

**Sagala Line-N4000**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	150	13.34	83.82	4.33
-1000	-950	-850	-800	2	150	3.87	97.26	1.53
-1000	-950	-800	-750	3	150	1.61	101.16	1.38
-1000	-950	-750	-700	4	150	1.54	193.52	4.31
-1000	-950	-700	-650	5	150	1.12	246.30	5.70
-950	-900	-850	-800	1	175	28.46	153.27	4.98
-950	-900	-800	-750	2	175	5.65	121.71	3.16
-950	-900	-750	-700	3	175	3.88	208.96	4.39
-950	-900	-700	-650	4	175	2.83	304.82	4.78
-950	-900	-650	-600	5	175	2.21	416.58	4.15
-900	-850	-800	-750	1	350	48.18	129.74	5.82
-900	-850	-750	-700	2	350	15.12	162.86	5.44
-900	-850	-700	-650	3	350	9.28	249.89	6.25
-900	-850	-650	-600	4	350	6.15	331.21	4.94
-900	-850	-600	-550	5	350	3.20	301.59	3.30
-850	-800	-750	-700	1	250	30.68	115.66	5.51
-850	-800	-700	-650	2	250	12.67	191.06	6.51
-850	-800	-650	-600	3	250	7.25	273.32	5.67
-850	-800	-600	-550	4	250	3.54	266.91	5.43
-850	-800	-550	-500	5	250	3.77	497.44	6.74
-800	-750	-700	-650	1	130	16.49	119.55	6.72
-800	-750	-650	-600	2	130	6.04	175.16	5.31
-800	-750	-600	-550	3	130	2.53	183.42	1.51
-800	-750	-550	-500	4	130	2.28	330.59	6.10
-800	-750	-500	-450	5	130	3.11	789.14	1.19
-750	-700	-650	-600	1	140	21.08	141.91	7.21
-750	-700	-600	-550	2	140	6.99	188.23	7.89
-750	-700	-550	-500	3	140	4.67	314.38	4.95
-750	-700	-500	-450	4	140	5.97	803.80	6.60
-750	-700	-450	-400	5	140	1.59	374.63	22.85
-700	-650	-600	-550	1	200	46.66	219.88	8.27
-700	-650	-550	-500	2	200	21.65	408.09	8.57
-700	-650	-500	-450	3	200	24.44	1151.71	8.49
-700	-650	-450	-400	4	200	5.44	512.71	6.66
-700	-650	-400	-350	5	200	2.47	407.39	15.58
-650	-600	-550	-500	1	250	44.41	167.42	8.18
-650	-600	-500	-450	2	250	43.79	660.34	7.10
-650	-600	-450	-400	3	250	8.39	316.30	7.18
-650	-600	-400	-350	4	250	2.62	197.54	10.76
-650	-600	-350	-300	5	250	1.47	193.96	6.65
-600	-550	-500	-450	1	330	171.77	490.57	6.98
-600	-550	-450	-400	2	330	25.24	288.34	7.21
-600	-550	-400	-350	3	330	6.98	199.35	5.98
-600	-550	-350	-300	4	330	3.32	189.64	7.26
-600	-550	-300	-250	5	330	2.40	239.90	0.20
-550	-500	-450	-400	1	510	220.27	407.06	7.12
-550	-500	-400	-350	2	510	41.34	305.58	9.25
-550	-500	-350	-300	3	510	15.70	290.14	6.33
-550	-500	-300	-250	4	510	9.85	364.06	6.42
-550	-500	-250	-200	5	510	5.92	382.90	5.77
-500	-450	-400	-350	1	330	178.18	508.88	7.96
-500	-450	-350	-300	2	330	54.07	617.69	5.82
-500	-450	-300	-250	3	330	28.41	811.39	5.68
-500	-450	-250	-200	4	330	16.70	953.90	4.98
-500	-450	-200	-150	5	330	15.77	1576.37	5.65

