-SP06	5/1/2018 11:05	PlantTissue	Individual	Salix exigua	217	cm	
SA16-SP06-S01	SA16-SP06	5/1/2018 11:09	Soil	Individual				
SA16-SP07-P01	SA16-SP07	5/1/2018 11:18	PlantTissue	Individual	Salix exigua	203	cm	
SA16-SP07-S01	SA16-SP07	5/1/2018 11:22	Soil	Individual				
SA01-JU01-P01	SA01-JU01	6/19/2018 8:14	PlantTissue	Individual	Rosa sp.	275	cm	
SA01-JU01-S01	SA01-JU01	6/19/2018 8:19	Soil	Individual				
SA01-JU02-P01	SA01-JU02	6/19/2018 8:39	PlantTissue	Individual	Rosa sp.	98	cm	
SA01-JU02-S01	SA01-JU02	6/19/2018 8:52	Soil	Individual				
SA01-JU03-P01	SA01-JU03	6/19/2018 8:45	PlantTissue	Individual	Rosa sp.	77	cm	
SA01-JU03-S01	SA01-JU03	6/19/2018 8:58	Soil	Individual				
SA01-JU04-P01	SA01-JU04	6/19/2018 9:22	PlantTissue	Individual	Rosa sp.	100	cm	
SA01-JU04-S01	SA01-JU04	6/19/2018 9:26	Soil	Individual				



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SA03-JU01-P01	SA03-JU01	6/18/2018 14:18	PlantTissue	Individual	Rosa sp.	70	cm	
SA03-JU01-S01	SA03-JU01	6/18/2018 14:32	Soil	Individual				
SA03-JU02-P01	SA03-JU02	6/18/2018 14:49	PlantTissue	Individual	Rosa sp.	81	cm	
SA03-JU02-S01	SA03-JU02	6/18/2018 14:54	Soil	Individual				
SA03-JU03-P01	SA03-JU03	6/18/2018 15:07	PlantTissue	Individual	Rosa sp.	57	cm	
SA03-JU03-S01	SA03-JU03	6/18/2018 15:13	Soil	Individual				
SA03-JU04-P01	SA03-JU04	6/18/2018 15:51	PlantTissue	Composite	Lomatium triternatum	8.6	g	
SA03-JU04-P01a	SA03-JU04	6/18/2018 15:51	PlantTissue	Single	Lomatium triternatum	4.5	g	52
SA03-JU04-P01b	SA03-JU04	6/18/2018 15:51	PlantTissue	Single	Lomatium triternatum	1.5	g	17
SA03-JU04-P01c	SA03-JU04	6/18/2018 15:51	PlantTissue	Single	Lomatium triternatum	1.5	g	17
SA03-JU04-P01d	SA03-JU04	6/18/2018 15:51	PlantTissue	Single	Lomatium triternatum	1.1	g	8.6
SA03-JU04-S01	SA03-JU04	6/18/2018 16:04	Soil	Composite				
SA03-JU04-S01a	SA03-JU04	6/18/2018 16:04	Soil	Single				50
SA03-JU04-S01b	SA03-JU04	6/18/2018 16:04	Soil	Single				16.5
SA03-JU04-S01c	SA03-JU04	6/18/2018 16:04	Soil	Single				16.5
SA03-JU04-S01d	SA03-JU04	6/18/2018 16:04	Soil	Single				16.5
SA03-JU05-P01	SA03-JU05	6/18/2018 16:28	PlantTissue	Composite	Lomatium triternatum	7.8	g	
SA03-JU05-P01a	SA03-JU05	6/18/2018 16:28	PlantTissue	Single	Lomatium triternatum	2.9	g	37
SA03-JU05-P01b	SA03-JU05	6/18/2018 16:28	PlantTissue	Single	Lomatium triternatum	0.9	g	12
SA03-JU05-P01c	SA03-JU05	6/18/2018 16:28	PlantTissue	Single	Lomatium triternatum	1.0	g	13
SA03-JU05-P01d	SA03-JU05	6/18/2018 16:28	PlantTissue	Single	Lomatium triternatum	3.0	g	38
SA03-JU05-S01	SA03-JU05	6/18/2018 16:41	Soil	Composite				
SA03-JU05-S01a	SA03-JU05	6/18/2018 16:41	Soil	Single				40
SA03-JU05-S01b	SA03-JU05	6/18/2018 16:41	Soil	Single				10
SA03-JU05-S01c	SA03-JU05	6/18/2018 16:41	Soil	Single				10
SA03-JU05-S01d	SA03-JU05	6/18/2018 16:41	Soil	Single				40



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA04-JU01-P01	SA04-JU01	6/19/2018 12:37	PlantTissue	Individual	Rosa sp.	150	cm	
SA04-JU01-S01	SA04-JU01	6/19/2018 12:43	Soil	Individual				
SA04-JU02-P01	SA04-JU02	6/19/2018 13:02	PlantTissue	Individual	Rosa sp.	70	cm	
SA04-JU02-S01	SA04-JU02	6/19/2018 13:08	Soil	Individual				
SA04-JU03-P01	SA04-JU03	6/19/2018 13:04	PlantTissue	Individual	Rosa sp.	82	cm	
SA04-JU03-S01	SA04-JU03	6/19/2018 13:14	Soil	Individual				
SA04-JU04-P01	SA04-JU04	6/19/2018 13:29	PlantTissue	Individual	Rosa sp.	91	cm	
SA04-JU04-S01	SA04-JU04	6/19/2018 13:35	Soil	Individual				
SA04-JU05-P01	SA04-JU05	6/19/2018 14:06	PlantTissue	Individual	Vaccinium cespitosum	17	g	
SA04-JU05-S01	SA04-JU05	6/19/2018 14:11	Soil	Individual				
SA04-JU06-P01	SA04-JU06	6/19/2018 14:31	PlantTissue	Individual	Vaccinium cespitosum	18	g	
SA04-JU06-S01	SA04-JU06	6/19/2018 14:38	Soil	Individual				
SA04-JU07-P01	SA04-JU07	6/19/2018 14:56	PlantTissue	Individual	Vaccinium cespitosum	18	g	
SA04-JU07-S01	SA04-JU07	6/19/2018 15:01	Soil	Individual				
SA04-JU08-P01	SA04-JU08	6/20/2018 8:25	PlantTissue	Individual	Vaccinium cespitosum	16	g	
SA04-JU08-S01	SA04-JU08	6/20/2018 8:32	Soil	Individual				
SA04-JU09-P01	SA04-JU09	6/20/2018 8:42	PlantTissue	Individual	Vaccinium cespitosum	18	g	
SA04-JU09-S01	SA04-JU09	6/20/2018 8:58	Soil	Individual				
SA04-JU10-P01	SA04-JU10	6/20/2018 9:12	PlantTissue	Individual	Vaccinium cespitosum	19	g	
SA04-JU10-S01	SA04-JU10	6/20/2018 9:24	Soil	Individual				
SA06-JU01-P01	SA06-JU01	6/20/2018 10:22	PlantTissue	Individual	Rosa sp.	218	cm	
SA06-JU01-S01	SA06-JU01	6/20/2018 10:31	Soil	Individual				
SA06-JU02-P01	SA06-JU02	6/20/2018 10:46	PlantTissue	Individual	Rosa sp.	115	cm	
SA06-JU02-S01	SA06-JU02	6/20/2018 10:51	Soil	Individual				
SA06-JU03-P01	SA06-JU03	6/20/2018 10:47	PlantTissue	Individual	Rosa sp.	149	cm	
SA06-JU03-S01	SA06-JU03	6/20/2018 10:54	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA06-JU04-P01	SA06-JU04	6/20/2018 11:16	PlantTissue	Individual	Rosa sp.	116	cm	
SA06-JU04-S01	SA06-JU04	6/20/2018 11:18	Soil	Individual				
SA01-AU01-P01	SA01-AU01	8/22/2018 8:18	PlantTissue	Individual	Prunus virginiana	76.5	g	
SA01-AU01-S01	SA01-AU01	8/22/2018 8:22	Soil	Individual				
SA01-AU02-P01	SA01-AU02	8/22/2018 8:51	PlantTissue	Individual	Prunus virginiana	82	g	
SA01-AU02-S01	SA01-AU02	8/22/2018 9:03	Soil	Individual				
SA01-AU03-P01	SA01-AU03	8/22/2018 8:58	PlantTissue	Individual	Prunus virginiana	112	g	
SA01-AU03-S01	SA01-AU03	8/22/2018 9:07	Soil	Individual				
SA01-AU04-P01	SA01-AU04	8/22/2018 9:23	PlantTissue	Individual	Prunus virginiana	79	g	
SA01-AU04-S01	SA01-AU04	8/22/2018 9:27	Soil	Individual				
SA01-AU05-P01	SA01-AU05	8/22/2018 9:41	PlantTissue	Individual	Amelanchier alnifolia	8.9	g	
SA01-AU05-S01	SA01-AU05	8/22/2018 9:50	Soil	Individual				
SA01-AU06-P01	SA01-AU06	8/22/2018 10:06	PlantTissue	Individual	Amelanchier alnifolia	10	g	
SA01-AU06-S01	SA01-AU06	8/22/2018 10:15	Soil	Individual				
SA01-AU07-P01	SA01-AU07	8/22/2018 10:30	PlantTissue	Individual	Amelanchier alnifolia	6.2	g	
SA01-AU07-S01	SA01-AU07	8/22/2018 10:38	Soil	Individual				
SA01-AU08-P01	SA01-AU08	8/22/2018 10:53	PlantTissue	Individual	Amelanchier alnifolia	7.5	g	
SA01-AU08-S01	SA01-AU08	8/22/2018 10:59	Soil	Individual				
SA01-AU09-P01	SA01-AU09	8/22/2018 11:13	PlantTissue	Individual	Amelanchier alnifolia	6	g	
SA01-AU09-S01	SA01-AU09	8/22/2018 11:23	Soil	Individual				
SA01-AU10-P01	SA01-AU10	8/22/2018 12:30	PlantTissue	Individual	Pinus ponderosa	12	cones	
SA01-AU10-S01	SA01-AU10	8/22/2018 12:40	Soil	Individual				
SA01-AU11-P01	SA01-AU11	8/22/2018 13:18	PlantTissue	Individual	Pinus ponderosa	11	cones	
SA01-AU11-S01	SA01-AU11	8/22/2018 13:25	Soil	Individual				
SA01-AU12-P01	SA01-AU12	8/22/2018 13:45	PlantTissue	Individual	Pinus ponderosa	10	cones	
SA01-AU12-S01	SA01-AU12	8/22/2018 13:55	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA02-AU01-P01	SA02-AU01	8/21/2018 14:07	PlantTissue	Individual	Corylus cornuta	21	nuts	
SA02-AU01-S01	SA02-AU01	8/21/2018 14:10	Soil	Individual				
SA02-AU02-P01	SA02-AU02	8/21/2018 14:20	PlantTissue	Individual	Corylus cornuta	31	nuts	
SA02-AU02-S01	SA02-AU02	8/21/2018 14:23	Soil	Individual				
SA02-AU03-P01	SA02-AU03	8/21/2018 14:36	PlantTissue	Individual	Corylus cornuta	21	nuts	
SA02-AU03-S01	SA02-AU03	8/21/2018 14:40	Soil	Individual				
SA02-AU04-P01	SA02-AU04	8/21/2018 15:00	PlantTissue	Individual	Pinus ponderosa	15	cones	
SA02-AU04-S01	SA02-AU04	8/21/2018 15:08	Soil	Individual				
SA02-AU05-P01	SA02-AU05	8/21/2018 15:10	PlantTissue	Individual	Pinus ponderosa	11	cones	
SA02-AU05-S01	SA02-AU05	8/21/2018 15:09	Soil	Individual				
SA02-AU06-P01	SA02-AU06	8/21/2018 15:34	PlantTissue	Individual	Pinus ponderosa	10	cones	
SA02-AU06-S01	SA02-AU06	8/21/2018 15:36	Soil	Individual				
SA03-AU01-P01	SA03-AU01	8/21/2018 8:47	PlantTissue	Individual	Corylus cornuta	20	nuts	
SA03-AU01-S01	SA03-AU01	8/21/2018 8:50	Soil	Individual				
SA03-AU02-P01	SA03-AU02	8/21/2018 9:18	PlantTissue	Individual	Corylus cornuta	12	nuts	
SA03-AU02-S01	SA03-AU02	8/21/2018 9:29	Soil	Individual				
SA03-AU03-P01	SA03-AU03	8/21/2018 9:27	PlantTissue	Individual	Corylus cornuta	20	nuts	
SA03-AU03-S01	SA03-AU03	8/21/2018 9:32	Soil	Individual				
SA03-AU04-P01	SA03-AU04	8/21/2018 9:59	PlantTissue	Individual	Corylus cornuta	57	nuts	
SA03-AU04-S01	SA03-AU04	8/21/2018 10:01	Soil	Individual				
SA03-AU05-P01	SA03-AU05	8/21/2018 10:32	PlantTissue	Individual	Prunus virginiana	177	g	
