

## Results report

Sample ID ..... 331-C0013B-1T-1\_108-118cm  
pmH value ..... 6.670  
Alkalinity ..... 5.374 mM  
Added HCl volume (mL) ..... 0.313 mL  
  
Sample size ..... 3mL  
HCl concentration ..... 0.09564 mol/L

## Determination

Method ..... pmH and Alkalinity(exp331)  
Method saving date ..... 2010-07-29 19:11:50 UTC+9  
Determination start ..... 2010-09-11 07:09:54 UTC+9  
User name ..... mcmanus

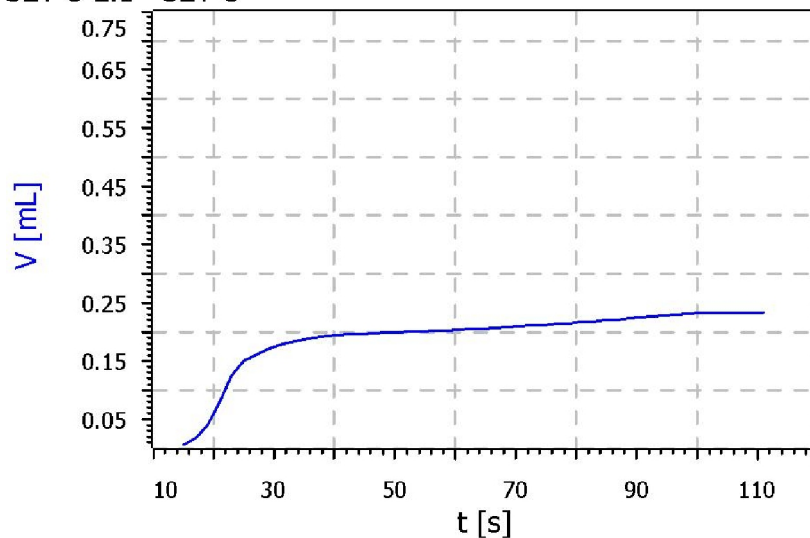
## End points

<b>MEAS pH</b>	<b>MEAS pmH.1</b>
EME .....	6.670 pH .....
<b>SET U</b>	<b>SET U 2.1</b>
EP1 .....	0.2330 mL ..... invalid s
<b>MEAS U</b>	<b>MEAS U 1.1</b>
EME .....	224.0 mV .....
<b>MEAS U</b>	<b>MEAS U 2.1</b>
EME .....	228.0 mV .....
<b>MEAS U</b>	<b>MEAS U 3.1</b>
EME .....	230.0 mV .....
<b>MEAS U</b>	<b>MEAS U 4.1</b>
EME .....	232.0 mV .....
<b>MEAS U</b>	<b>MEAS U 5.1</b>
EME .....	235.0 mV .....
<b>MEAS U</b>	<b>MEAS U 6.1</b>
EME .....	237.0 mV .....
<b>MEAS U</b>	<b>MEAS U 7.1</b>
EME .....	239.0 mV .....
<b>MEAS U</b>	<b>MEAS U 8.1</b>
EME .....	241.0 mV .....

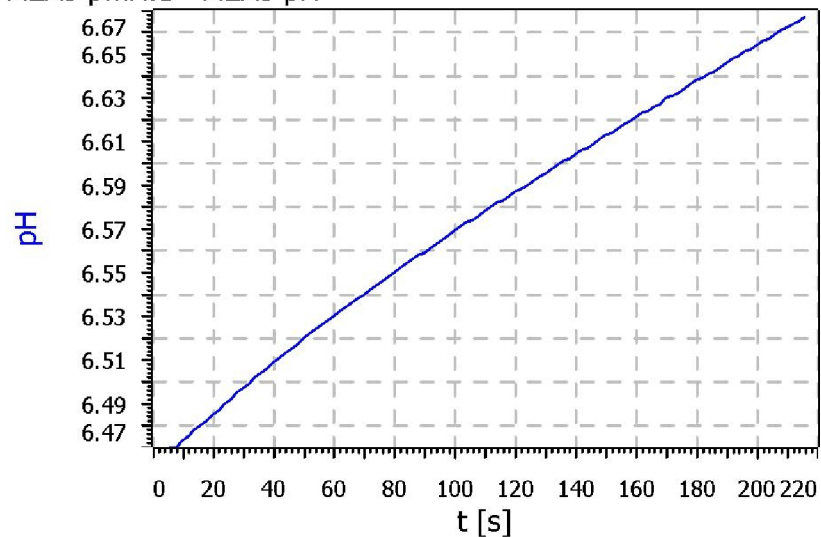
## Results

pmH	6.670	
Alkalinity	5.374	mol/L
HCl concentration	0.09564	
Added HCl 8	0.313	mL
Sample Name	331-C0013B-1T-1_108-118cm	
pH	invalid	
Added HCl at 210mV	0.233	mL
Gran factor 0	13257.279	
EMF0	213.700	
Added HCl 1	0.243	mL
Gran factor 1	19857.712	
Added HCl 2	0.253	mL
Gran factor 2	23275.070	
Added HCl 3	0.263	mL
Gran factor 3	25236.920	
Added HCl 4	0.273	mL
Gran factor 4	27363.876	
Added HCl 5	0.283	mL
Gran factor 5	30847.574	
Added HCl 6	0.293	mL
Gran factor 6	33446.771	
Added HCl 7	0.303	mL
Gran factor 7	36264.641	
Gran factor 8	39319.554	
n	7	
sum added HCl	1.91	
sum Gran factor	196292.56	
sum sq added HCl	0.52	
sum added HC*Gran factors	54339.62	
Y intercept	-45253.68	
slope	268481.59	
HCl at Gran end point	0.1686	mL

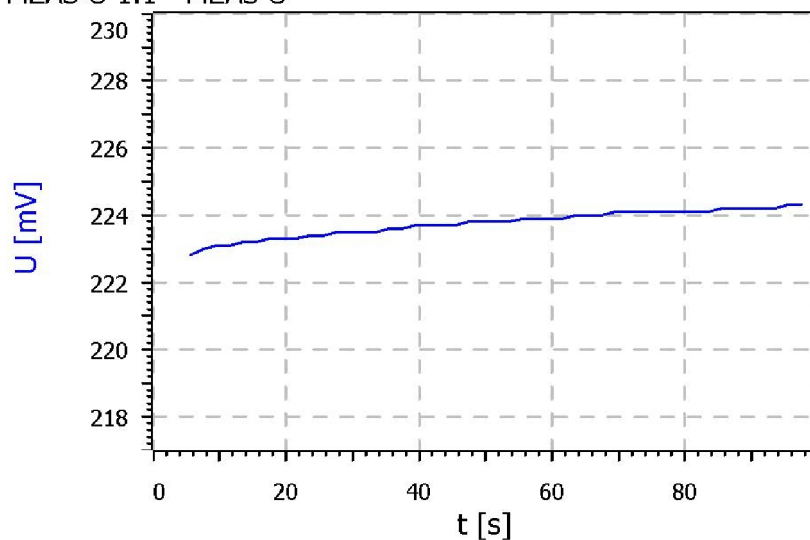
SET U 2.1 - SET U



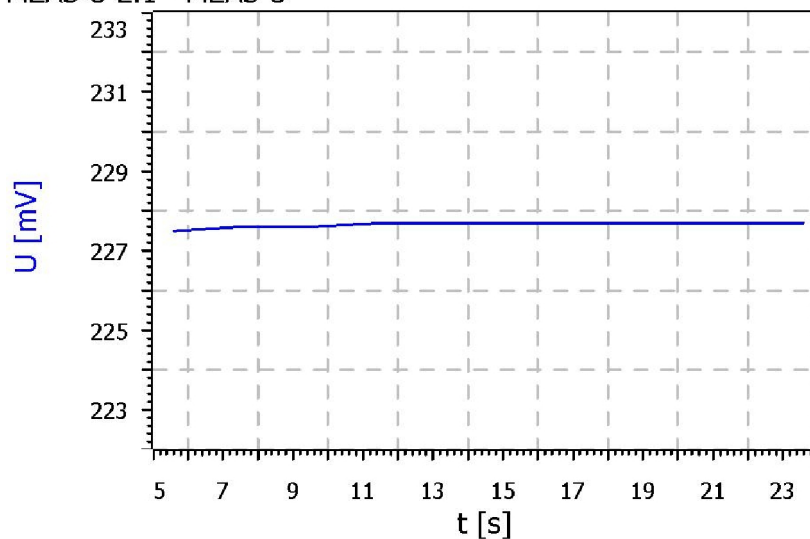
MEAS pmH.1 - MEAS pH



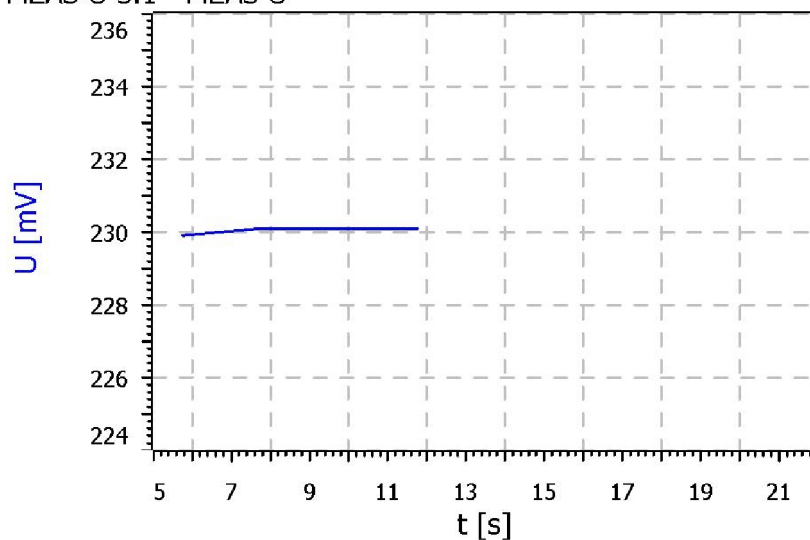
MEAS U 1.1 - MEAS U



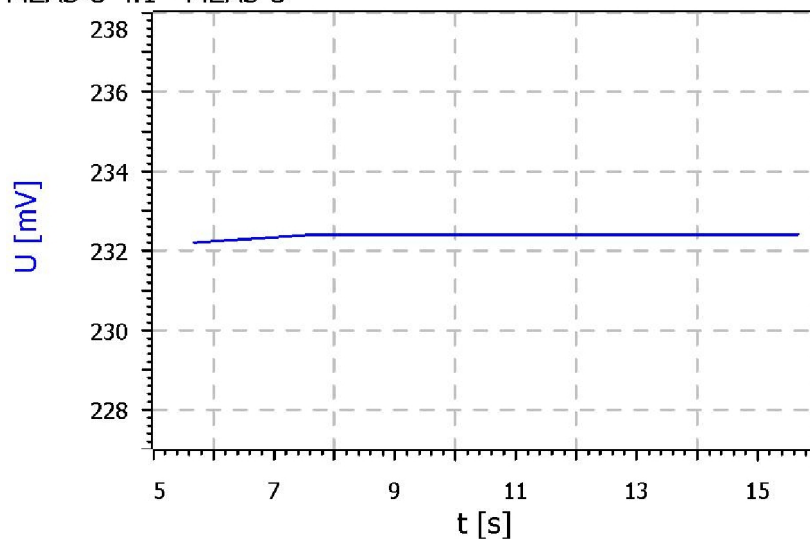