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Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	260	45.07	163.37	5.93
-450	-400	-300	-250	2	260	18.87	273.61	5.97
-450	-400	-250	-200	3	260	8.23	298.33	6.37
-450	-400	-200	-150	4	260	8.01	580.71	4.48
-450	-400	-150	-100	5	260	5.58	707.95	5.66
-400	-350	-300	-250	1	310	49.87	151.62	7.49
-400	-350	-250	-200	2	310	16.86	205.03	6.67
-400	-350	-200	-150	3	310	13.92	423.20	7.50
-400	-350	-150	-100	4	310	8.82	536.30	7.07
-400	-350	-100	-50	5	310	2.78	295.82	5.27
-350	-300	-250	-200	1	250	29.65	111.78	5.71
-350	-300	-200	-150	2	250	18.47	278.52	6.05
-350	-300	-150	-100	3	250	10.50	395.84	6.29
-350	-300	-100	-50	4	250	3.05	229.96	5.21
-350	-300	-50	0	5	250	2.14	282.37	5.34
-300	-250	-200	-150	1	200	39.99	188.45	6.04
-300	-250	-150	-100	2	200	16.29	307.06	5.93
-300	-250	-100	-50	3	200	4.18	196.98	5.68
-300	-250	-50	0	4	200	2.61	245.99	3.78
-300	-250	0	50	5	200	3.31	545.93	6.40
-250	-200	-150	-100	1	180	47.59	249.18	4.45
-250	-200	-100	-50	2	180	9.49	198.76	4.49
-250	-200	-50	0	3	180	4.84	253.42	3.96
-250	-200	0	50	4	180	4.95	518.36	5.26
-250	-200	50	100	5	180	1.65	302.38	5.19
-200	-150	-100	-50	1	280	72.35	243.53	6.81
-200	-150	-50	0	2	280	29.55	397.86	6.42
-200	-150	0	50	3	280	26.41	888.96	8.03
-200	-150	50	100	4	280	8.12	546.64	6.96
-200	-150	100	150	5	280	2.29	269.78	3.01
-150	-100	-50	0	1	550	149.81	256.71	7.49
-150	-100	0	50	2	550	98.09	672.35	9.43
-150	-100	50	100	3	550	27.88	477.75	8.40
-150	-100	100	150	4	550	8.07	276.57	4.88
-150	-100	150	200	5	550	5.50	329.87	5.56
-100	-50	0	50	1	510	143.63	265.43	8.75
-100	-50	50	100	2	510	30.52	225.60	7.62
-100	-50	100	150	3	510	6.87	126.96	3.82
-100	-50	150	200	4	510	4.09	151.17	5.01
-100	-50	200	250	5	510	3.73	241.26	5.64
-50	0	50	100	1	400	111.14	261.87	9.08
-50	0	100	150	2	400	18.24	171.91	5.09
-50	0	150	200	3	400	8.44	198.86	5.13
-50	0	200	250	4	400	6.70	315.73	4.74
-50	0	250	300	5	400	4.44	366.15	6.35
0	50	100	150	1	300	54.65	171.69	7.99
0	50	150	200	2	300	20.70	260.12	7.61
0	50	200	250	3	300	13.07	410.61	6.83
0	50	250	300	4	300	8.14	511.45	8.19
0	50	300	350	5	300	5.03	553.08	6.91
50	100	150	200	1	350	35.39	95.30	6.50
50	100	200	250	2	350	15.23	164.04	5.18
50	100	250	300	3	350	8.22	221.35	5.81
50	100	300	350	4	350	4.65	250.43	5.09
50	100	350	400	5	350	2.50	235.62	3.60

### Sagala Line-N4000

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	360	34.18	89.48	6.01
100	150	250	300	2	360	11.38	119.17	4.95
100	150	300	350	3	360	5.46	142.94	4.02
100	150	350	400	4	360	2.72	142.42	-17.18
100	150	400	450	5	360	1.83	167.68	36.65
150	200	250	300	1	400	48.38	113.99	10.36
150	200	300	350	2	400	13.68	128.93	5.66
150	200	350	400	3	400	5.60	131.95	5.40
150	200	400	450	4	400	3.81	179.54	3.57
150	200	450	500	5	400	2.62	216.06	5.87
200	250	300	350	1	180	19.25	100.79	4.69
200	250	350	400	2	180	5.23	109.54	3.98
200	250	400	450	3	180	3.10	162.32	2.72
200	250	450	500	4	180	1.99	208.39	3.85
200	250	500	550	5	180	1.38	252.90	5.31
250	300	350	400	1	120	7.05	55.37	3.95
250	300	400	450	2	120	2.83	88.91	4.21
250	300	450	500	3	120	1.59	124.88	1.12
250	300	500	550	4	120	1.03	161.79	2.43
250	300	550	600	5	120	0.69	189.67	1.26
300	350	400	450	1	120	6.44	50.58	4.25
300	350	450	500	2	120	2.57	80.74	2.20
300	350	500	550	3	120	1.47	115.45	2.22
300	350	550	600	4	120	0.90	141.37	7.93
300	350	600	650	5	120	0.64	175.93	2.86
350	400	450	500	1	150	8.90	55.92	3.72
350	400	500	550	2	150	3.58	89.98	2.11
350	400	550	600	3	150	1.86	116.87	2.46
350	400	600	650	4	150	1.06	133.20	3.09
350	400	650	700	5	150	0.82	180.33	2.98
400	450	500	550	1	150	9.49	59.63	2.79
400	450	550	600	2	150	3.44	86.46	1.97
400	450	600	650	3	150	1.68	105.56	2.29
400	450	650	700	4	150	1.19	149.54	2.94
400	450	700	750	5	150	0.68	149.54	2.48
450	500	550	600	1	175	10.25	55.20	2.71
450	500	600	650	2	175	3.79	81.65	4.29
450	500	650	700	3	175	2.35	126.56	3.19
450	500	700	750	4	175	1.25	134.64	2.66
450	500	750	800	5	175	0.99	186.61	3.61
500	550	600	650	1	230	10.69	43.80	2.54
500	550	650	700	2	230	5.07	83.10	2.41
500	550	700	750	3	230	2.43	99.57	2.04
500	550	750	800	4	230	1.81	148.34	1.43
500	550	800	850	5	230	1.19	170.67	1.18
550	600	650	700	1	380	21.80	54.07	2.82
550	600	700	750	2	380	8.32	82.54	2.96
550	600	750	800	3	380	5.61	139.14	3.81
550	600	800	850	4	380	3.45	171.13	3.87
550	600	850	900	5	380	2.60	225.70	5.51
600	650	700	750	1	580	29.86	48.52	2.94
600	650	750	800	2	580	15.67	101.85	3.66
600	650	800	850	3	580	8.53	138.61	3.84
600	650	850	900	4	580	5.88	191.10	4.68
600	650	900	950	5	580	4.32	245.69	5.56

