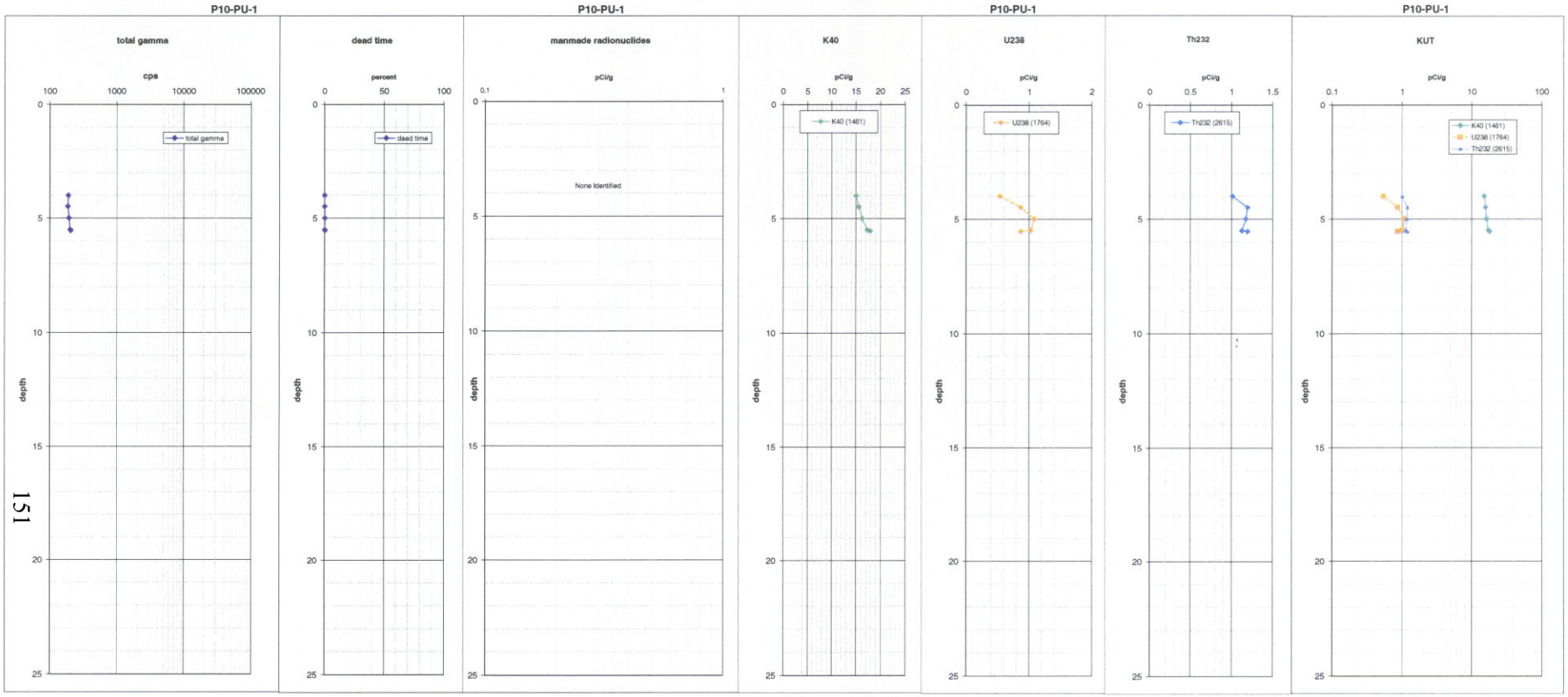
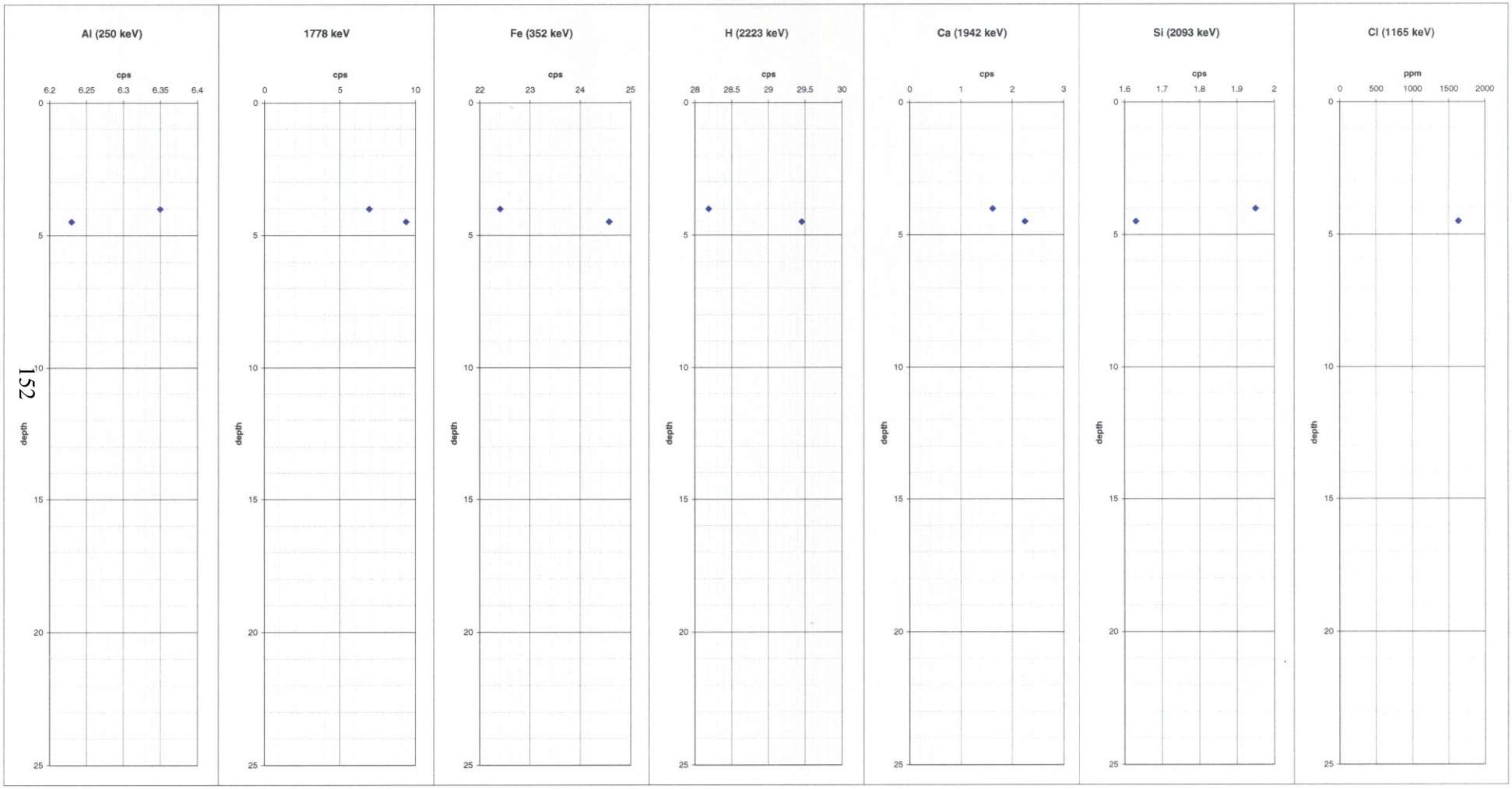
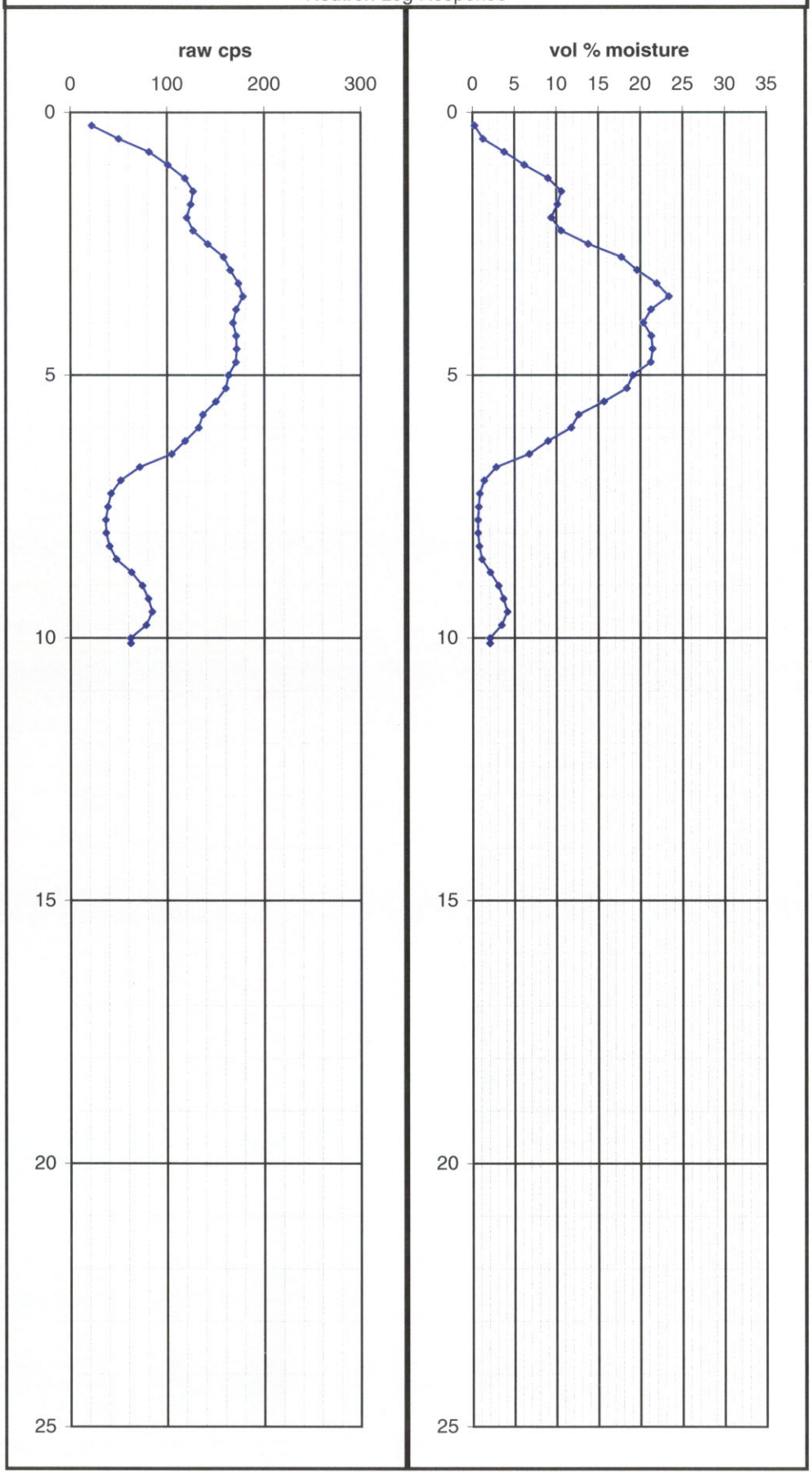

