

Appendix 2

Table 2. Borehole Magnetic Susceptibility data for well “New 35”

Elevation (m)	Magnetic Susceptibility (SI Unit)
329.81	0.0022608
329.8	0.0023864
329.79	0.0022608
329.78	0.0023864
329.77	0.00314
329.76	0.0016328
329.75	0.0023864
329.74	0.0027632
329.73	0.0026376
329.72	0.0021352
329.71	0.0021352
329.7	0.002512
329.69	0.0027632
329.68	0.0028888
329.67	0.0021352
329.66	0.0023864
329.65	0.0026376
329.64	0.0030144
329.63	0.0021352
329.62	0.0030144
329.61	0.003768
329.6	0.0026376
329.59	0.0041448
329.58	0.0038936
329.57	0.0042704
329.56	0.003768
329.55	0.0038936
329.54	0.0036424
329.53	0.003768
329.52	0.0035168
329.51	0.00314
329.5	0.0038936
329.49	0.0046472
329.48	0.0042704

329.47	0.0040192
329.46	0.0047728
329.45	0.004396
329.44	0.0028888
329.43	0.0045216
329.42	0.0042704
329.41	0.0054008
329.4	0.0048984
329.39	0.005652
329.38	0.0061544
329.37	0.00628
329.36	0.0079128
329.35	0.0092944
329.34	0.008164
329.33	0.008792
329.32	0.008164
329.31	0.0084152
329.3	0.0091688
329.29	0.0079128
329.28	0.0074104
329.27	0.0071592
329.26	0.0060288
329.25	0.0041448
329.24	0.0038936
329.23	0.0051496
329.22	0.004396
329.21	0.0040192
329.2	0.0038936
329.19	0.0046472
329.18	0.003768
329.17	0.0035168
329.16	0.00314
329.15	0.0045216
329.14	0.0045216
329.13	0.004396
329.12	0.0040192
329.11	0.0033912
329.1	0.0032656
329.09	0.0042704
329.08	0.0033912

329.07	0.0035168
329.02	0.0033912
328.97	0.0032656
328.92	0.00314
328.87	0.0042704
328.82	0.0042704
328.77	0.0041448
328.72	0.0040192
328.67	0.0033912
328.62	0.0038936
328.57	0.0041448
328.52	0.00314
328.47	0.00314
328.42	0.0032656
328.37	0.0038936
328.32	0.0040192
328.27	0.0038936
328.22	0.0030144
328.17	0.0028888
328.12	0.00314
328.07	0.0038936
328.02	0.00314
327.97	0.00314
327.92	0.0040192
327.87	0.00314
327.82	0.0041448
327.77	0.00314
327.72	0.00314
327.67	0.004396
327.62	0.0041448
327.57	0.004396
327.52	0.0042704
327.47	0.0038936
327.42	0.0042704
327.37	0.0035168
327.32	0.0033912
327.27	0.00314
327.22	0.0042704
327.17	0.0046472
327.12	0.0033912

327.07	0.0042704
327.02	0.0042704
326.97	0.0033912
326.92	0.00314
326.87	0.00314
326.82	0.00314
326.77	0.0040192
326.72	0.0030144
326.67	0.00314
326.62	0.00314
326.57	0.0033912
326.52	0.0033912
326.47	0.004396
326.42	0.0038936
326.37	0.00314
326.32	0.0041448
326.27	0.004396
326.22	0.0047728
326.17	0.0041448
326.12	0.0042704
326.07	0.0032656
326.02	0.00314
325.97	0.00314
325.92	0.0040192
325.87	0.00314
325.82	0.0032656
325.77	0.0036424
325.72	0.0032656
325.67	0.0033912
325.62	0.0041448
325.57	0.00314
325.52	0.00314
325.47	0.0033912
325.42	0.0030144
325.37	0.0028888
325.32	0.0028888
325.27	0.00314
325.22	0.0038936
325.17	0.0033912
325.12	0.00314

325.07	0.0033912
325.02	0.00314
324.97	0.00314
324.92	0.00314
324.87	0.00314
324.82	0.00314
324.77	0.00314
324.72	0.0032656
324.67	0.00314
324.62	0.0033912
324.57	0.0033912
324.52	0.0042704
324.47	0.0032656
324.42	0.0033912
324.37	0.0040192
324.32	0.0033912
324.27	0.00314
324.22	0.0033912
324.17	0.00314
324.12	0.0033912
324.07	0.0042704
324.02	0.0035168
323.97	0.0045216
323.95	0.0036424