**Sagala Line-N4000**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	380	27.49	68.18	3.28
650	700	800	850	2	380	11.57	114.78	3.51
650	700	850	900	3	380	6.82	169.15	3.98
650	700	900	950	4	380	4.59	227.68	4.34
650	700	950	1000	5	380	2.94	255.21	6.71
700	750	800	850	1	540	34.20	59.69	2.80
700	750	850	900	2	540	15.49	108.14	3.90
700	750	900	950	3	540	9.40	164.06	4.61
700	750	950	1000	4	540	5.25	183.26	5.22
700	750	1000	1050	5	540	2.82	172.26	4.84
750	800	850	900	1	1100	72.74	62.32	3.88
750	800	900	950	2	1100	34.18	117.14	4.79
750	800	950	1000	3	1100	16.23	139.06	5.83
750	800	1000	1050	4	1100	8.09	138.63	6.09
750	800	1050	1100	5	1100	7.55	226.41	5.91
800	850	900	950	1	980	78.04	75.05	4.49
800	850	950	1000	2	980	28.19	108.44	5.81
800	850	1000	1050	3	980	12.33	118.58	6.02
800	850	1050	1100	4	980	9.59	184.46	5.75
800	850	1100	1150	5	980	7.10	238.99	5.53
850	900	950	1000	1	900	70.50	73.83	5.37
850	900	1000	1050	2	900	22.40	93.83	6.21
850	900	1050	1100	3	900	15.83	165.77	6.23
850	900	1100	1150	4	900	10.55	220.96	5.64
850	900	1150	1200	5	900	6.75	247.40	6.19
900	950	1000	1050	1	930	62.30	63.14	6.49
900	950	1050	1100	2	930	31.87	129.19	6.97
900	950	1100	1150	3	930	18.45	186.98	6.83
900	950	1150	1200	4	930	10.65	215.86	7.30
900	950	1200	1250	5	930	7.88	279.50	7.94
950	1000	1050	1100	1	1400	121.90	82.06	5.49
950	1000	1100	1150	2	1400	55.13	148.45	5.64
950	1000	1150	1200	3	1400	26.37	177.52	6.08
950	1000	1200	1250	4	1400	17.99	242.22	6.47
950	1000	1250	1300	5	1400	12.48	294.05	6.82
1000	1050	1100	1150	1	1700	159.18	88.25	4.77
1000	1050	1150	1200	2	1700	59.73	132.46	5.14
1000	1050	1200	1250	3	1700	35.17	194.98	5.62
1000	1050	1250	1300	4	1700	21.96	243.49	6.20
1000	1050	1300	1350	5	1700	14.86	288.34	4.55
1050	1100	1150	1200	1	1550	137.96	83.89	4.48
1050	1100	1200	1250	2	1550	64.37	156.56	4.97
1050	1100	1250	1300	3	1550	36.73	223.34	5.49
1050	1100	1300	1350	4	1550	21.78	264.87	5.10
1050	1100	1350	1400	5	1550	16.09	342.42	5.58
1100	1150	1200	1250	1	1450	123.56	80.31	4.32
1100	1150	1250	1300	2	1450	59.03	153.47	4.71
1100	1150	1300	1350	3	1450	29.38	190.97	4.41
1100	1150	1350	1400	4	1450	21.46	278.97	4.53
1100	1150	1400	1450	5	1450	15.50	352.62	4.03
1150	1200	1250	1300	1	2000	156.45	73.73	5.58
1150	1200	1300	1350	2	2000	58.32	109.93	5.04
1150	1200	1350	1400	3	2000	38.56	181.71	5.14
1150	1200	1400	1450	4	2000	25.96	244.67	4.79
1150	1200	1450	1500	5	2000	14.95	246.58	4.62

