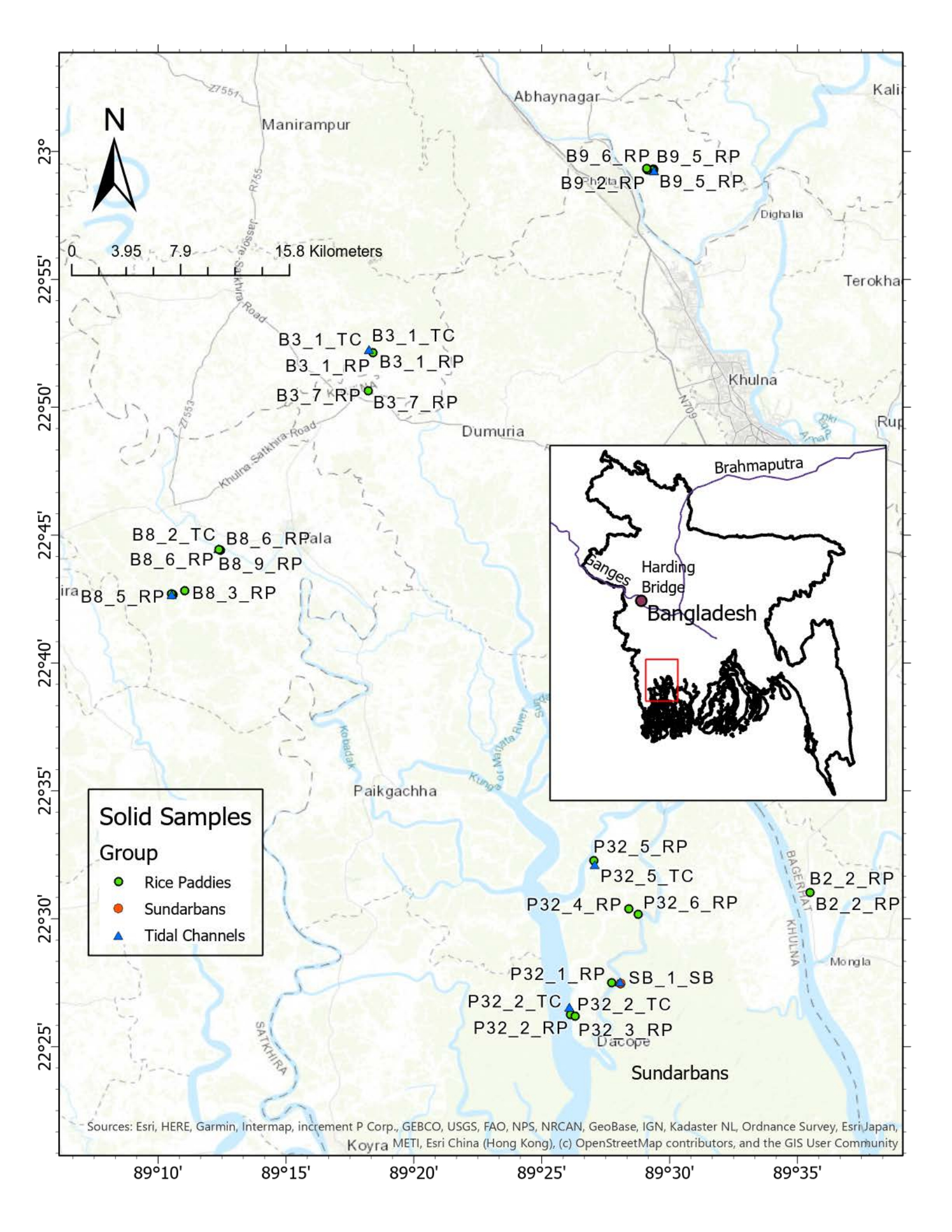
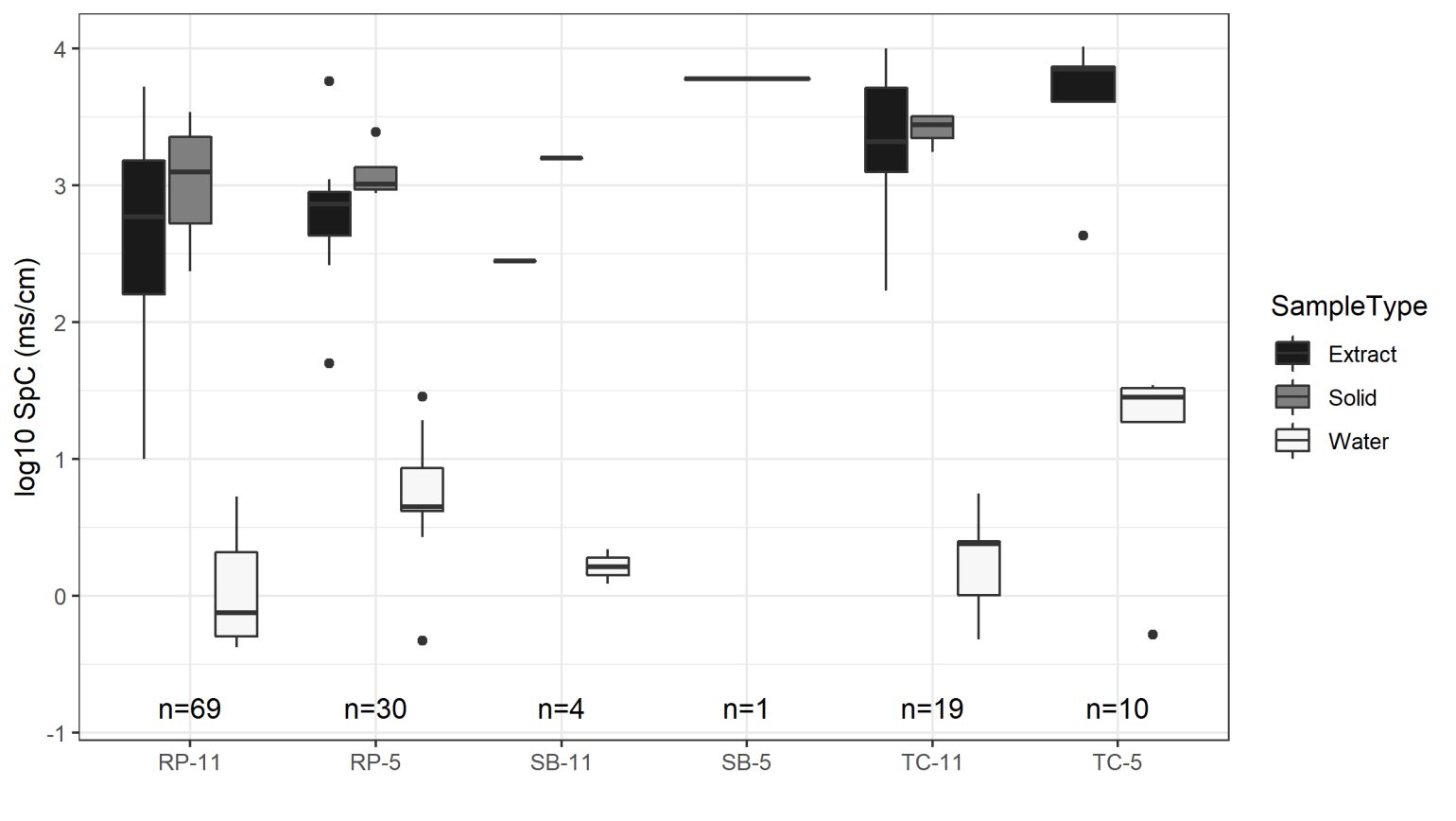
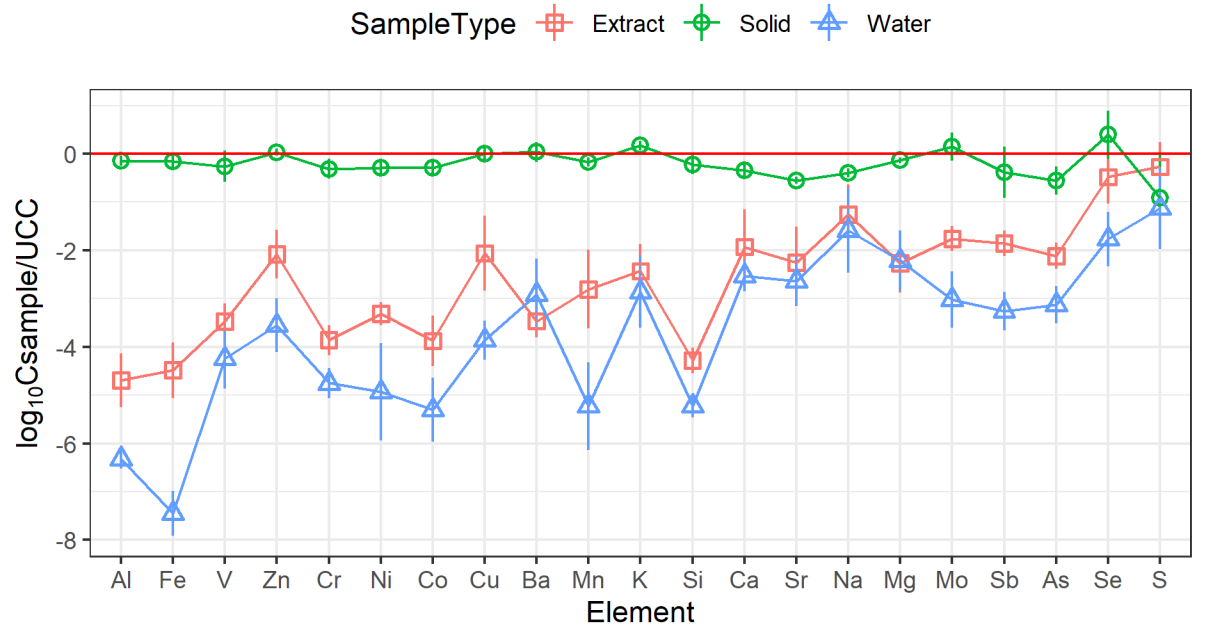
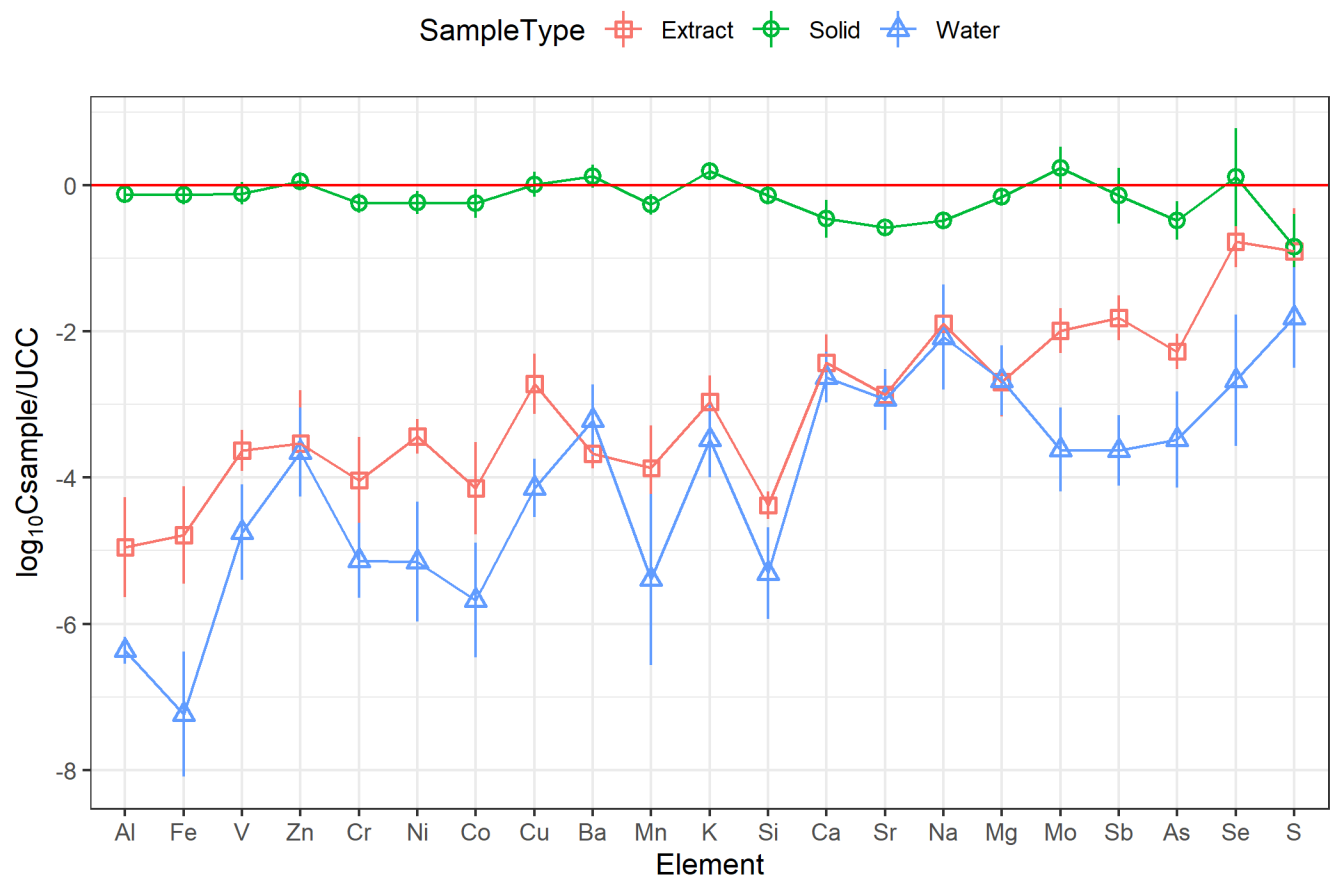
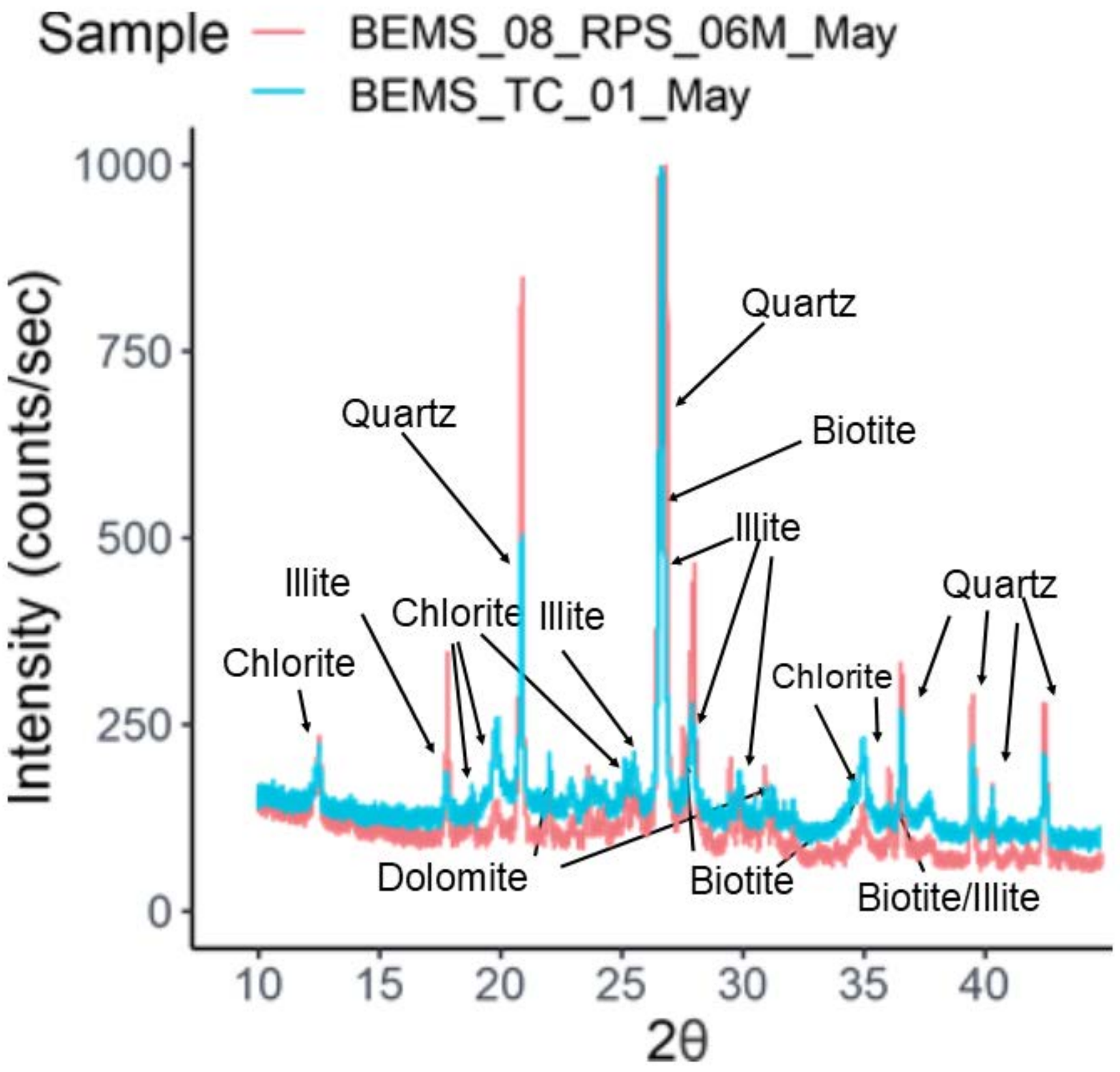
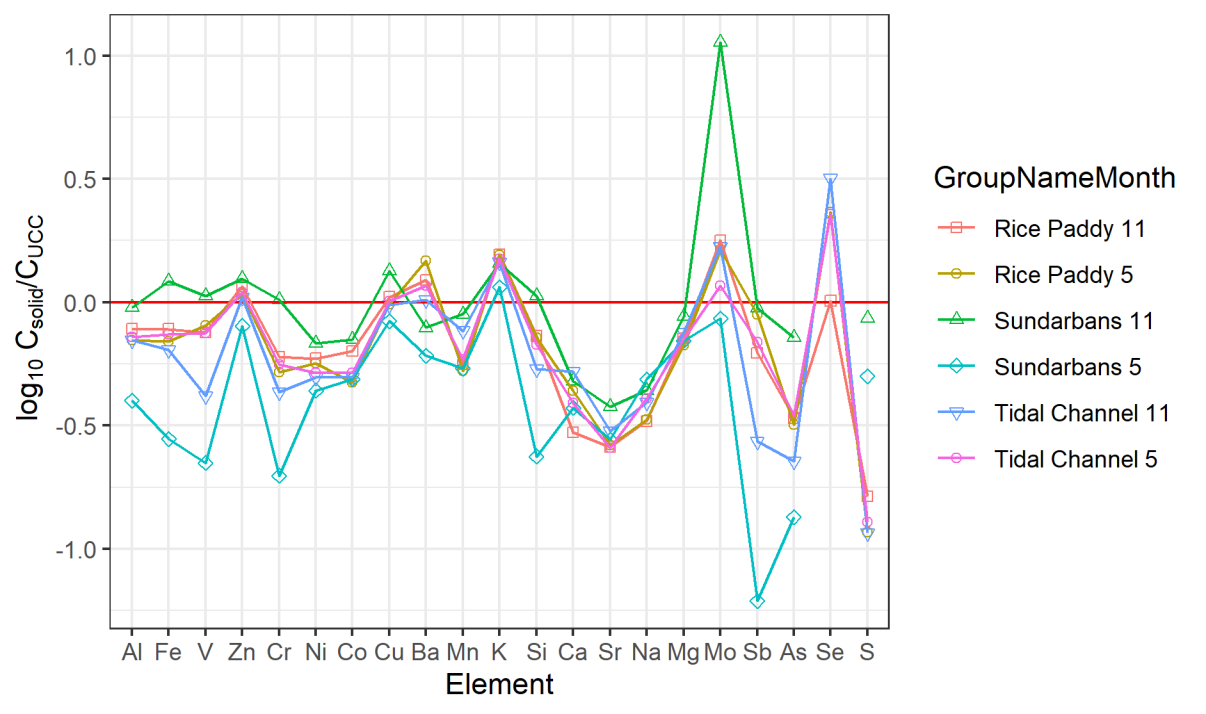

N
0 3.95 7.9 15.8 Kilometers
Abhaynagar