Appendix 3

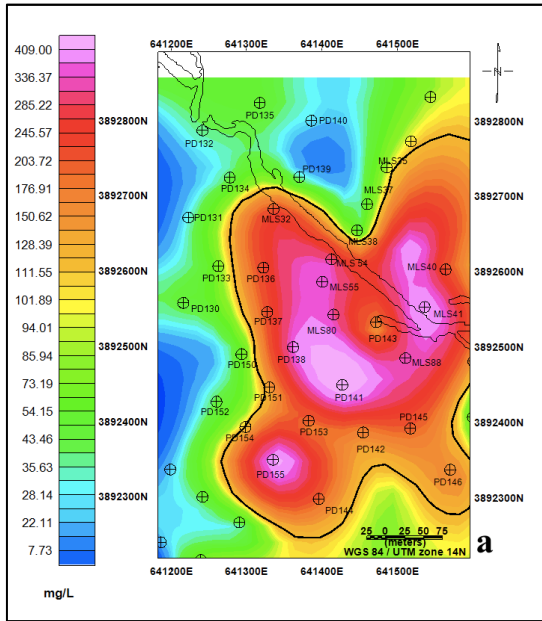


Figure 1.a Chloride distribution map at shallow depth

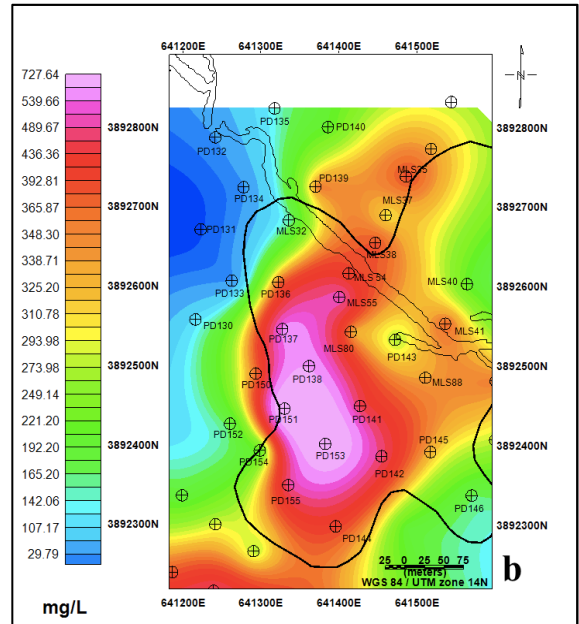


Figure 1.b Chloride distribution map at deep depth

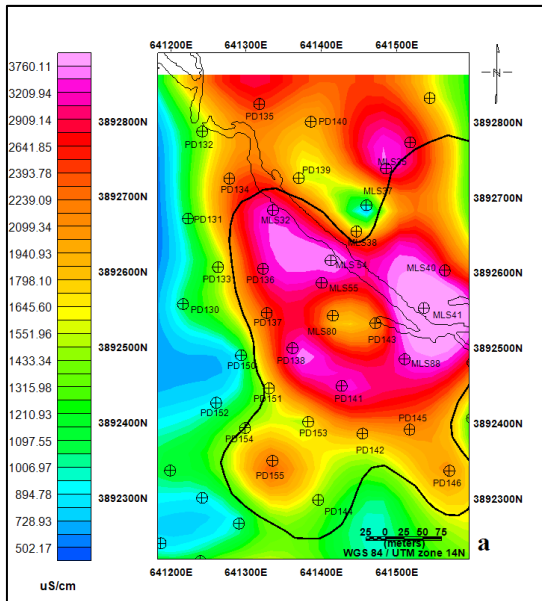


Figure 2.a Fluid specific conductance distribution map at shallow depth

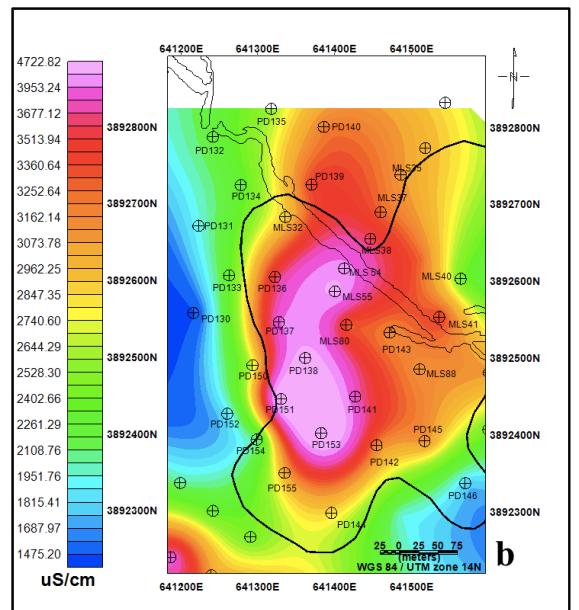


Figure 2.b Fluid specific conductance distribution map at deep depth