**Sagala Line-N4000**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	1500	100.69	63.27	5.25
1200	1250	1350	1400	2	1500	45.21	113.63	5.42
1200	1250	1400	1450	3	1500	26.74	168.01	4.78
1200	1250	1450	1500	4	1500	14.35	180.33	4.48
1200	1250	1500	1550	5	1500	9.29	204.30	6.63
1250	1300	1350	1400	1	1500	123.96	77.89	5.42
1250	1300	1400	1450	2	1500	53.36	134.11	4.70
1250	1300	1450	1500	3	1500	24.24	152.30	4.54
1250	1300	1500	1550	4	1500	14.30	179.70	5.85
1250	1300	1550	1600	5	1500	12.48	274.45	5.95
1300	1350	1400	1450	1	1600	122.67	72.26	4.28
1300	1350	1450	1500	2	1600	42.23	99.50	4.16
1300	1350	1500	1550	3	1600	21.49	126.59	4.99
1300	1350	1550	1600	4	1600	16.55	194.98	4.80
1300	1350	1600	1650	5	1600	10.49	216.27	4.13
1350	1400	1450	1500	1	1200	95.09	74.68	4.51
1350	1400	1500	1550	2	1200	33.87	106.41	5.20
1350	1400	1550	1600	3	1200	20.71	162.66	4.74
1350	1400	1600	1650	4	1200	11.55	181.43	4.06
1350	1400	1650	1700	5	1200	6.09	167.41	2.96
1400	1450	1500	1550	1	1100	103.03	88.28	4.48
1400	1450	1550	1600	2	1100	40.27	138.01	4.07
1400	1450	1600	1650	3	1100	18.93	162.19	3.25
1400	1450	1650	1700	4	1100	9.10	155.94	2.92
1400	1450	1700	1750	5	1100	8.49	254.60	3.41
1450	1500	1550	1600	1	900	61.39	64.29	3.90
1450	1500	1600	1650	2	900	22.13	92.70	3.15
1450	1500	1650	1700	3	900	9.24	96.76	2.67
1450	1500	1700	1750	4	900	7.56	158.34	3.60
1450	1500	1750	1800	5	900	6.09	223.21	3.69
1500	1550	1600	1650	1	560	28.33	47.68	3.14
1500	1550	1650	1700	2	560	9.10	61.26	2.86
1500	1550	1700	1750	3	560	6.18	104.01	3.85
1500	1550	1750	1800	4	560	4.64	156.18	3.91
1500	1550	1800	1850	5	560	2.90	170.82	2.90
1550	1600	1650	1700	1	550	28.67	49.13	2.72
1550	1600	1700	1750	2	550	14.52	99.53	3.45
1550	1600	1750	1800	3	550	9.00	154.22	2.87
1550	1600	1800	1850	4	550	5.26	180.27	2.85
1550	1600	1850	1900	5	550	2.64	158.34	2.10
1600	1650	1700	1750	1	950	59.44	58.97	3.94
1600	1650	1750	1800	2	950	25.37	100.68	3.00
1600	1650	1800	1850	3	950	13.18	130.76	2.29
1600	1650	1850	1900	4	950	6.15	122.03	4.83
1600	1650	1900	1950	5	950	5.71	198.27	3.06
1650	1700	1750	1800	1	1500	83.87	52.70	3.05
1650	1700	1800	1850	2	1500	31.78	79.87	2.67
1650	1700	1850	1900	3	1500	12.64	79.42	2.43
1650	1700	1900	1950	4	1500	10.40	130.69	2.56
1650	1700	1950	2000	5	1500	8.64	190.00	2.88
1700	1750	1800	1850	1	1000	71.93	67.79	3.51
1700	1750	1850	1900	2	1000	20.75	78.23	3.19
1700	1750	1900	1950	3	1000	14.16	133.45	2.93
1700	1750	1950	2000	4	1000	10.87	204.89	3.29
1750	1800	1850	1900	1	670	37.56	52.84	2.83

### Sagala Line-N4000

Curr.Elect		Pot:Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	670	18.79	105.73	2.53
1750	1800	1950	2000	3	670	12.63	177.66	2.92
1800	1850	1900	1950	1	770	37.62	46.05	2.66
1800	1850	1950	2000	2	770	20.54	100.56	2.74
1850	1900	1950	2000	1	970	38.71	37.61	2.80