Manirampur
Dighalia
Terokha
Khulna
Dumuria
Paikgachha
Sundarbans
Koyra
Brahmaputra
Ganges
Harding Bridge
Bangladesh
B9_6_RP
B9_5_RP
B9_2_RP
B9_5_RP
B3_1_TC
B3_1_TC
B3_1_RP
B3_1_RP
B3_7_RP
B3_7_RP
B8_2_TC
B8_6_RP
B8_6_RP
B8_9_RP
B8_5_RP
B8_3_RP
P32_5_RP
P32_5_TC
P32_4_RP
P32_6_RP
B2_2_RP
B2_2_RP
P32_1_RP
SB_1_SB
P32_2_TC
P32_2_TC
P32_2_RP
P32_3_RP
Solid Samples
Group
Rice Paddies
Sundarbans
Tidal Channels
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
23°
22°55'
22°50'
22°45'
22°40'
22°35'
22°30'
22°25'
89°10'
89°15'
89°20'
89°25'
89°30'
89°35'

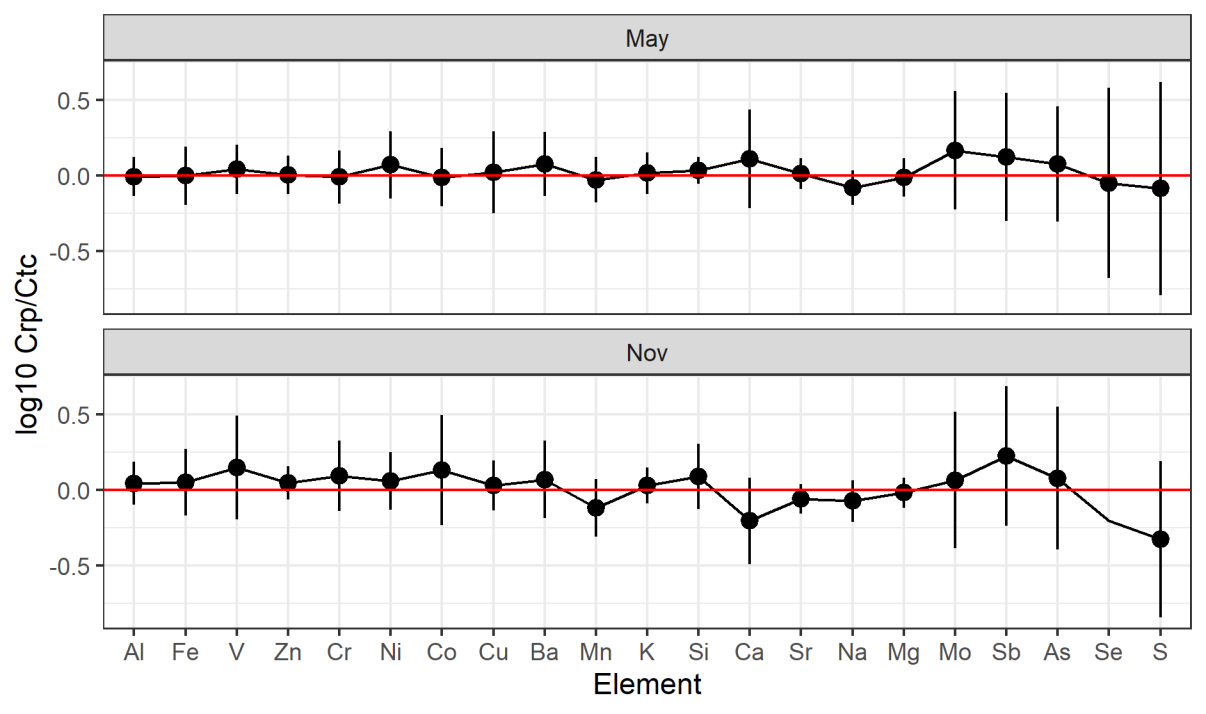