SA03-AU05-S01	SA03-AU05	8/21/2018 10:38	Soil	Individual				
SA03-AU06-P01	SA03-AU06	8/21/2018 10:55	PlantTissue	Individual	Prunus virginiana	188	g	
SA03-AU06-S01	SA03-AU06	8/21/2018 11:00	Soil	Individual				
SA03-AU07-P01	SA03-AU07	8/21/2018 12:12	PlantTissue	Individual	Prunus virginiana	86	g	
SA03-AU07-S01	SA03-AU07	8/21/2018 12:15	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA03-AU08-P01	SA03-AU08	8/21/2018 12:33	PlantTissue	Individual	Amelanchier alnifolia	17	g	
SA03-AU08-S01	SA03-AU08	8/21/2018 12:38	Soil	Individual				
SA03-AU09-P01	SA03-AU09	8/21/2018 12:59	PlantTissue	Individual	Pinus ponderosa	11	cones	
SA03-AU09-S01	SA03-AU09	8/21/2018 13:02	Soil	Individual				
SA04-AU01-P01	SA04-AU01	8/23/2018 8:35	PlantTissue	Individual	Corylus cornuta	22	nuts	
SA04-AU01-S01	SA04-AU01	8/23/2018 8:45	Soil	Individual				
SA04-AU02-P01	SA04-AU02	8/23/2018 8:39	PlantTissue	Individual	Corylus cornuta	22	nuts	
SA04-AU02-S01	SA04-AU02	8/23/2018 8:46	Soil	Individual				
SA04-AU03-P01	SA04-AU03	8/23/2018 8:56	PlantTissue	Individual	Corylus cornuta	24	nuts	
SA04-AU03-S01	SA04-AU03	8/23/2018 9:01	Soil	Individual				
SA04-AU04-P01	SA04-AU04	8/23/2018 9:13	PlantTissue	Individual	Pinus ponderosa	17	cones	
SA04-AU04-S01	SA04-AU04	8/23/2018 9:14	Soil	Individual				
SA04-AU05-P01	SA04-AU05	8/23/2018 9:30	PlantTissue	Individual	Pinus ponderosa	26	cones	
SA04-AU05-S01	SA04-AU05	8/23/2018 9:41	Soil	Individual				
SA04-AU06-P01	SA04-AU06	8/23/2018 9:59	PlantTissue	Individual	Pinus ponderosa	16	cones	
SA04-AU06-S01	SA04-AU06	8/23/2018 10:05	Soil	Individual				
SA06-AU01-P01	SA06-AU01	8/23/2018 10:43	PlantTissue	Individual	Corylus cornuta	62	nuts	
SA06-AU01-S01	SA06-AU01	8/23/2018 10:50	Soil	Individual				
SA06-AU02-P01	SA06-AU02	8/23/2018 11:05	PlantTissue	Individual	Corylus cornuta	27	nuts	
SA06-AU02-S01	SA06-AU02	8/23/2018 11:10	Soil	Individual				
SA06-AU03-P01	SA06-AU03	8/23/2018 11:53	PlantTissue	Individual	Corylus cornuta	20	nuts	
SA06-AU03-S01	SA06-AU03	8/23/2018 12:00	Soil	Individual				
SA06-AU04-P01	SA06-AU04	8/23/2018 12:10	PlantTissue	Composite	Rosa sp.	5.4	g	
SA06-AU04-P01a	SA06-AU04	8/23/2018 12:10	PlantTissue	Single	Rosa sp.	3.3	g	61
SA06-AU04-P01b	SA06-AU04	8/23/2018 12:10	PlantTissue	Single	Rosa sp.	2.1	g	39
SA06-AU04-S01	SA06-AU04	8/23/2018 12:15	Soil	Composite				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA06-AU04-S01a	SA06-AU04	8/23/2018 12:15	Soil	Single				60
SA06-AU04-S01b	SA06-AU04	8/23/2018 12:15	Soil	Single				40
SA06-AU05-P01	SA06-AU05	8/23/2018 12:25	PlantTissue	Individual	Rosa sp.	7.0	g	
SA06-AU05-S01	SA06-AU05	8/23/2018 12:34	Soil	Individual				
SA06-AU06-P01	SA06-AU06	8/23/2018 12:46	PlantTissue	Individual	Rosa sp.	15	g	