**Sagala Line-N3750**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	80	17.19	202.51	21.47
-1000	-950	-850	-800	2	80	2.32	109.33	3.80
-1000	-950	-800	-750	3	80	1.98	233.26	1.03
-1000	-950	-750	-700	4	80	1.34	315.73	4.17
-1000	-950	-700	-650	5	80	0.96	395.84	4.12
-950	-900	-850	-800	1	60	10.73	168.55	13.69
-950	-900	-800	-750	2	60	3.50	219.91	4.07
-950	-900	-750	-700	3	60	2.13	334.58	2.72
-950	-900	-700	-650	4	60	1.46	458.67	-0.74
-950	-900	-650	-600	5	60	0.82	450.82	7.98
-900	-850	-800	-750	1	55	14.61	250.36	11.44
-900	-850	-750	-700	2	55	4.39	300.91	1.45
-900	-850	-700	-650	3	55	2.78	476.38	2.38
-900	-850	-650	-600	4	55	1.54	527.79	8.41
-900	-850	-600	-550	5	55	0.85	509.79	-6.42
-850	-800	-750	-700	1	55	14.09	241.45	9.81
-850	-800	-700	-650	2	55	4.75	325.58	4.47
-850	-800	-650	-600	3	55	2.45	419.83	4.32
-850	-800	-600	-550	4	55	1.29	442.11	3.87
-850	-800	-550	-500	5	55	2.25	1349.46	3.65
-800	-750	-700	-650	1	80	20.49	241.39	9.51
-800	-750	-650	-600	2	80	5.81	273.79	3.56
-800	-750	-600	-550	3	80	2.69	316.91	6.00
-800	-750	-550	-500	4	80	4.48	1055.58	3.77
-800	-750	-500	-450	5	80	1.83	754.57	3.25
-750	-700	-650	-600	1	120	28.98	227.61	14.91
-750	-700	-600	-550	2	120	5.81	182.53	5.28
-750	-700	-550	-500	3	120	8.63	677.80	5.22
-750	-700	-500	-450	4	120	3.44	540.35	1.99
-750	-700	-450	-400	5	120	0.99	272.14	3.87
-700	-650	-600	-550	1	150	22.86	143.63	15.08
-700	-650	-550	-500	2	150	18.11	455.15	6.97
-700	-650	-500	-450	3	150	6.76	424.74	4.12
-700	-650	-450	-400	4	150	1.74	218.65	4.59
-700	-650	-400	-350	5	150	1.67	367.25	5.96
-650	-600	-550	-500	1	100	20.99	197.83	8.89
-650	-600	-500	-450	2	100	6.05	228.08	2.96
-650	-600	-450	-400	3	100	1.33	125.35	3.44
-650	-600	-400	-350	4	100	1.20	226.19	4.82
-650	-600	-350	-300	5	100	1.13	372.75	5.99
-600	-550	-500	-450	1	100	22.90	215.83	5.58
-600	-550	-450	-400	2	100	2.99	112.72	3.65
-600	-550	-400	-350	3	100	2.38	224.31	4.93
-600	-550	-350	-300	4	100	2.14	403.38	5.87
-600	-550	-300	-250	5	100	1.77	583.86	4.01
-550	-500	-450	-400	1	225	45.65	191.22	8.50
-550	-500	-400	-350	2	225	23.40	392.07	5.59
-550	-500	-350	-300	3	225	19.42	813.46	6.59
-550	-500	-300	-250	4	225	13.99	1172.02	5.03
-550	-500	-250	-200	5	225	10.97	1608.29	5.74
-500	-450	-400	-350	1	175	36.99	199.21	15.67
-500	-450	-350	-300	2	175	10.51	226.41	3.23
-500	-450	-300	-250	3	175	7.47	402.30	1.44
-500	-450	-250	-200	4	175	5.20	560.10	3.07
-500	-450	-200	-150	5	175	2.85	537.21	2.97

