Date (day, month, year): 8/31/09 Personnel (initials): ZW, AO, NA, AM

STABLE ISOTOPE CORES DATASHEET

Tree ID: K.J Andrew - Live - # 8
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: RJ 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☐ Tree is near the plot. ***Describe location*** RJ 1506 just before Quincy turn out, east of S-4

NAD83 UTM: 4898161 N 10T 0564779 E

Tree height (nearest m): 42 DBH (mid-slope, cm): 154.1

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
Some stumps below tree- appear to be roadside hazard removal, not logging

==========

Tree diameter at *CORE* height (cm): 154.1

Cm from d-tape to wood: North 9.3 South 14.1 East 7.0 West 17.8

South core sapwood thickness (cm): ~9.5
Comments on core: difficult to determine

West core sapwood thickness (cm): 4.4
Comments on core:

Date (day, month, year): 08/31/09 Personnel (initials): AM, NA, AD, BW

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJA-PSME-Dead-#8

(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: FS road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** RS 1506, just before Pl. way turn ext, east of S-4

NAD83 UTM: 489831 N 0564814 E

Tree height (nearest m): 45 DBH (mid-slope, cm): 133.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
Charcoal on trunk - appears to be old fire - however other trees show no sign of it. Trees around it are smaller - this tree may be remnant from an old burn.

==========

Tree diameter at *CORE* height (cm): 132.9

Cm from d-tape to wood: North 11.4 South 8.6 East 7.5 West 12.6

South core sapwood thickness (cm): 3.5 uncertain
Comments on core: offset slightly southeast to avoid fungus

West core sapwood thickness (cm): uncertain
Comments on core: offset slightly to southwest

Date (day, month, year): 8/31/01 Personnel (initials): BW, AM, NA, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrew - PSME - Dead - # 7

(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: 1506 West side of Road

☐ Tree is inside the plot. ***Tree tag number*** _____

☐ Tree is near the plot. ***Describe location*** West side of road just past plot 1103

NAD83 UTM: 4897403 N 10T 0562032 E

Tree height (nearest m): 65 DBH (mid-slope, cm): 135.6

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 135.6

Cm from d-tape to wood: North 9.0 South 13.4 East 11.7 West 8.1

South core sapwood thickness (cm): 4.0

Comments on core:

West core sapwood thickness (cm): 3.5

Comments on core:

Date (day, month, year): 8/31/09 Personnel (initials): BAW, NA, AM, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME - Live # 7
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☐ Tree is near the plot. ***Describe location*** west of road right post L103

NAD83 UTM: 4897403 N 10T0562032 E

Tree height (nearest m): 66 DBH (mid-slope, cm): 162.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
used some trees of live + dead #7 due to extremely close proximity

==========

Tree diameter at *CORE* height (cm): 162.4

Cm from d-tape to wood: North 16.0 South 10.4 East 6.2 West 8.8

South core sapwood thickness (cm): 2.6
Comments on core:

West core sapwood thickness (cm): difficult to determine ~ 3.7
Comments on core:

Date (day, month, year): 8/31/01 Personnel (initials): BM, AO, NA, AM

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME - 2 live - #6
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** 1506 across road from L101

NAD83 UTM: 4887055 (Rough Estimate) N 10T 0561085 E

Tree height (nearest m): ~60 difficult to obtain DBH (mid-slope, cm): 144.5

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 144.5

Cm from d-tape to wood: North 15.0 South 5.3 East 10.2 West 12.5

South core sapwood thickness (cm): 3.7

Comments on core: South core is in 2 peices, but the break is toward the pith, no rings are missing

West core sapwood thickness (cm): 5.3

Comments on core:

Date (day, month, year): 8/31/09 Personnel (initials): BW, AD, NA, AM

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME - Dead - #6

(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☑ Tree is near the plot. ***Describe location*** 1506 across road from 2101

NAD83 UTM: 4897074 N 10T0561118 E

Tree height (nearest m): ~75 Rough Estimate DBH (mid-slope, cm): 188.2

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 176.5 underestimate due to slope

Cm from d-tape to wood: North unattainable South 6.0 East 12.5 West ~7.9

South core sapwood thickness (cm): unable to determine

Comments on core: Slightly offset to SE to avoid rot

Some fungus in core.