MEAS U 2.1 - MEAS U



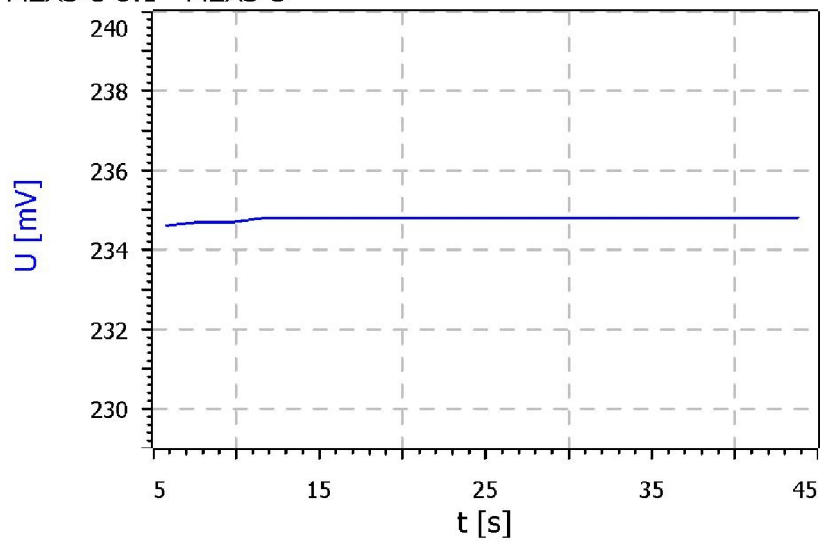
MEAS U 3.1 - MEAS U



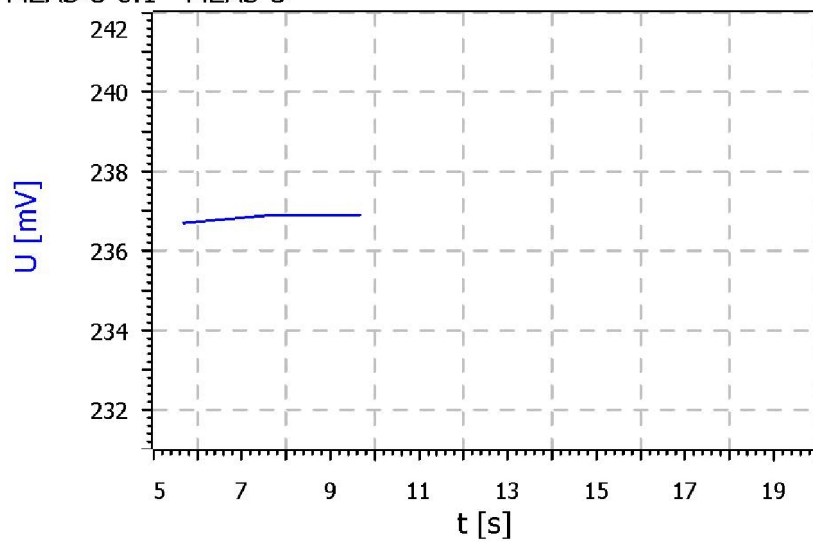
MEAS U 4.1 - MEAS U



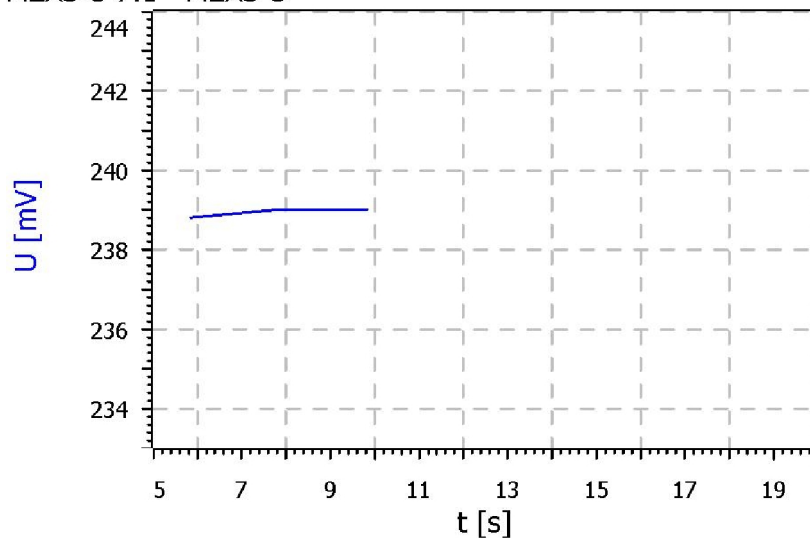
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