**Sagala Line-N3750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	170	12.63	70.02	3.58
-450	-400	-300	-250	2	170	6.24	138.38	1.97
-450	-400	-250	-200	3	170	3.70	205.13	3.03
-450	-400	-200	-150	4	170	1.98	219.54	3.08
-450	-400	-150	-100	5	170	0.95	184.34	3.92
-400	-350	-300	-250	1	250	39.22	147.86	3.75
-400	-350	-250	-200	2	250	16.26	245.20	3.88
-400	-350	-200	-150	3	250	8.13	306.49	3.37
-400	-350	-150	-100	4	250	3.65	275.20	3.73
-400	-350	-100	-50	5	250	2.03	267.85	4.57
-350	-300	-250	-200	1	500	118.45	223.27	5.22
-350	-300	-200	-150	2	500	43.18	325.57	4.79
-350	-300	-150	-100	3	500	18.31	345.14	5.58
-350	-300	-100	-50	4	500	9.38	353.62	6.56
-350	-300	-50	0	5	500	4.84	319.31	3.51
-300	-250	-200	-150	1	1250	323.01	243.54	3.72
-300	-250	-150	-100	2	1250	101.81	307.05	4.51
-300	-250	-100	-50	3	1250	44.99	339.22	5.34
-300	-250	-50	0	4	1250	23.47	353.92	4.67
-300	-250	0	50	5	1250	15.11	398.74	4.41
-250	-200	-150	-100	1	650	113.03	163.89	5.27
-250	-200	-100	-50	2	650	38.22	221.67	6.35
-250	-200	-50	0	3	650	16.81	243.74	5.78
-250	-200	0	50	4	650	10.12	293.47	5.51
-250	-200	50	100	5	650	7.46	378.59	5.19
-200	-150	-100	-50	1	500	61.66	116.23	5.08
-200	-150	-50	0	2	500	19.32	145.67	4.47
-200	-150	0	50	3	500	9.72	183.22	3.93
-200	-150	50	100	4	500	6.36	239.77	4.01
-200	-150	100	150	5	500	4.56	300.84	3.45
-150	-100	-50	0	1	400	26.53	62.51	4.39
-150	-100	0	50	2	400	9.82	92.55	4.76
-150	-100	50	100	3	400	5.40	127.23	4.27
-150	-100	100	150	4	400	3.59	169.17	3.50
-150	-100	150	200	5	400	2.70	222.66	2.46
-100	-50	0	50	1	300	19.14	60.13	4.37
-100	-50	50	100	2	300	7.29	91.61	4.14
-100	-50	100	150	3	300	4.09	128.49	3.29
-100	-50	150	200	4	300	2.80	175.93	2.19
-100	-50	200	250	5	300	2.37	260.60	3.31
-50	0	50	100	1	300	19.18	60.26	5.08
-50	0	100	150	2	300	7.51	94.37	3.77
-50	0	150	200	3	300	4.26	133.83	3.44
-50	0	200	250	4	300	3.36	211.12	3.91
-50	0	250	300	5	300	1.80	197.92	3.62
0	50	100	150	1	175	11.40	61.40	3.35
0	50	150	200	2	175	4.87	104.91	3.18
0	50	200	250	3	175	3.34	179.88	4.01
0	50	250	300	4	175	1.68	180.96	4.04
0	50	300	350	5	175	1.07	201.69	3.99
50	100	150	200	1	120	7.38	57.96	2.41
50	100	200	250	2	120	3.89	122.21	5.40
50	100	250	300	3	120	1.73	135.87	5.80
50	100	300	350	4	120	1.03	161.79	4.67
50	100	350	400	5	120	0.73	200.67	1.65



**Sagala Line-N3750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	120	8.29	65.11	2.72
100	150	250	300	2	120	2.71	85.14	8.55
100	150	300	350	3	120	1.45	113.88	2.24
100	150	350	400	4	120	0.93	146.08	2.07
100	150	400	450	5	120	0.83	228.16	2.47
150	200	250	300	1	120	7.49	58.83	2.69
150	200	300	350	2	120	2.88	90.48	2.50
150	200	350	400	3	120	1.52	119.38	3.93
150	200	400	450	4	120	1.27	199.49	2.49
150	200	450	500	5	120	0.76	208.92	5.76
200	250	300	350	1	150	7.51	47.19	2.44
200	250	350	400	2	150	3.19	80.17	2.13
200	250	400	450	3	150	2.30	144.51	3.54
200	250	450	500	4	150	1.28	160.85	2.49
200	250	500	550	5	150	1.03	226.51	4.55
250	300	350	400	1	150	9.03	56.74	2.77
250	300	400	450	2	150	4.40	110.58	4.79
250	300	450	500	3	150	2.02	126.92	3.55
250	300	500	550	4	150	1.47	184.73	4.35
250	300	550	600	5	150	0.98	215.51	4.13
300	350	400	450	1	170	10.73	59.49	2.49
300	350	450	500	2	170	3.66	81.16	2.21
300	350	500	550	3	170	2.34	129.73	2.80
300	350	550	600	4	170	1.46	161.88	2.29
300	350	600	650	5	170	0.63	122.24	2.16
350	400	450	500	1	250	13.34	50.29	1.42
350	400	500	550	2	250	6.20	93.49	3.68
350	400	550	600	3	250	3.45	130.06	2.98
350	400	600	650	4	250	1.24	93.49	1.49
350	400	650	700	5	250	0.99	130.63	2.22
400	450	500	550	1	300	25.47	80.02	4.46
400	450	550	600	2	300	10.74	134.96	4.43
400	450	600	650	3	300	3.37	105.87	2.64
400	450	650	700	4	300	2.51	157.71	3.05
400	450	700	750	5	300	2.76	303.48	4.07
450	500	550	600	1	310	22.61	68.74	3.12
450	500	600	650	2	310	5.26	63.97	0.41
450	500	650	700	3	310	3.34	101.54	1.48
450	500	700	750	4	310	3.41	207.35	1.28
450	500	750	800	5	310	1.83	194.73	0.43
500	550	600	650	1	350	17.27	46.50	3.46
500	550	650	700	2	350	8.35	89.94	3.78
500	550	700	750	3	350	7.53	202.77	5.22
500	550	750	800	4	350	3.67	197.65	5.14
500	550	800	850	5	350	2.46	231.85	4.05
550	600	650	700	1	460	26.58	54.46	3.66
550	600	700	750	2	460	17.54	143.75	5.17
550	600	750	800	3	460	7.52	154.07	6.20
550	600	800	850	4	460	4.67	191.36	5.82
550	600	850	900	5	460	3.57	256.01	7.23
600	650	700	750	1	470	31.44	63.05	3.42
600	650	750	800	2	470	10.10	81.01	4.19
600	650	800	850	3	470	5.61	112.50	4.93
600	650	850	900	4	470	3.97	159.22	5.00
600	650	900	950	5	470	2.73	191.60	3.64