SA06-AU06-S01	SA06-AU06	8/23/2018 12:53	Soil	Individual				
SA06-AU07-P01	SA06-AU07	8/23/2018 13:00	PlantTissue	Individual	Rosa sp.	9.5	g	
SA06-AU07-S01	SA06-AU07	8/23/2018 13:11	Soil	Individual				
SA07-AU01-P01	SA07-AU01	8/24/2018 9:22	PlantTissue	Individual	Prunus virginiana	105	g	
SA07-AU01-S01	SA07-AU01	8/24/2018 9:35	Soil	Individual				
SA07-AU02-P01	SA07-AU02	8/24/2018 9:32	PlantTissue	Individual	Prunus virginiana	105	g	
SA07-AU02-S01	SA07-AU02	8/24/2018 9:36	Soil	Individual				
SA07-AU03-P01	SA07-AU03	8/24/2018 9:46	PlantTissue	Individual	Prunus virginiana	98	g	
SA07-AU03-S01	SA07-AU03	8/24/2018 9:52	Soil	Individual				
SA07-AU04-P01	SA07-AU04	8/24/2018 10:04	PlantTissue	Individual	Amelanchier alnifolia	21.5	g	
SA07-AU04-S01	SA07-AU04	8/24/2018 10:12	Soil	Individual				
SA07-AU05-P01	SA07-AU05	8/24/2018 10:20	PlantTissue	Individual	Amelanchier alnifolia	22	g	
SA07-AU05-S01	SA07-AU05	8/24/2018 10:32	Soil	Individual				
SA07-AU06-P01	SA07-AU06	8/24/2018 10:40	PlantTissue	Individual	Amelanchier alnifolia	17	g	
SA07-AU06-S01	SA07-AU06	8/24/2018 11:00	Soil	Individual				
SA07-AU07-P01	SA07-AU07	8/24/2018 10:50	PlantTissue	Individual	Amelanchier alnifolia	17	g	
SA07-AU07-S01	SA07-AU07	8/24/2018 11:04	Soil	Individual				
SA07-AU08-P01	SA07-AU08	8/24/2018 11:10	PlantTissue	Individual	Prunus virginiana	85	g	
SA07-AU08-S01	SA07-AU08	8/24/2018 11:15	Soil	Individual				
SA07-AU09-P01	SA07-AU09	8/24/2018 12:31	PlantTissue	Individual	Pinus ponderosa	13	cones	
SA07-AU09-S01	SA07-AU09	8/24/2018 12:37	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA07-AU10-P01	SA07-AU10	8/24/2018 12:49	PlantTissue	Individual	Prunus virginiana	100	g	
SA07-AU10-S01	SA07-AU10	8/24/2018 12:57	Soil	Individual				
SA07-AU11-P01	SA07-AU11	8/24/2018 13:06	PlantTissue	Individual	Prunus virginiana	212	g	
SA07-AU11-S01	SA07-AU11	8/24/2018 13:15	Soil	Individual				
SA07-AU12-P01	SA07-AU12	8/24/2018 13:24	PlantTissue	Individual	Pinus ponderosa	14	cones	
SA07-AU12-S01	SA07-AU12	8/24/2018 13:35	Soil	Individual				
SA07-AU13-P01	SA07-AU13	8/24/2018 13:42	PlantTissue	Individual	Pinus ponderosa	12	cones	
SA07-AU13-S01	SA07-AU13	8/24/2018 13:45	Soil	Individual				
SA08-AU01-P01	SA08-AU01	8/27/2018 13:55	PlantTissue	Individual	Amelanchier alnifolia	25	g	
SA08-AU01-S01	SA08-AU01	8/27/2018 13:58	Soil	Individual				
SA08-AU02-P01	SA08-AU02	8/27/2018 14:10	PlantTissue	Individual	Amelanchier alnifolia	13	g	
SA08-AU02-S01	SA08-AU02	8/27/2018 14:19	Soil	Individual				
SA09-AU01-P01	SA09-AU01	8/25/2018 8:59	PlantTissue	Individual	Corylus cornuta	28	nuts	
SA09-AU01-S01	SA09-AU01	8/25/2018 9:05	Soil	Individual				
SA09-AU02-P01	SA09-AU02	8/25/2018 9:10	PlantTissue	Individual	Rosa sp.	17	g	