West core sapwood thickness (cm): 4.5

Comments on core: offset to Southwest

☆ This core might be preferable for testing

Date (day, month, year): 08/31/09 Personnel (initials): AM, BW, NA, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJA-PSME-Live-#5

(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1500

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** next to road

NAD83 UTM: 489668 N 0560387 E

Tree height (nearest m): 70 DBH (mid-slope, cm): 151.2

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 151.5

Cm from d-tape to wood: North 7.5 South 8.9 East 10.4 West 9.1

South core sapwood thickness (cm): 6.2

Comments on core:

West core sapwood thickness (cm): 6.4

Comments on core:

Date (day, month, year): 8/31/09 Personnel (initials): BW, AM, NA, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: H.J Andrews - PSME - Dead - #5
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** on 1506 Past gauging station after RS 300.

NAD83 UTM: 4896727 N 10T0562420 E

Tree height (nearest m): 48 DBH (mid-slope, cm): 162.8

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 162.8

Cm from d-tape to wood: North 7.6 South 7.3 East 9.4 West 9.4

South core sapwood thickness (cm): ~ 2.8 estimate - difficult to determine

Comments on core:

~~West~~ East core sapwood thickness (cm): not sure

Comments on core: ~~offset slightly to southwest~~

Took core on east to avoid pith but core is really at outside. Might not have outer ring. Crossdated in previous yrs.

Looks like part of ring is there but hard to tell w/ core

Date (day, month, year): 31 Aug 2009 Personnel (initials): AM, AD, NA, DL

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJA - PSME - Live - 4
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Off road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** just off the road

NAD83 UTM: 4896409 N 0560348 E

Tree height (nearest m): 52m DBH (mid-slope, cm): 146.3

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

USDoT Bearing tree.
Station 96101,

==========

Tree diameter at *CORE* height (cm): 146.3

Cm from d-tape to wood: North 12.8 South 5.9 East 9.0 West 5.1

South core sapwood thickness (cm): 4.7

Comments on core:

West core sapwood thickness (cm): 6.3

Comments on core:

Date (day, month, year): 8/31/09 Personnel (initials): BG, NA, AD, AM

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME - Dead - #4
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☑ Tree is near the plot. ***Describe location*** off road 1506 - Creekside - Post road 300 to Watershed 2

NAD83 UTM: 4896416 N 10T 0560337 E

Tree height (nearest m): 42 DBH (mid-slope, cm): 132.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
Missing a very small portion of its top - has some fine branches but not many

==========

Tree diameter at *CORE* height (cm): ~ 134.0 due to fallen log - had to estimate

Cm from d-tape to wood: North 6.5 South 4.4 East 6.6 West 7.5

South core sapwood thickness (cm): 1.9
Comments on core:

West core sapwood thickness (cm): 3.8
Comments on core: slight break - but complete

Date (day, month, year): 08/31/09 Personnel (initials): AM, NA, BW, AO

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJA-PSME-Dead-#3
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 300 — 1st gated road not

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** downhill from road 300 20m and / off road 1506 first gated road labelled 300

NAD83 UTM: 4896082 N 0560125 E no satellites. Used live tree UTM

Tree height (nearest m): 59 DBH (mid-slope, cm): 167.5

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

tree slightly charred on south side, old ← not recent
tree has swallowed a metal "thing" ← looks like a metal "U" or "O"

==========

Tree diameter at *CORE* height (cm): 164.9

Cm from d-tape to wood: North 6.5 South 6.4 East 10.9 West 4.7

South core sapwood thickness (cm): 6.0 → uncertain

Comments on core: Core was taken on the southwest side due to rot.