**Sagala Line-N3750**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	400	26.65	62.79	3.78
650	700	800	850	2	400	10.59	99.81	6.26
650	700	850	900	3	400	6.37	150.09	5.47
650	700	900	950	4	400	4.03	189.91	7.03
650	700	950	1000	5	400	3.45	284.51	6.53
700	750	800	850	1	330	41.91	119.69	9.42
700	750	850	900	2	330	16.08	183.70	6.73
700	750	900	950	3	330	8.74	249.61	6.87
700	750	950	1000	4	330	6.70	382.70	6.57
700	750	1000	1050	5	330	3.16	315.87	8.41
750	800	850	900	1	550	56.84	97.40	4.29
750	800	900	950	2	550	23.72	162.59	5.10
750	800	950	1000	3	550	15.19	260.30	6.06
750	800	1000	1050	4	550	6.38	218.65	3.76
750	800	1050	1100	5	550	4.78	286.68	4.14
800	850	900	950	1	760	102.76	127.43	4.25
800	850	950	1000	2	760	49.56	245.84	4.82
800	850	1000	1050	3	760	18.04	223.71	3.14
800	850	1050	1100	4	760	12.38	307.05	3.33
800	850	1100	1150	5	760	7.76	336.81	2.88
850	900	950	1000	1	200	34.83	164.13	3.87
850	900	1000	1050	2	200	10.28	193.77	2.77
850	900	1050	1100	3	200	6.00	282.74	3.17
850	900	1100	1150	4	200	3.41	321.38	4.22
850	900	1150	1200	5	200	1.99	328.22	7.30
900	950	1000	1050	1	150	15.22	95.63	1.78
900	950	1050	1100	2	150	6.76	169.90	2.10
900	950	1100	1150	3	150	3.45	216.77	3.96
900	950	1150	1200	4	150	1.89	237.50	3.58
900	950	1200	1250	5	150	0.84	184.73	6.68
950	1000	1050	1100	1	240	30.45	119.58	2.74
950	1000	1100	1150	2	240	11.94	187.55	2.25
950	1000	1150	1200	3	240	5.88	230.91	4.49
950	1000	1200	1250	4	240	2.38	186.92	4.50
950	1000	1250	1300	5	240	2.35	322.99	2.23
1000	1050	1100	1150	1	600	49.13	77.17	1.83
1000	1050	1150	1200	2	600	19.96	125.41	4.57
1000	1050	1200	1250	3	600	6.41	100.69	5.71
1000	1050	1250	1300	4	600	6.21	195.09	6.57
1000	1050	1300	1350	5	600	4.49	246.85	4.11
1050	1100	1150	1200	1	670	81.81	115.08	5.05
1050	1100	1200	1250	2	670	18.35	103.25	6.63
1050	1100	1250	1300	3	670	14.66	206.22	7.14
1050	1100	1300	1350	4	670	10.02	281.90	7.38
1050	1100	1350	1400	5	670	7.98	392.89	10.18
1100	1150	1200	1250	1	590	44.23	70.65	7.48
1100	1150	1250	1300	2	590	24.99	159.68	7.93
1100	1150	1300	1350	3	590	15.17	242.33	9.11
1100	1150	1350	1400	4	590	10.91	348.56	10.46
1100	1150	1400	1450	5	590	7.57	423.24	10.74
1150	1200	1250	1300	1	860	73.12	80.13	8.57
1150	1200	1300	1350	2	860	34.11	149.53	10.93
1150	1200	1350	1400	3	860	21.67	237.48	10.82
1150	1200	1400	1450	4	860	13.99	306.63	11.67
1150	1200	1450	1500	5	860	8.20	314.52	10.25