SA09-AU02-S01	SA09-AU02	8/25/2018 9:21	Soil	Individual				
SA09-AU03-P01	SA09-AU03	8/25/2018 9:16	PlantTissue	Individual	Rosa sp.	16	g	
SA09-AU03-S01	SA09-AU03	8/25/2018 9:22	Soil	Individual				
SA09-AU04-P01	SA09-AU04	8/25/2018 9:32	PlantTissue	Individual	Prunus virginiana	89	g	
SA09-AU04-S01	SA09-AU04	8/25/2018 9:37	Soil	Individual				
SA14-AU01-P01	SA14-AU01	8/27/2018 9:03	PlantTissue	Individual	Mentha arvensis	11	g	
SA14-AU01-S01	SA14-AU01	8/27/2018 9:09	Soil	Individual				
SA14-AU02-P01	SA14-AU02	8/27/2018 9:15	PlantTissue	Individual	Mentha arvensis	10.5	g	
SA14-AU02-S01	SA14-AU02	8/27/2018 9:23	Soil	Individual				
SA14-AU03-P01	SA14-AU03	8/27/2018 9:32	PlantTissue	Individual	Mentha arvensis	22	g	
SA14-AU03-S01	SA14-AU03	8/27/2018 9:40	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA14-AU04-P01	SA14-AU04	8/27/2018 9:47	PlantTissue	Individual	Mentha arvensis	12	g	
SA14-AU04-S01	SA14-AU04	8/27/2018 9:53	Soil	Individual				
SA14-AU05-P01	SA14-AU05	8/27/2018 10:08	PlantTissue	Individual	Mentha arvensis	11	g	
SA14-AU05-S01	SA14-AU05	8/27/2018 10:20	Soil	Individual				
SA14-AU06-P01	SA14-AU06	8/27/2018 10:10	PlantTissue	Individual	Mentha arvensis	11	g	
SA14-AU06-S01	SA14-AU06	8/27/2018 10:22	Soil	Individual				
SA14-AU07-P01	SA14-AU07	8/27/2018 10:27	PlantTissue	Individual	Mentha arvensis	12	g	
SA14-AU07-S01	SA14-AU07	8/27/2018 10:35	Soil	Individual				
SA14-AU08-P01	SA14-AU08	8/27/2018 10:50	PlantTissue	Individual	Schoenoplectus acutus	269	cm	
SA14-AU08-S01	SA14-AU08	8/27/2018 10:55	Soil	Individual				
SA14-AU09-P01	SA14-AU09	8/27/2018 11:00	PlantTissue	Individual	Schoenoplectus acutus	290	cm	
SA14-AU09-S01	SA14-AU09	8/27/2018 11:10	Soil	Individual				
SA14-AU10-P01	SA14-AU10	8/27/2018 11:05	PlantTissue	Individual	Schoenoplectus acutus	260	cm	
SA14-AU10-S01	SA14-AU10	8/27/2018 11:15	Soil	Individual				
SA14-AU11-P01	SA14-AU11	8/27/2018 11:18	PlantTissue	Individual	Schoenoplectus acutus	233	cm	
SA14-AU11-S01	SA14-AU11	8/27/2018 11:20	Soil	Individual				
SA14-AU12-P01	SA14-AU12	8/27/2018 12:00	PlantTissue	Individual	Schoenoplectus acutus	412	cm	
SA14-AU12-S01	SA14-AU12	8/27/2018 12:05	Soil	Individual				
SA14-AU13-P01	SA14-AU13	8/27/2018 12:15	PlantTissue	Individual	Schoenoplectus acutus	272	cm	
SA14-AU13-S01	SA14-AU13	8/27/2018 12:18	Soil	Individual				
SA14-AU14-P01	SA14-AU14	8/27/2018 12:23	PlantTissue	Individual	Schoenoplectus acutus	277	cm	
SA14-AU14-S01	SA14-AU14	8/27/2018 12:27	Soil	Individual				
SA14-AU15-P01	SA14-AU15	8/27/2018 12:37	PlantTissue	Individual	Rosa sp.	7.2	g	
SA14-AU15-S01	SA14-AU15	8/27/2018 12:40	Soil	Individual				
SA14-AU16-P01	SA14-AU16	8/27/2018 12:50	PlantTissue	Individual	Amelanchier alnifolia	8.15	g	
SA14-AU16-S01	SA14-AU16	8/27/2018 12:55	Soil	Individual				