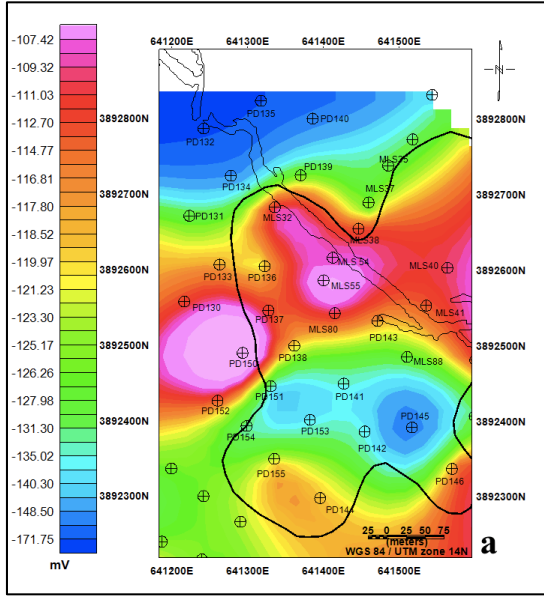


Figure 3.a Redox Potential (Eh) concentration map at shallow depth

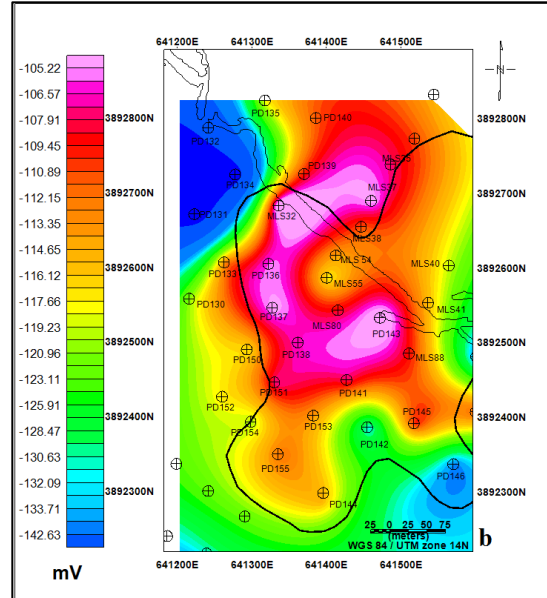


Figure 3.b Redox Potential (Eh) concentration map at deep depth

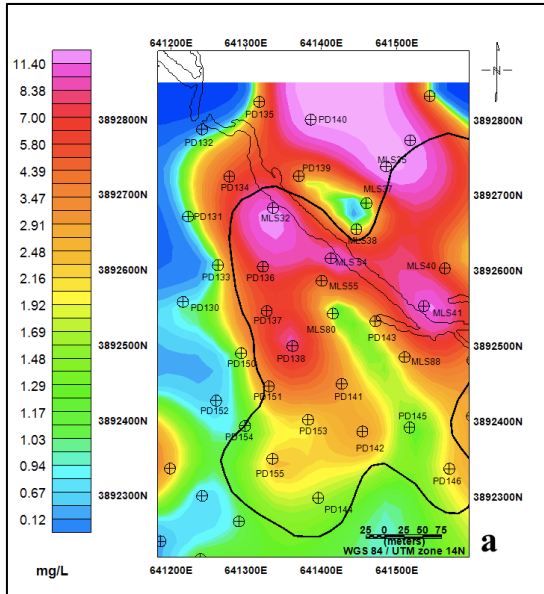


Figure 4.a Dissolved iron distribution map at shallow depth

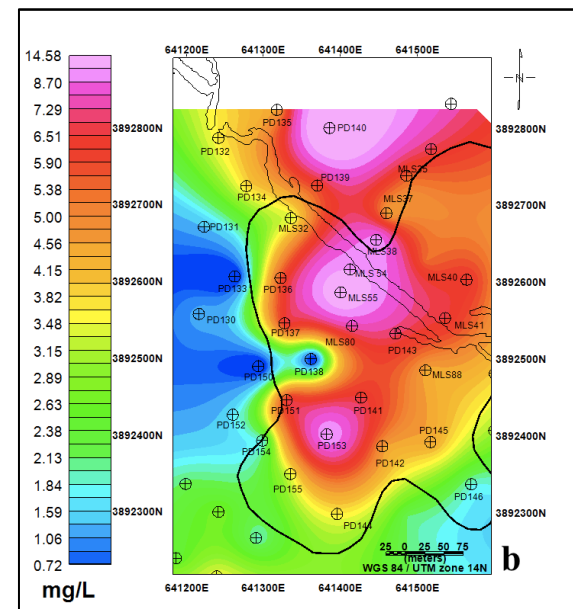


Figure 4.b Dissolved iron distribution map at deep depth