P10-PU-1
total gamma
cps
100
1000
10000
100000
total gamma
dead time
percent
0
50
100
dead time
manmade radionuclides
pCi/g
0.1
1
None Identified
K40
pCi/g
0
5
10
15
20
25
K40 (1461)
U238
pCi/g
0
1
2
U238 (1764)
Th232
pCi/g
0
0.5
1
1.5
Th232 (2615)
KUT
pCi/g
0.1
1
10
100
K40 (1461)
U238 (1764)
Th232 (2615)
depth
0
5
10
15
20
25

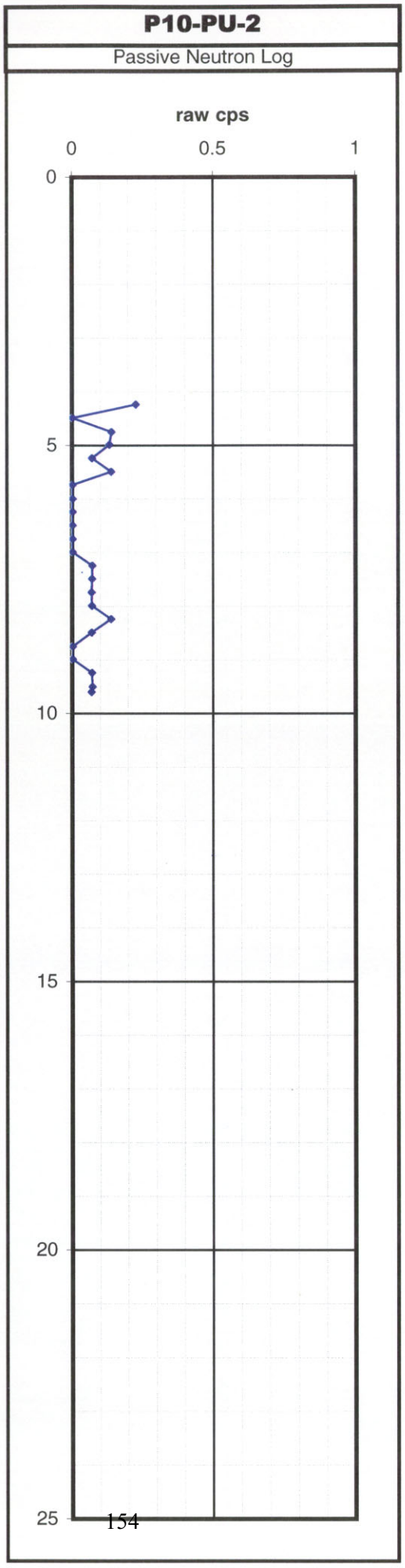
P10-PU-1

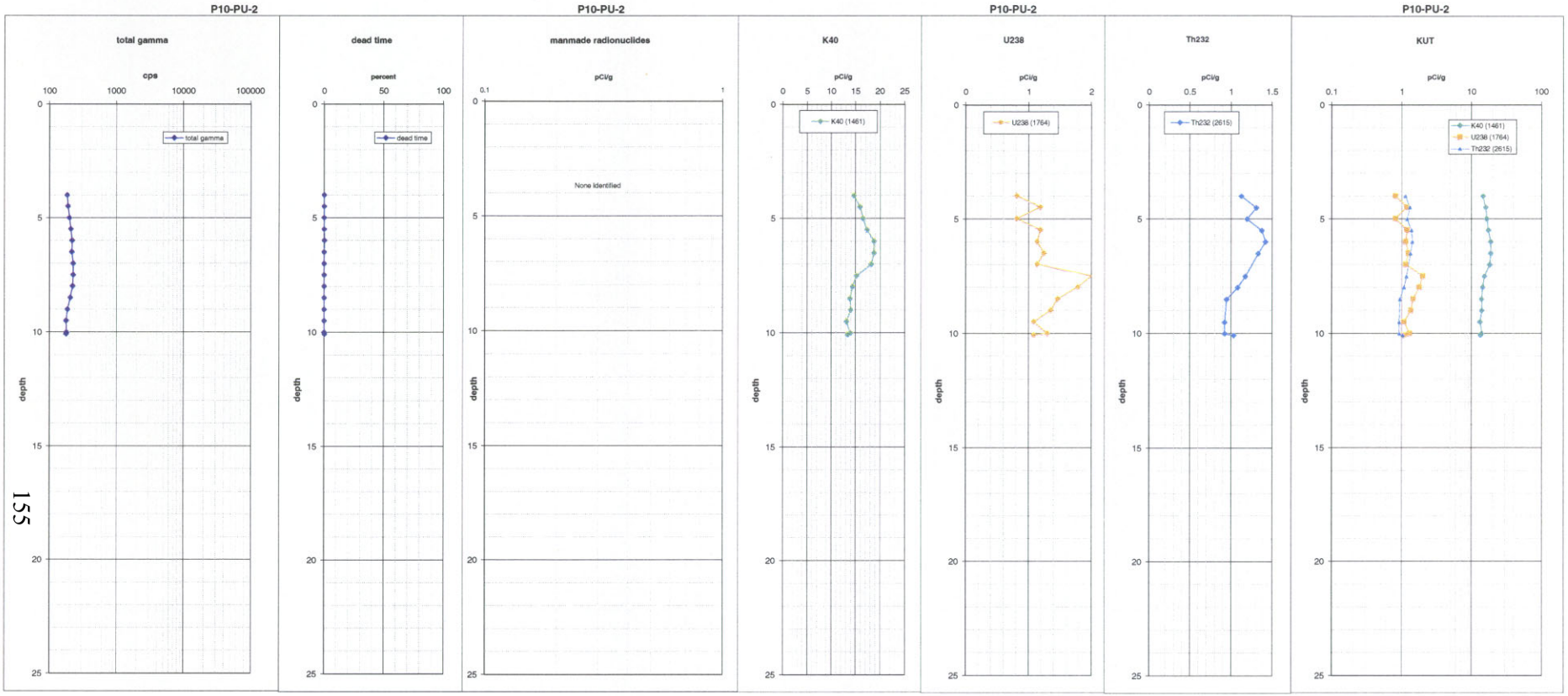

Al (250 keV)
cps
6.2 6.25 6.3 6.35 6.4
1778 keV
cps
0 5 10
Fe (352 keV)
cps
22 23 24 25
H (2223 keV)
cps
28 28.5 29 29.5 30
Ca (1942 keV)
cps
0 1 2 3
Si (2093 keV)
cps
1.6 1.7 1.8 1.9 2
Cl (1165 keV)
ppm
0 500 1000 1500 2000
depth
0 5 10 15 20 25