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Sample Collection ID	Location ID	Sample Date/Time	Sample Material	Sample Type	Taxonomy	Sample Amount	Sample Amount Units	Composite Sample Percentage
SA15-AU01-P01	SA15-AU01	8/28/2018 9:45	PlantTissue	Individual	Salix exigua	411	cm	
SA15-AU01-S01	SA15-AU01	8/28/2018 9:50	Soil	Individual				
SA15-AU02-P01	SA15-AU02	8/28/2018 9:55	PlantTissue	Individual	Salix exigua	190	cm	
SA15-AU02-S01	SA15-AU02	8/28/2018 9:57	Soil	Individual				
SA15-AU03-P01	SA15-AU03	8/28/2018 10:13	PlantTissue	Individual	Salix exigua	202	cm	
SA15-AU03-S01	SA15-AU03	8/28/2018 10:22	Soil	Individual				
SA15-AU04-P01	SA15-AU04	8/28/2018 10:20	PlantTissue	Individual	Salix exigua	233	cm	
SA15-AU04-S01	SA15-AU04	8/28/2018 10:23	Soil	Individual				
SA15-AU05-P01	SA15-AU05	8/28/2018 10:36	PlantTissue	Individual	Salix exigua	218	cm	
SA15-AU05-S01	SA15-AU05	8/28/2018 10:41	Soil	Individual				
SA15-AU06-P01	SA15-AU06	8/28/2018 10:55	PlantTissue	Individual	Salix exigua	203	cm	
SA15-AU06-S01	SA15-AU06	8/28/2018 10:59	Soil	Individual				
SA15-AU07-P01	SA15-AU07	8/28/2018 11:05	PlantTissue	Individual	Salix exigua	208	cm	
SA15-AU07-S01	SA15-AU07	8/28/2018 11:08	Soil	Individual				



## **APPENDIX B**

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CALCULATION OF CENTROID COORDINATES FOR  
COMPOSITE SAMPLES SA02-SP06-01 AND  
SA05-SP03-P01



## B-1 INTRODUCTION

This appendix describes the methods used to calculate centroid coordinates for the two composite samples that had portions of the samples collected more than 3 m apart. During the field sampling events for the Upper Columbia River plant tissue study, every effort was made to collect composite samples from within a 3-m-diameter area and to represent the sample with one centrally located GPS coordinate collected in the field; however, this was not always possible. Two samples of lomatium (*Lomatium triternatum*) collected from Sampling Areas (SAs) SA02 (SA02-SP06-01) and SA05 (SA05-SP03-P01) had components of the composite sample collected from a farther distance, thus the centroids of the latitude and longitude coordinates were calculated as described below.

## B-2 CALCULATION OF COMPOSITE AVERAGE COORDINATES

For the two lomatium samples that had components collected more than 3 m apart, the centroid coordinates represent the weighted average of the locations from which composite lomatium samples were collected (Table 1). The methods used to generate these average coordinates are described in detail below. Names of the specific tools that were used from the ESRI ArcMap 10.5 toolbox are indicated.

1. Coordinates were plotted using GCS\_North\_American\_1983 and the points were exported as a layer using the same coordinate system.
2. The Project tool was used to project the coordinates into NAD\_1983\_UTM\_Zone\_11N using the default datum conversion. This was necessary for accurate distance measurements in the analysis.
3. The Data Management tool "Points to Line" under the "Features" category was used to draw a line between all the points in the layer.
4. Under Editor view, the Split Tool was used to split the single line connecting all the points into separate lines.
5. The lines that connected separate sampling areas were deleted so that the "Points to Line" layer only consisted of lines that connect coordinate pairs whose averages were being calculated.
6. The lines were measured using the Measure tool. The distance between the two composite plant/soil sample locations for SA02 was measured to be 22.36 ft, and 297.18 ft for SA05.



7. Using the Construct Points tool under Editor mode, 0.55 x the line length was entered in the Distance field to plot a point on the line between the two sampling locations in SA02, with the point being closer to the more heavily weighted composite sample location. For the line between the two sampling locations in SA05, 0.585 x the line length was entered in the Distance field to plot an average point that was closer to the more heavily weighted sampling location.
8. The attribute table for the layer that contained the coordinates was opened. New "X" and "Y" fields were added to the attribute table using the Add Field tool.
9. The Calculate Geometry tool was used to calculate the X, Y coordinates of all the coordinates on the map, including the manually plotted weighted average sample coordinates.
10. The updated attribute table was exported into Excel.

**Table 1. Lomatium Composite Centroid Coordinates and Associated Samples**

Location ID	X	Y	Description	Assigned Weight (%)
SA02-SP06	450655.4	5424473.7	Components a-b.	55
SA02-SP06	450652.8	5424480	Component c.	45
SA02-SP06	450654.2	5424476.5	Weighted average.	NA
SA05-SP03	447101.9	5422300.3	Components a-e.	41.5
SA05-SP03	447211.6	5422249.1	Components f-h.	58.5
SA05-SP03	447166.1	5422270.3	Weighted average.	NA

**Notes:**

NA – not applicable