log10 SpC (ms/cm)
4
3
2
1
0
-1
n=69
n=30
n=4
n=1
n=19
n=10
RP-11
RP-5
SB-11
SB-5
TC-11
TC-5
SampleType
Extract
Solid
Water

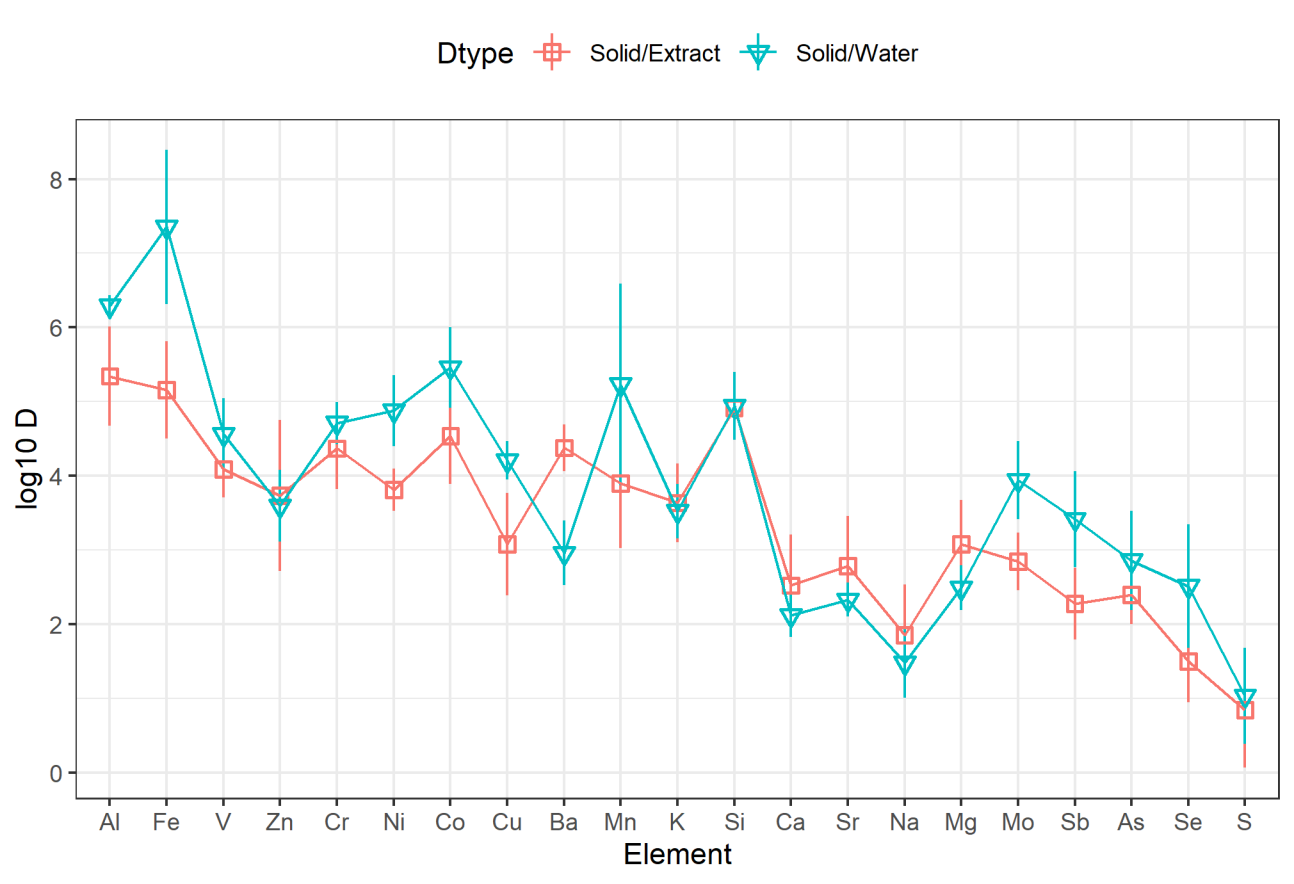

SampleType
Extract
Solid
Water
0
-2
-4
-6
-8
log10Csample/UCC
Al
Fe
V
Zn
Cr
Ni
Co
Cu
Ba
Mn
K
Si
Ca
Sr