P10-PU-2

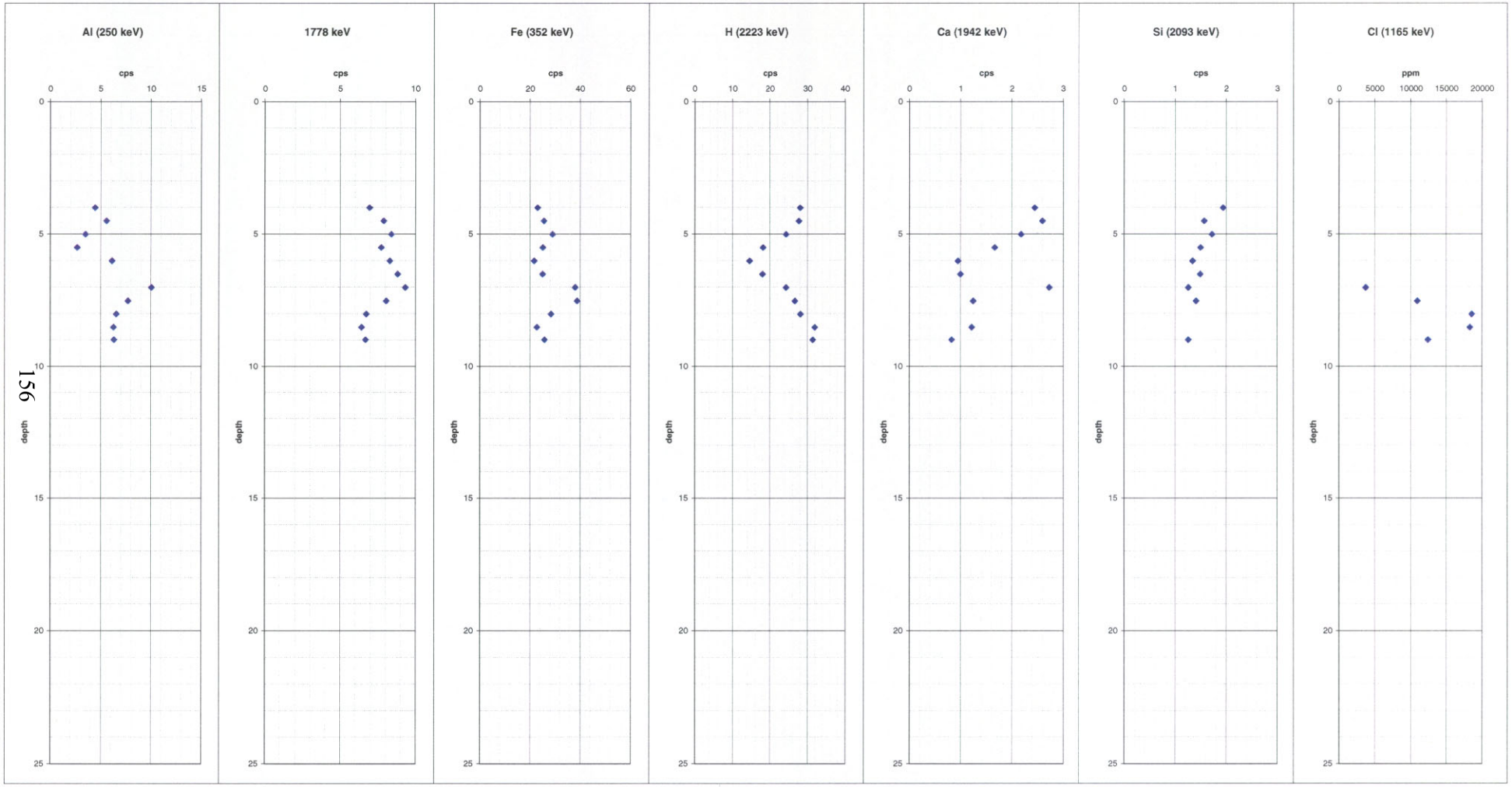
Neutron Log Response

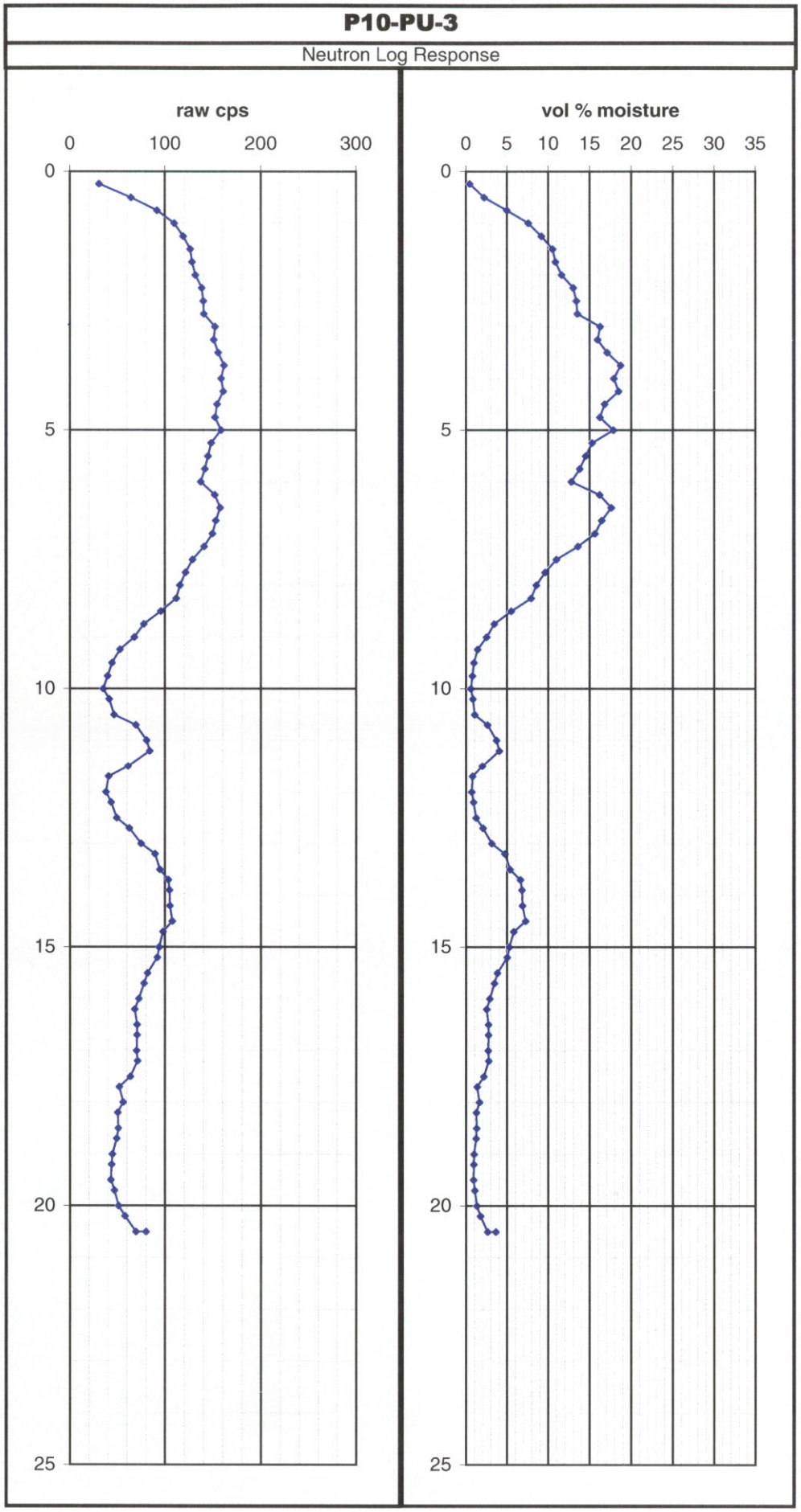


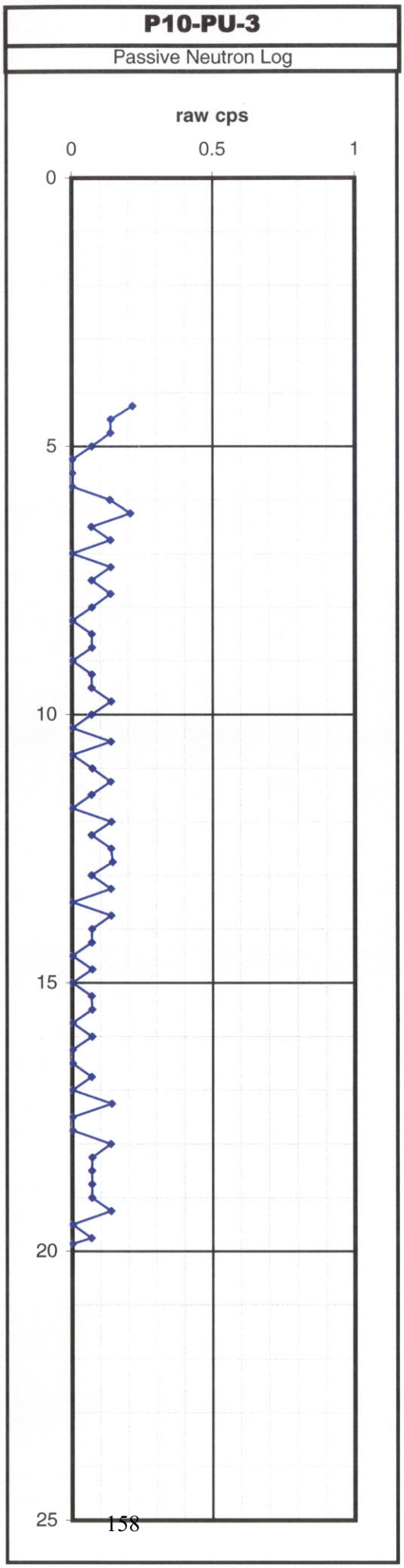

P10-PU-2
Passive Neutron Log
raw cps
0
0.5
1
0
5
10
15
20
25

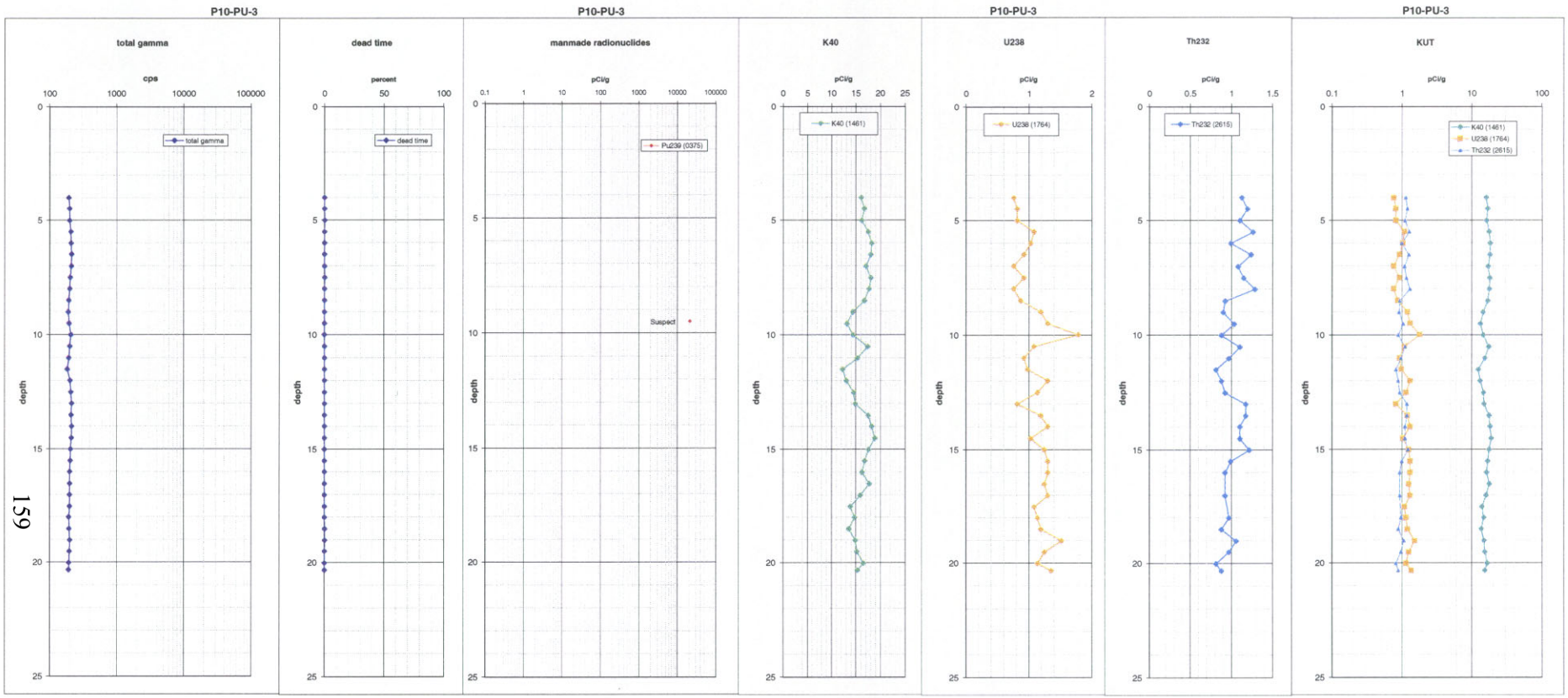

P10-PU-2
total gamma
cps
100
1000
10000
100000
total gamma
dead time
percent
0
50
100
dead time
manmade radionuclides
pCi/g
0.1
1
None identified
K40
pCi/g
0
5
10
15
20
25
K40 (1461)
U238
pCi/g
0
1
2
U238 (1764)
Th232
pCi/g
0
0.5
1
1.5
Th232 (2615)
KUT
pCi/g
0.1
1
10
100
K40 (1461)
U238 (1764)
Th232 (2615)
depth
0
5
10
15
20
25