West core sapwood thickness (cm): 3.2

Comments on core:

Date (day, month, year): 08/31/09 Personnel (initials): AM, BW, AD, NA

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJA - PSME - Live - #3
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 300 ← 1st gated road not second!

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** _____

NAD83 UTM: 4896082 N 0560125 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 159.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 159.4

Cm from d-tape to wood: North 10.0 South 12.6 East 9.6 West 7.2

South core sapwood thickness (cm): 5.3

Comments on core:

West core sapwood thickness (cm): 3.1

Comments on core:

Date (day, month, year): 8/31/09 Personnel (initials): AD, BW, MM, SA

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME - Live - # 2
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☒ Tree is near the plot. ***Describe location*** along 1506 - just off the Road

NAD83 UTM: 4895909 N 10T0559735 E → tree ~ 3 m E of Dead #2

Tree height (nearest m): 68 DBH (mid-slope, cm): 138.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
a little char on South side, not recent

==========

Tree diameter at *CORE* height (cm): 140.9

Cm from d-tape to wood: North 7.6 South 8.0 East 8.8 West 7.5

South core sapwood thickness (cm): 2.9
Comments on core:

West core sapwood thickness (cm): 3.1
Comments on core:

Date (day, month, year): 7/21/08 Personnel (initials): BR, NA, AM, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: HJ Andrews - PSME-Dead-#2
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Road 1506

☐ Tree is inside the plot. ***Tree tag number*** _____

☑ Tree is near the plot. ***Describe location*** along 1506 - Just off the Road

NAD83 UTM: 4895909 N 10T 0559735 E

Tree height (nearest m): 46 DBH (mid-slope, cm): 47.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):
DBH was difficult to obtain - it is as accurate as possible.
Tree is hanging over a bluff on the river

==========

Tree diameter at *CORE* height (cm): 117.0

Cm from d-tape to wood: North 5.2 (possible underestimate) South 5.7 East 5.0 West unattainable - second Girdle

South core sapwood thickness (cm): ~1.2 - difficult to determine

Comments on core:

East

~~***West***~~ core sapwood thickness (cm): 2.4

Comments on core: West side was dangerously inaccessible

Date (day, month, year): 8/30/09 Personnel (initials): AM, AD, NA, BW

STABLE ISOTOPE CORES DATASHEET

Tree ID: H.J Andrews - PSME-Dead-# 1
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watershed 2

☑ Tree is inside the plot. ***Tree tag number*** _____

☐ Tree is near the plot. ***Describe location*** Inside Watershed 2 - not sure where plots are see UTMS

NAD83 UTM: 4884763 N 10T 0560431 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 151.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

North Bark depth may be an underestimate because Arrow is not 8 feet tall.

==========

Tree diameter at *CORE* height (cm): 146.2

Cm from d-tape to wood: North 12.5 South 7.7 East 11.9 West 10.5

South core sapwood thickness (cm): ~ 4.5 Difficult to determine
Comments on core:

West core sapwood thickness (cm): ~ 4.7 Difficult to determine
Comments on core: Broken mybacks on the core - complete core

Date (day, month, year): 8/30/09 Personnel (initials): BLV, AM, AD, NA

STABLE ISOTOPE CORES DATASHEET

Tree ID: H. J Andrews - PSME - Live - # 1
(Site – Species – Live or Dead – Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Watershed 2

☐ Tree is inside the plot. ***Tree tag number*** _____

☑ Tree is near the plot. ***Describe location*** Not sure where plots are - inside watershed 2 See GTM

NAD83 UTM: 4895858 N 10T 0560228 E

Tree height (nearest m): 49 DBH (mid-slope, cm): 112.1

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

==========

Tree diameter at *CORE* height (cm): 112.1

Cm from d-tape to wood: North 7.1 South 5.9 East 6.9 West 6.5

South core sapwood thickness (cm): 3.0
Comments on core:

West core sapwood thickness (cm): 3.5
Comments on core: