

## Results report

Sample ID ..... 331-C0014E-1H-3\_110-120cm

pmH value ..... 6.620

Alkalinity ..... 8.817 mM

Added HCl volume (mL) ..... 0.400 mL

Sample size ..... 3mL

HCl concentration ..... 0.09583 mol/L

## Determination

Method ..... pmH and Alkalinity(exp331)

Method saving date ..... 2010-07-29 19:11:50 UTC+9

Determination start ..... 2010-09-18 20:51:44 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.620 pH ....

### SET U SET U 2.1

EP1 ..... 0.3200 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 229.0 mV ....

### MEAS U MEAS U 2.1

EME ..... 233.0 mV ....

### MEAS U MEAS U 3.1

EME ..... 237.0 mV ....

### MEAS U MEAS U 4.1

EME ..... 240.0 mV ....

### MEAS U MEAS U 5.1

EME ..... 243.0 mV ....

### MEAS U MEAS U 6.1

EME ..... 246.0 mV ....

### MEAS U MEAS U 7.1

EME ..... 248.0 mV ....

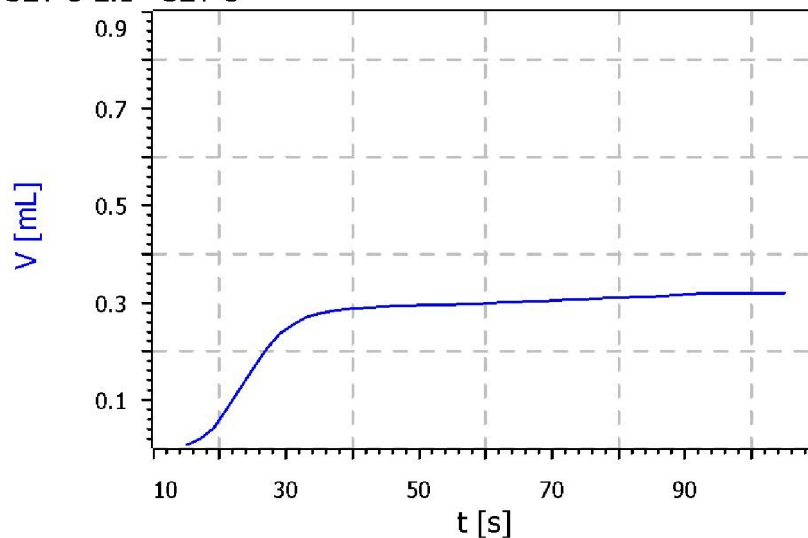
### MEAS U MEAS U 8.1

EME ..... 251.0 mV ....

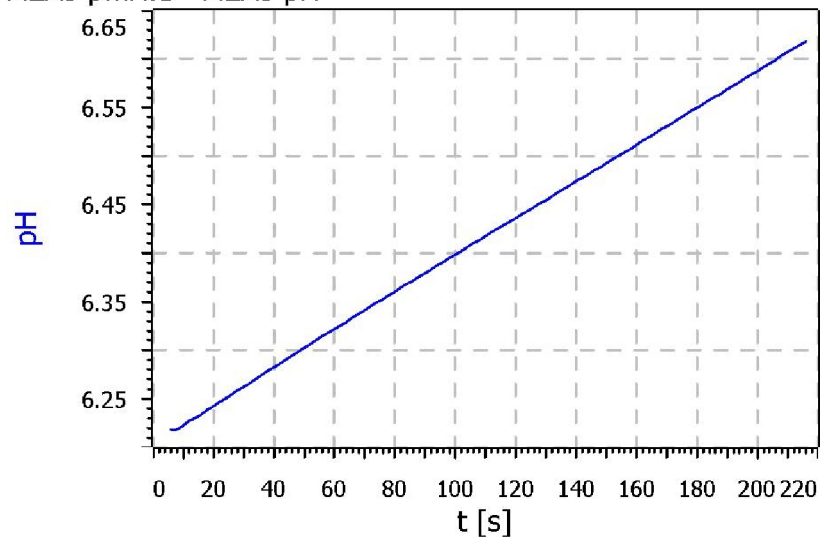
## Results

pmH	6.620	
Alkalinity	8.817	mol/L
HCl concentration	0.09583	
Added HCl 8	0.400	mL
Sample Name	331-C0014E-1H-3_110-120cm	
pH	invalid	
Added HCl at 210mV	0.320	mL
Gran factor 0	13196.593	
EMF0	212.900	
Added HCl 1	0.330	mL
Gran factor 1	24771.787	
Added HCl 2	0.340	mL
Gran factor 2	29032.488	
Added HCl 3	0.350	mL
Gran factor 3	34025.716	
Added HCl 4	0.360	mL
Gran factor 4	38354.847	
Added HCl 5	0.370	mL
Gran factor 5	43234.396	
Added HCl 6	0.380	mL
Gran factor 6	48734.297	
Added HCl 7	0.390	mL
Gran factor 7	52836.014	
Gran factor 8	59556.309	
n	4	
sum added HCl	1.38	
sum Gran factor	126184.84	
sum sq added HCl	0.48	
sum added HC*Gran factors	43762.48	
Y intercept	-126265.10	
slope	457424.09	
HCl at Gran end point	0.2760	mL

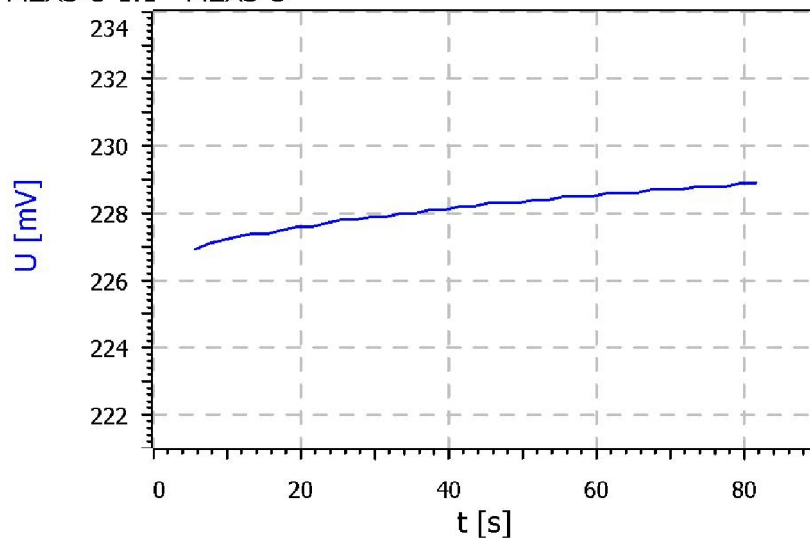
SET U 2.1 - SET U



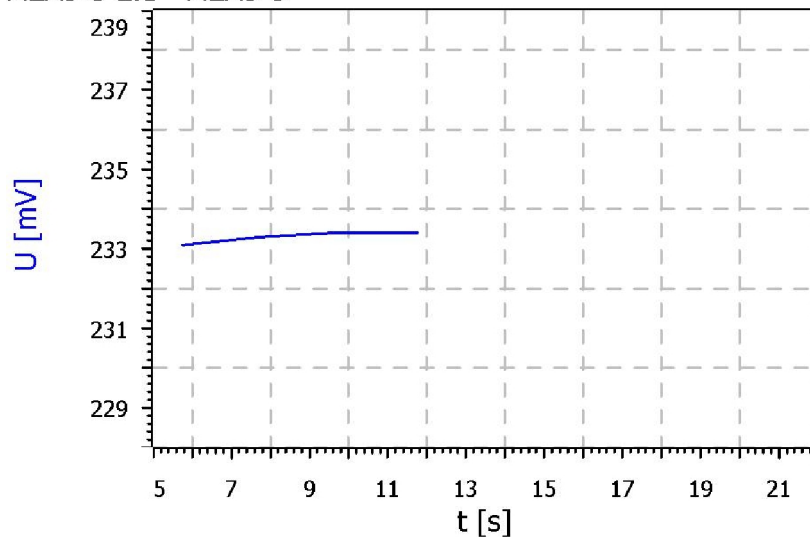
MEAS pmH.1 - MEAS pH



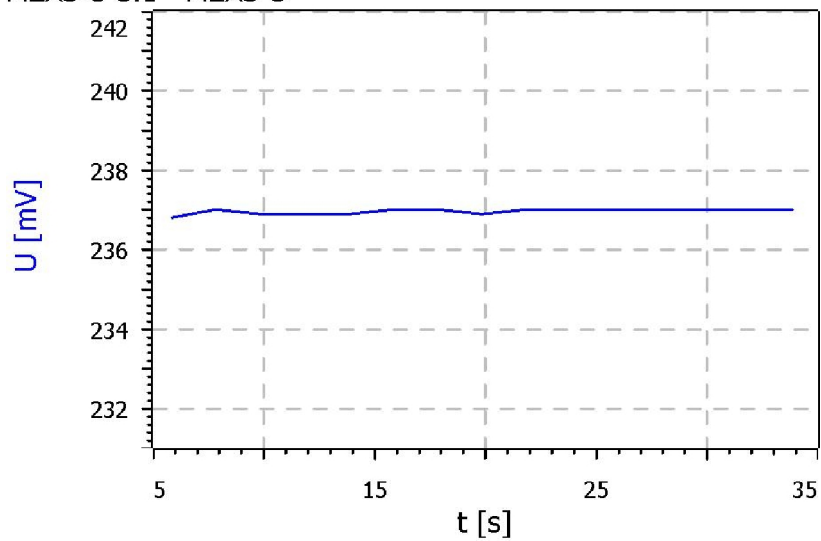
MEAS U 1.1 - MEAS U



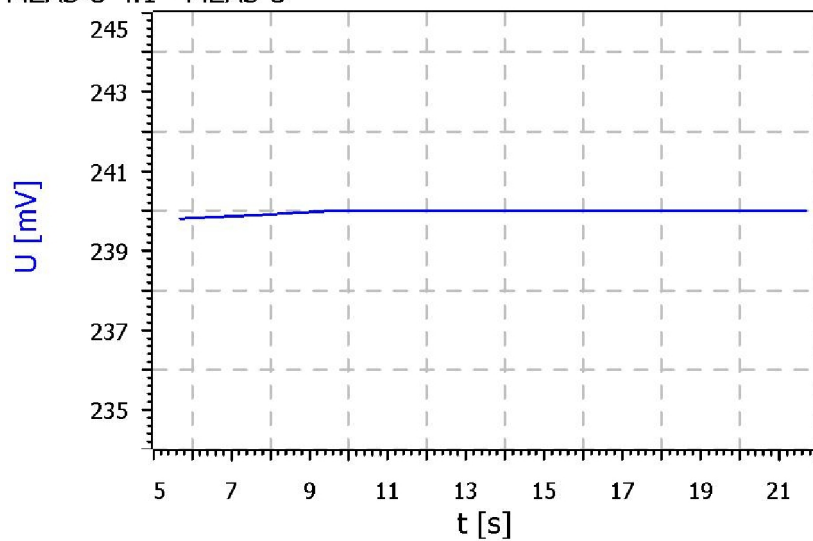
MEAS U 2.1 - MEAS U



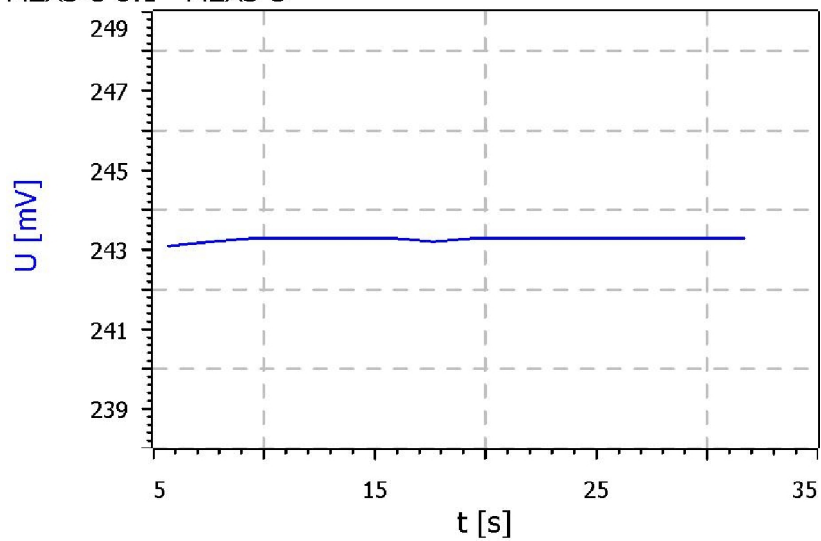
MEAS U 3.1 - MEAS U



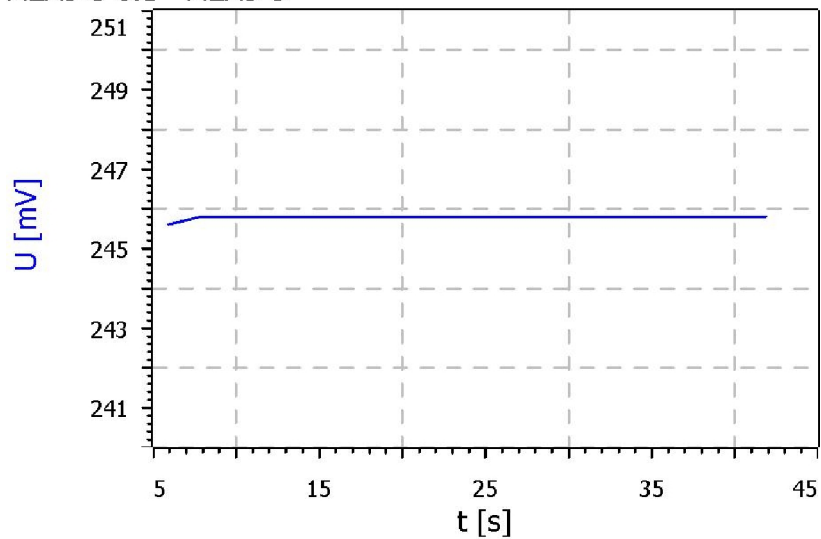
MEAS U 4.1 - MEAS U



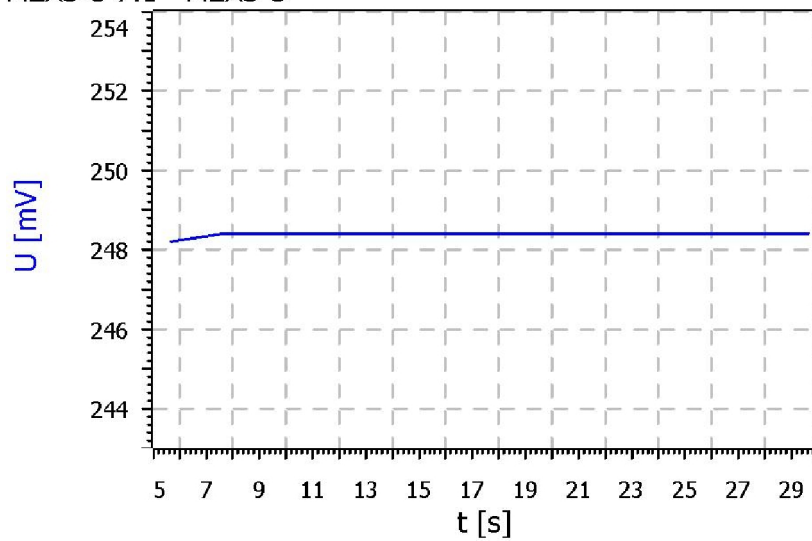
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