P10-PU-2

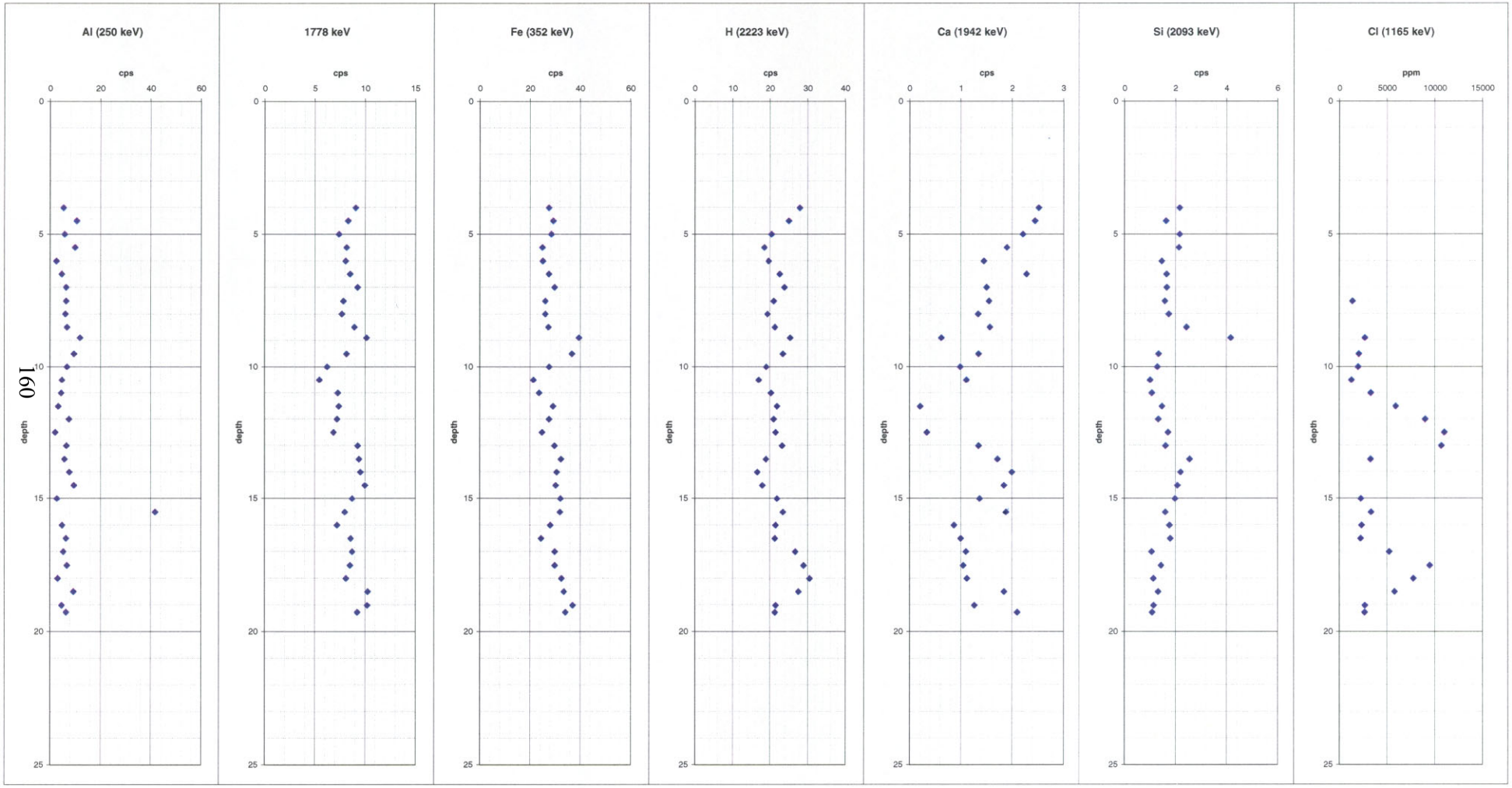

Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth

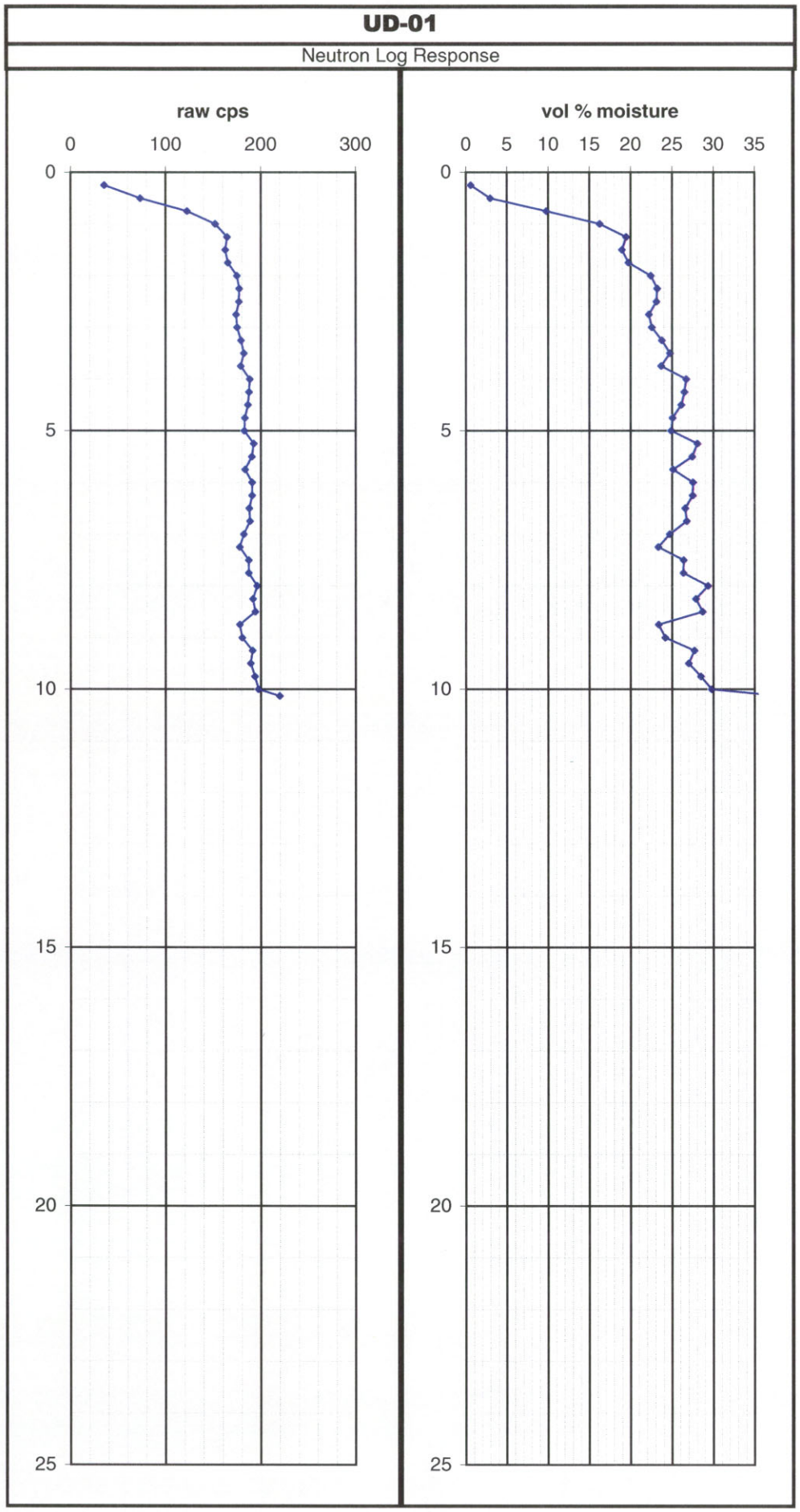

P10-PU-3
Neutron Log Response
raw cps
0
100
200
300
0
5
10
15
20
25
vol % moisture
0
5
10
15
20
25
30
35
0
5
10
15
20
25

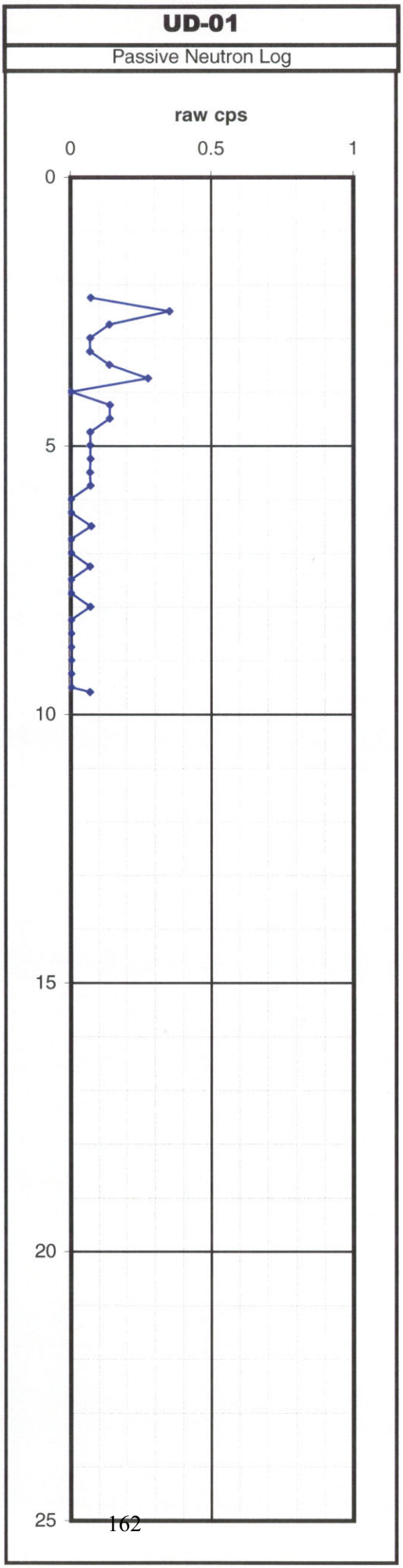

P10-PU-3