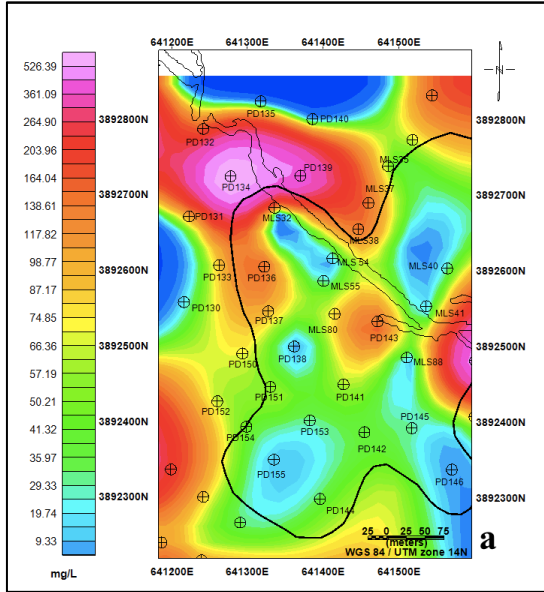


Figure 5.a Sulfate distribution map at shallow depth

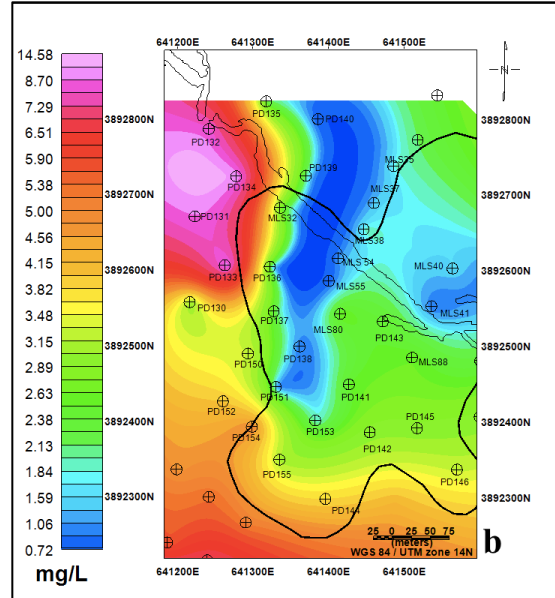


Figure 5.b Sulfate distribution map at deep depth

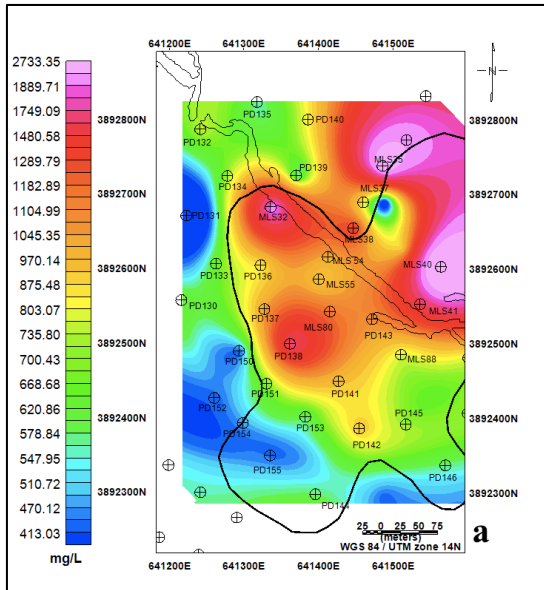


Figure 6.a Bicarbonate (HCO_3^-) distribution map at shallow depth

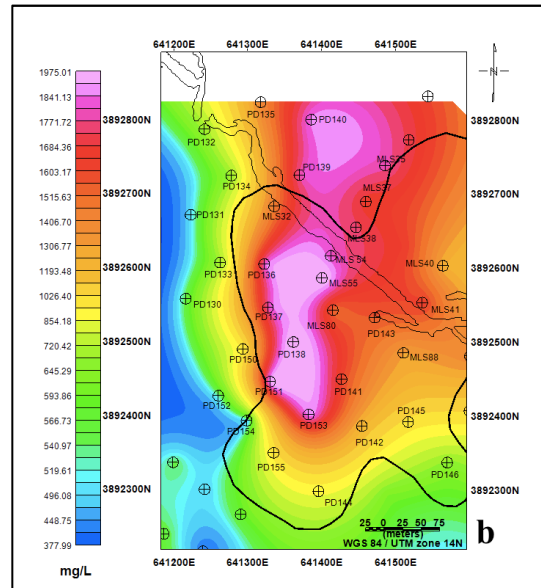


Figure 6.b Bicarbonate (HCO_3^-) distribution map at deep depth