Na
Mg
Mo
Sb
As
Se
S
Element

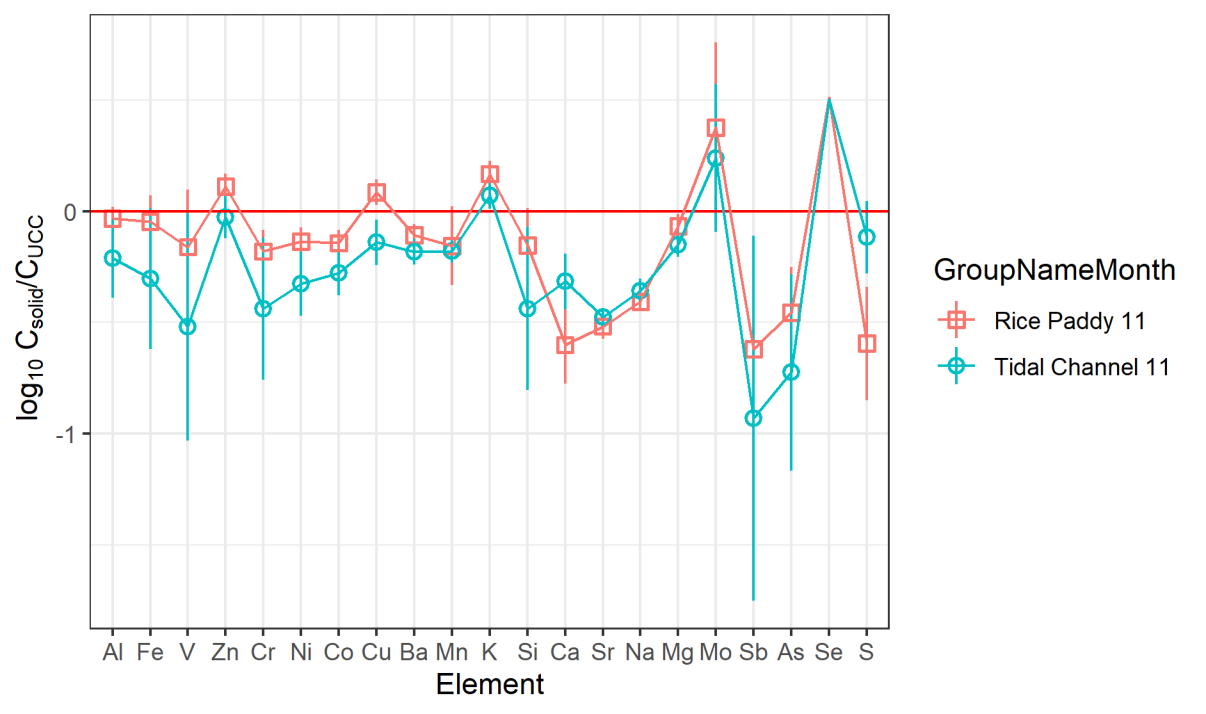

SampleType
Extract
Solid
Water
0
-2
-4
-6
-8
log10Csample/UCC
Al
Fe
V
Zn
Cr
Ni
Co
Cu
Ba
Mn
K
Si
Ca
Sr
Na
Mg
Mo
Sb
As
Se
S
Element

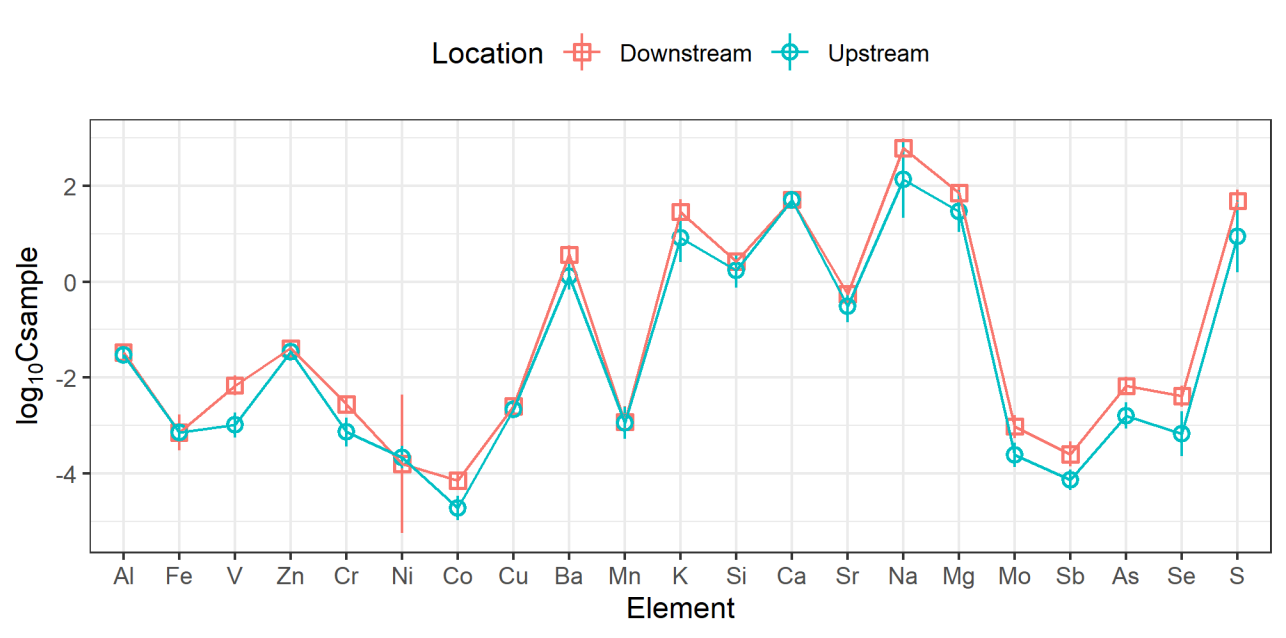

Sample
BEMS_08_RPS_06M_May
BEMS_TC_01_May