Passive Neutron Log
raw cps
0
0.5
1
0
5
10
15
20
25

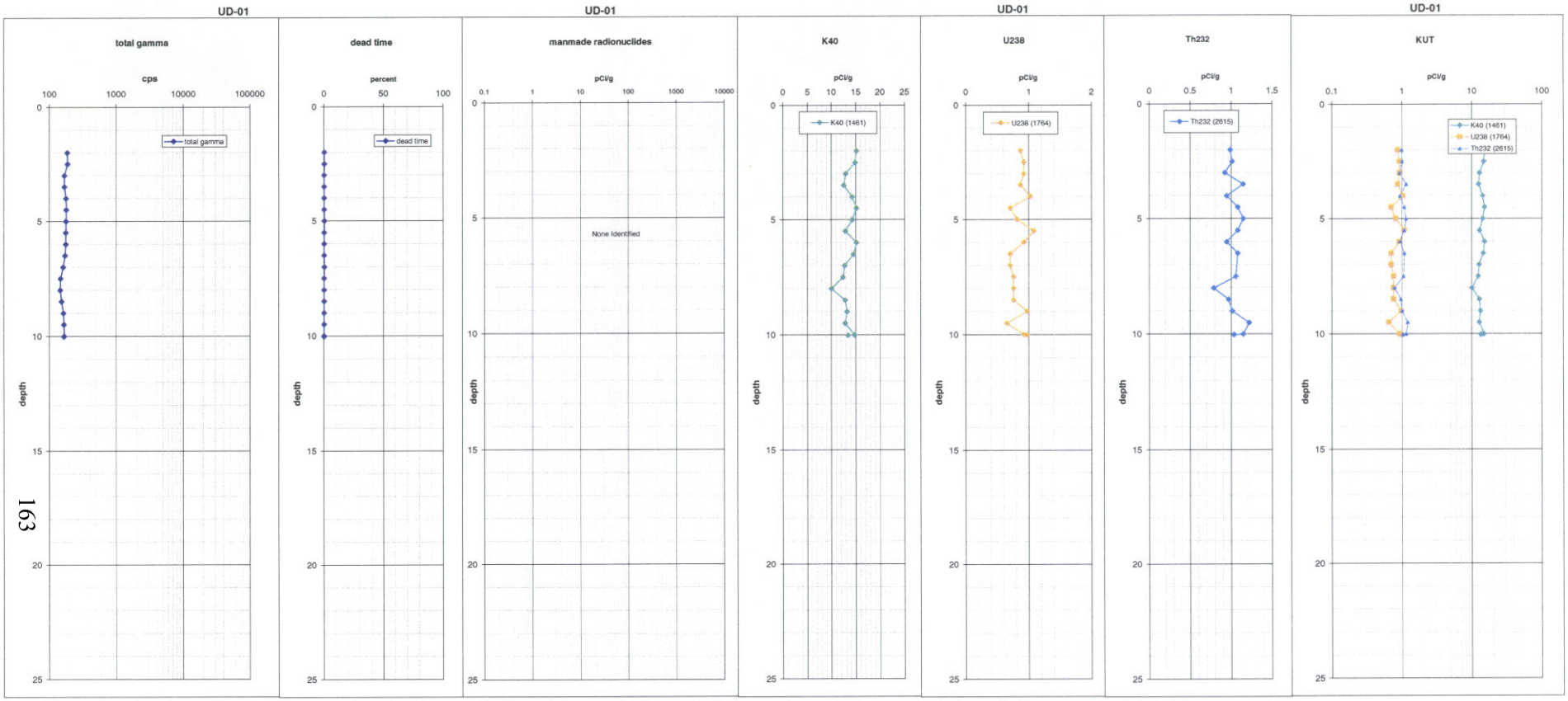

P10-PU-3
total gamma
cps
total gamma
dead time
percent
dead time
manmade radionuclides
pCi/g
Pu239 (0375)
Suspect
K40
pCi/g
K40 (1461)
U238
pCi/g
U238 (1764)
Th232
pCi/g
Th232 (2615)
KUT
pCi/g
K40 (1461)
U238 (1764)
Th232 (2615)
depth

P10-PU-3

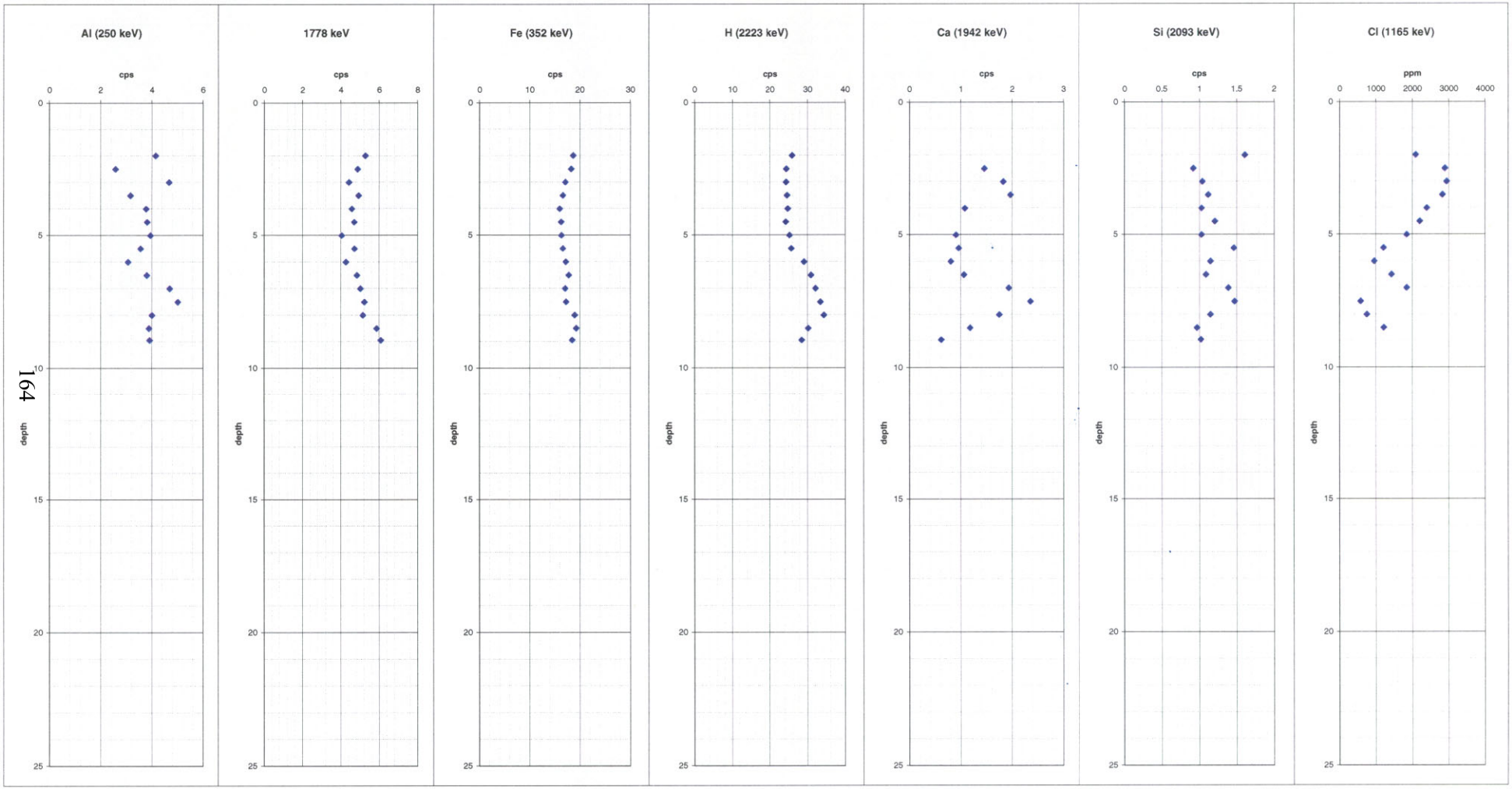

Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth


UD-01
Neutron Log Response
raw cps
0
100
200
300
0
5
10
15
20
25
vol % moisture
0
5
10
15
20
25
30
35
0
5
10
15
20
25


UD-01
Passive Neutron Log
raw cps
0
0.5
1
0
5
10
15
20
25

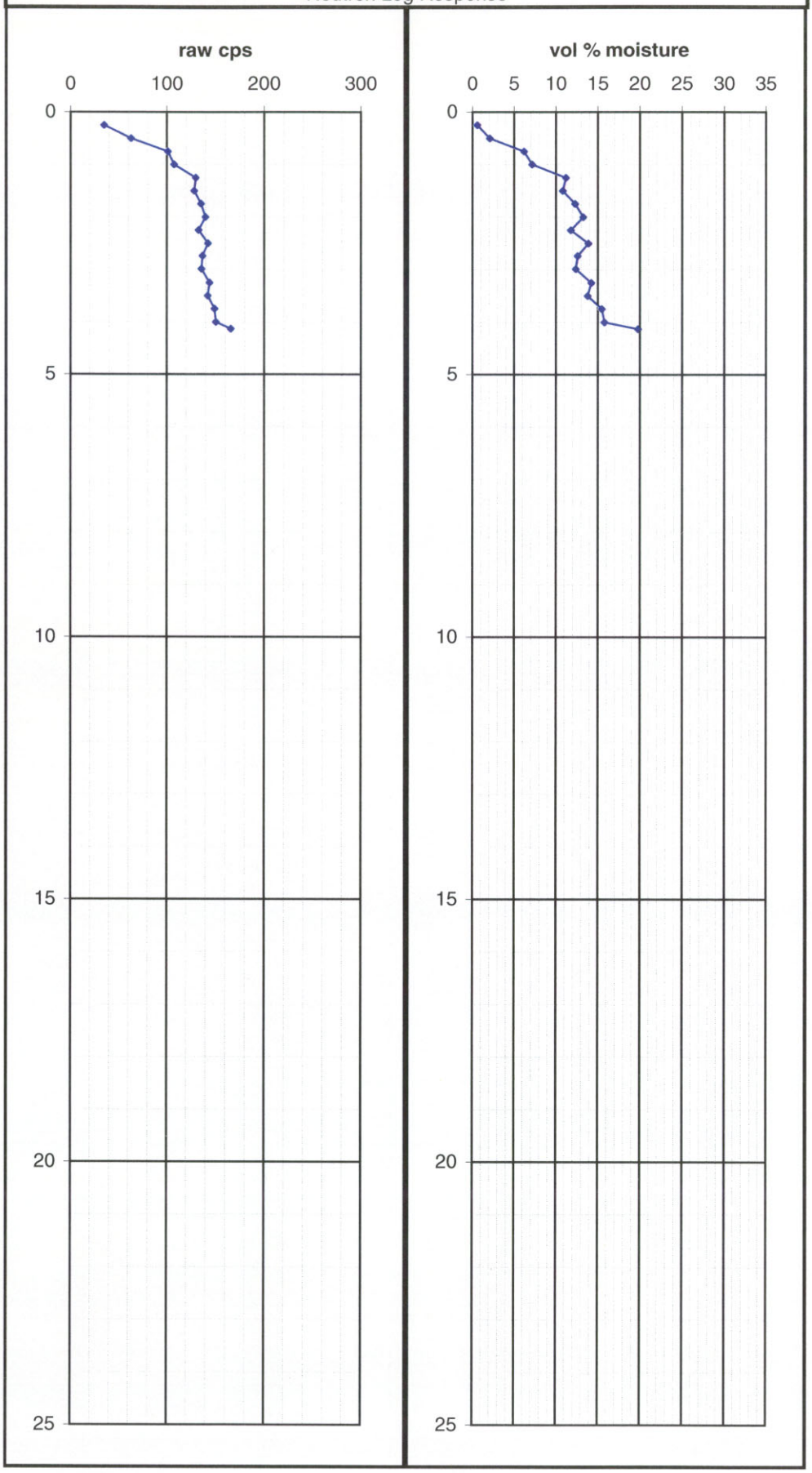

UD-01
total gamma
cps
100
1000
10000
100000
total gamma
dead time
percent
0
50
100
dead time
manmade radionuclides
pCi/g
0.1
1
10
100
1000
10000
None Identified
K40
0
5
10
15
20
25
K40 (1461)
U238
1
2
U238 (1764)
Th232
0.5
1.5
Th232 (2615)
KUT
K40 (1461)
U238 (1764)
Th232 (2615)
depth
0
5
10
15
20
25