Intensity (counts/sec)
1000
750
500
250
0
10
15
20
25
30
35
40
2θ
Quartz
Quartz
Biotite
Illite
Illite
Chlorite
Illite
Chlorite
Chlorite
Quartz
Dolomite
Biotite
Biotite/Illite


1.0
0.5
0.0
-0.5
-1.0
log10 Csolid/CUCC
Al Fe V Zn Cr Ni Co Cu Ba Mn K Si Ca Sr Na Mg Mo Sb As Se S
Element
GroupNameMonth
Rice Paddy 11
Rice Paddy 5
Sundarbans 11
Sundarbans 5
Tidal Channel 11
Tidal Channel 5


May
Nov
log10 Crp/Ctc
0.5
0.0
-0.5
Al
Fe
V
Zn
Cr
Ni
Co
Cu
Ba
Mn
K
Si
Ca
Sr
Na
Mg
Mo
Sb
As
Se
S
Element


Dtype
Solid/Extract
Solid/Water
log10 D
8
6
4
2
0
Al
Fe
V
Zn
Cr
Ni
Co
Cu
Ba
Mn
K
Si
Ca
Sr
Na
Mg
Mo
Sb
As
Se
S
Element


0
-1
log10 Csolid/CUCC
Al Fe V Zn Cr Ni Co Cu Ba Mn K Si Ca Sr Na Mg Mo Sb As Se S
Element
GroupNameMonth
Rice Paddy 11
Tidal Channel 11


Location
Downstream
Upstream
log10Csample
2
0
-2
-4
Al
Fe
V
Zn
Cr
Ni
Co
Cu
Ba
Mn
K
Si
Ca
Sr
Na
Mg
Mo
Sb
As
Se
S
Element