UD-01


Al (250 keV)
1778 keV
Fe (352 keV)
H (2223 keV)
Ca (1942 keV)
Si (2093 keV)
Cl (1165 keV)
cps
ppm
depth

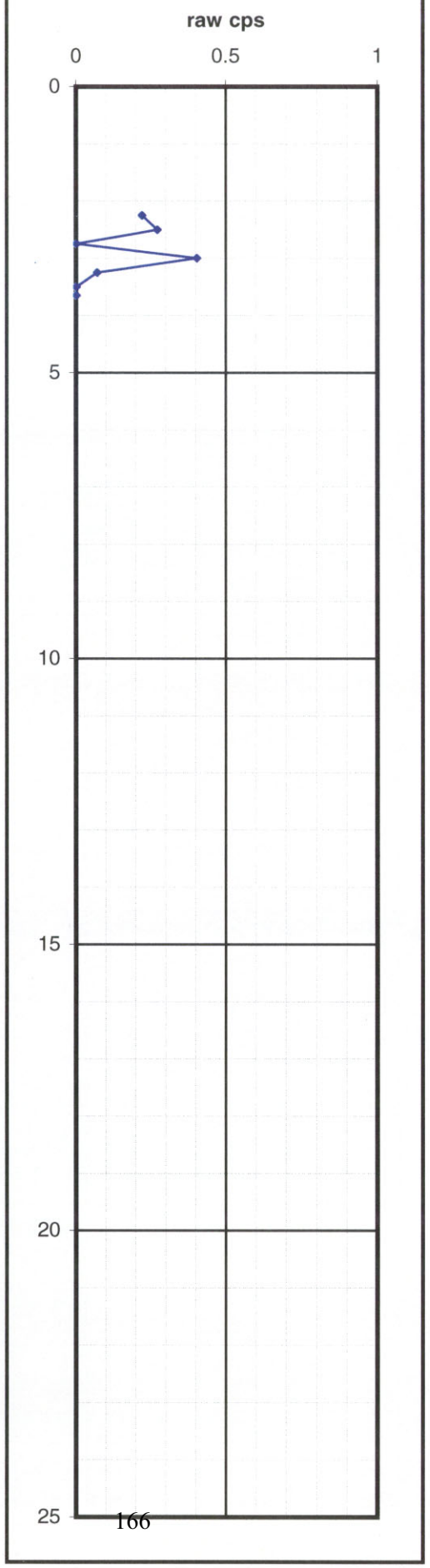
UD-03

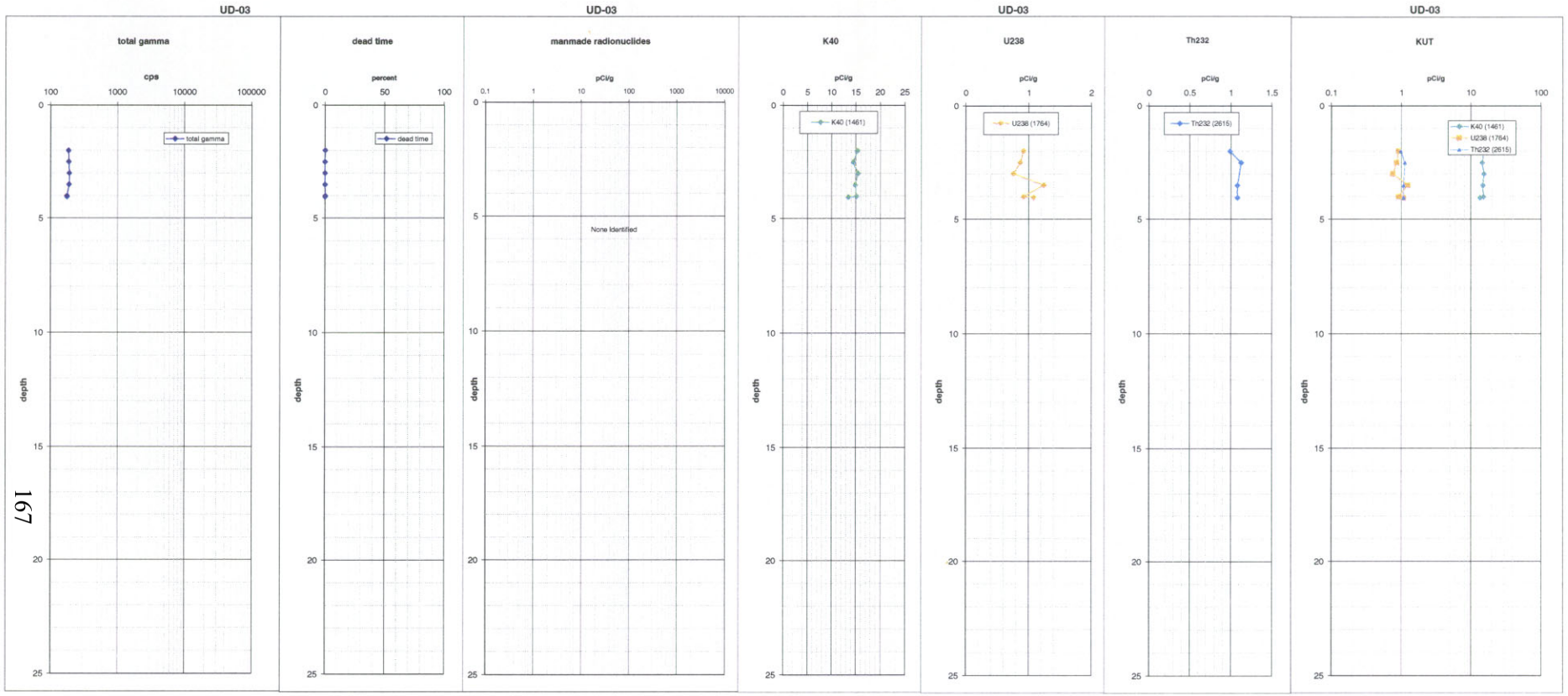
Neutron Log Response



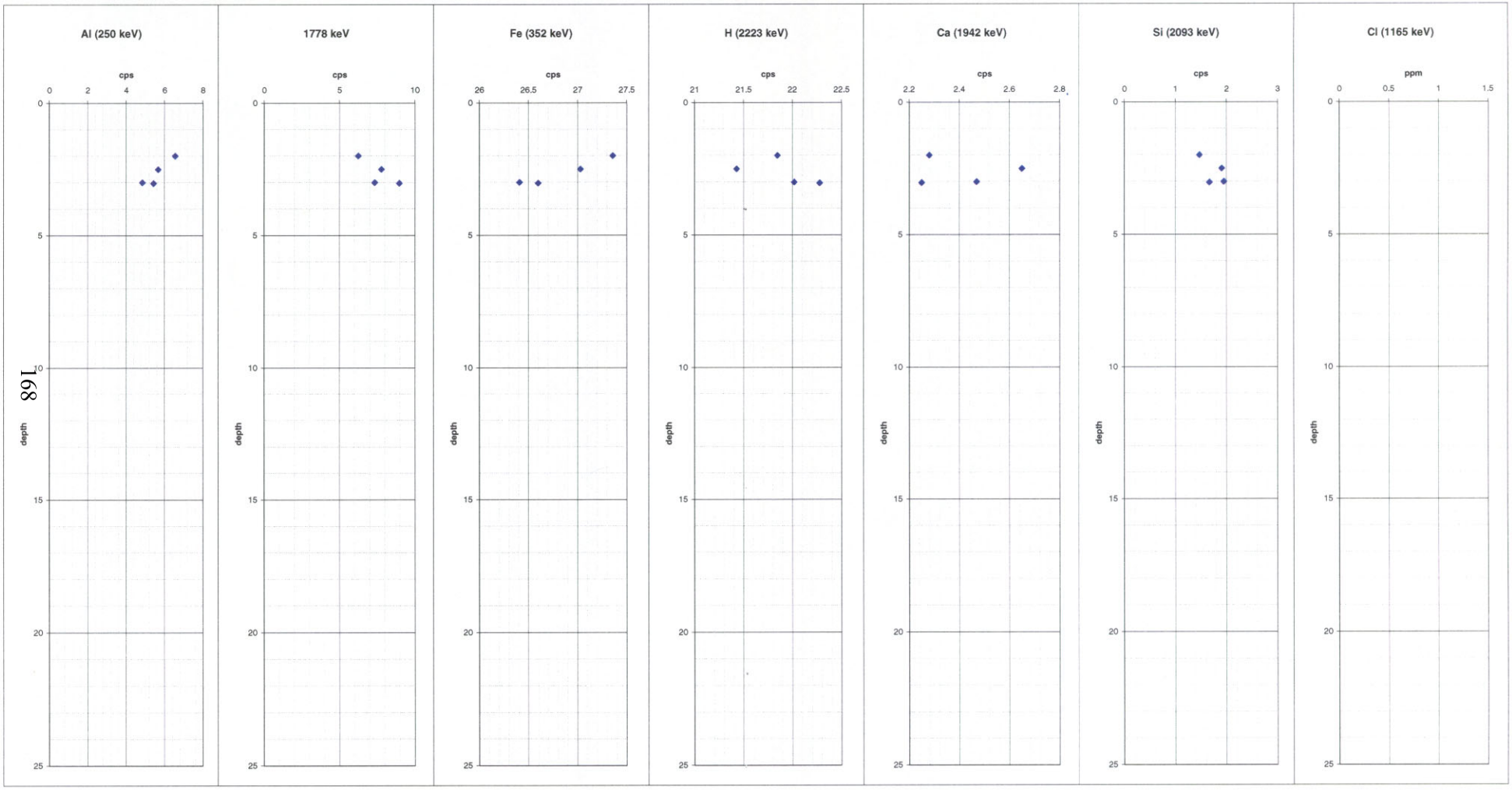
UD-03

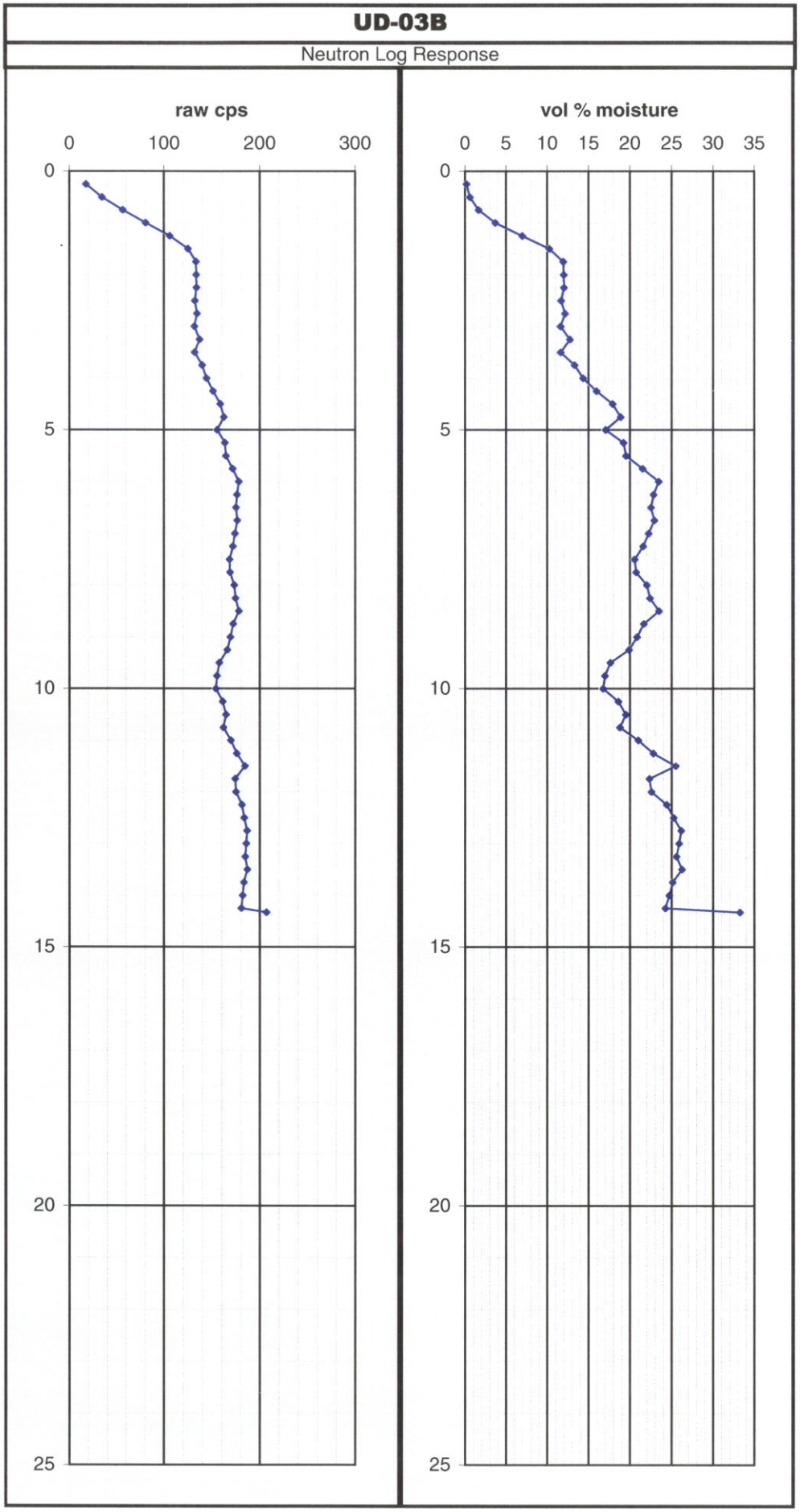
Passive Neutron Log

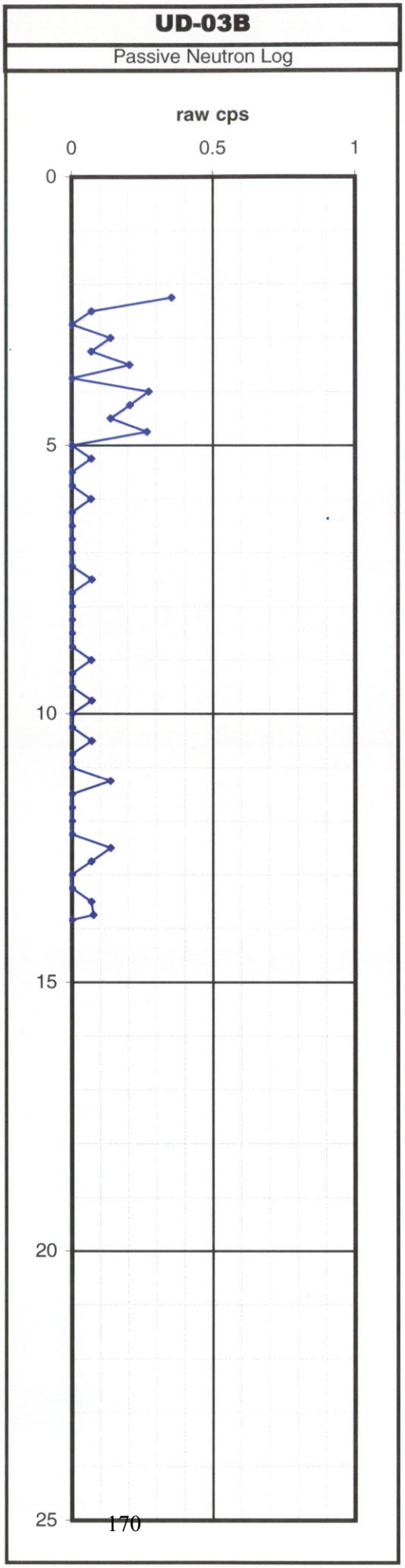



UD-03
total gamma
cps
total gamma
depth
UD-03
dead time
percent
dead time
depth
UD-03
manmade radionuclides
pCi/g
None Identified
depth
UD-03
K40
pCi/g
K40 (1461)
depth
UD-03
U238
pCi/g
U238 (1764)
depth
UD-03
Th232
pCi/g
Th232 (2615)
depth
UD-03
KUT
pCi/g
K40 (1461)
U238 (1764)
Th232 (2615)
depth

UD-03


Al (250 keV)
cps
0 2 4 6 8
1778 keV
cps
0 5 10
Fe (352 keV)
cps
26 26.5 27 27.5
H (2223 keV)
cps
21 21.5 22 22.5
Ca (1942 keV)
cps
2.2 2.4 2.6 2.8
Si (2093 keV)
cps
0 1 2 3
Cl (1165 keV)
ppm
0 0.5 1 1.5
depth
0 5 10 15 20 25


UD-03B
Neutron Log Response
raw cps
0
100
200
300
vol % moisture
0
5
10
15
20
25
30
35
0
5
10
15
20
25


UD-03B
Passive Neutron Log
raw cps
0
0.5
1
0
5
10
15
20
25