**Sagala Line-N3750**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	320	29.26	86.18	6.23
1200	1250	1350	1400	2	320	13.50	159.04	6.13
1200	1250	1400	1450	3	320	7.19	211.76	7.29
1200	1250	1450	1500	4	320	3.77	222.07	5.74
1200	1250	1500	1550	5	320	1.58	162.87	6.23
1250	1300	1350	1400	1	160	27.84	163.99	7.08
1250	1300	1400	1450	2	160	11.36	267.66	6.79
1250	1300	1450	1500	3	160	4.96	292.17	5.73
1250	1300	1500	1550	4	160	1.83	215.59	6.21
1250	1300	1550	1600	5	160	1.53	315.44	1.87
1300	1350	1400	1450	1	220	43.91	188.11	9.47
1300	1350	1450	1500	2	220	12.81	219.51	5.63
1300	1350	1500	1550	3	220	3.77	161.51	4.45
1300	1350	1550	1600	4	220	3.00	257.04	8.09
1300	1350	1600	1650	5	220	1.48	221.91	-10.75
1350	1400	1450	1500	1	320	67.99	200.25	10.61
1350	1400	1500	1550	2	320	11.99	141.25	4.46
1350	1400	1550	1600	3	320	8.27	243.57	6.13
1350	1400	1600	1650	4	320	3.83	225.61	1.93
1350	1400	1650	1700	5	320	2.76	284.51	2.44
1400	1450	1500	1550	1	450	52.83	110.65	7.14
1400	1450	1550	1600	2	450	23.83	199.64	6.97
1400	1450	1600	1650	3	450	9.54	199.81	5.14
1400	1450	1650	1700	4	450	6.20	259.70	7.30
1400	1450	1700	1750	5	450	6.56	480.87	8.60
1450	1500	1550	1600	1	450	50.26	105.26	6.56
1450	1500	1600	1650	2	450	15.62	130.86	5.65
1450	1500	1650	1700	3	450	8.56	179.28	5.55
1450	1500	1700	1750	4	450	8.63	361.49	5.37
1450	1500	1750	1800	5	450	7.24	530.72	5.18
1500	1550	1600	1650	1	370	21.47	54.69	3.42
1500	1550	1650	1700	2	370	8.05	82.02	4.94
1500	1550	1700	1750	3	370	7.23	184.17	4.14
1500	1550	1750	1800	4	370	5.34	272.04	2.75
1500	1550	1800	1850	5	370	3.05	271.92	4.35
1550	1600	1650	1700	1	580	46.70	75.89	5.91
1550	1600	1700	1750	2	580	24.53	159.44	5.80
1550	1600	1750	1800	3	580	16.63	270.23	5.58
1550	1600	1800	1850	4	580	9.00	292.49	5.10
1550	1600	1850	1900	5	580	8.28	470.91	5.54
1600	1650	1700	1750	1	310	32.84	99.84	6.04
1600	1650	1750	1800	2	310	15.02	182.66	5.72
1600	1650	1800	1850	3	310	7.11	216.16	5.27
1600	1650	1850	1900	4	310	5.87	356.93	4.90
1600	1650	1900	1950	5	310	3.29	350.08	6.00
1650	1700	1750	1800	1	290	43.36	140.92	8.09
1650	1700	1800	1850	2	290	15.31	199.03	7.61
1650	1700	1850	1900	3	290	10.54	342.54	7.64
1650	1700	1900	1950	4	290	6.09	395.84	7.69
1650	1700	1950	2000	5	290	3.05	346.93	8.16
1700	1750	1800	1850	1	550	96.19	164.83	6.94
1700	1750	1850	1900	2	550	57.11	391.45	8.12
1700	1750	1900	1950	3	550	27.83	476.89	7.43
1700	1750	1950	2000	4	550	13.86	475.01	7.26
1750	1800	1850	1900	1	840	203.83	228.70	8.67

### Sagala Line-N3750

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	840	66.12	296.75	7.82
1750	1800	1950	2000	3	840	33.86	379.91	8.13
1800	1850	1900	1950	1	1500	263.59	165.62	6.54
1800	1850	1950	2000	2	1500	88.68	222.88	6.55
1850	1900	1950	2000	1	1600	291.35	171.62	6.33

**Sagala Line-N3500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	480	141.89	278.60	29.11
-1000	-950	-850	-800	2	480	17.06	133.99	10.92
-1000	-950	-800	-750	3	480	15.92	312.59	6.44
-1000	-950	-750	-700	4	480	11.79	462.99	6.08
-1000	-950	-700	-650	5	480	4.06	279.01	6.12
-950	-900	-850	-800	1	330	184.06	525.67	28.60
-950	-900	-800	-750	2	330	25.29	288.91	7.01
-950	-900	-750	-700	3	330	14.27	407.55	5.33
-950	-900	-700	-650	4	330	5.23	298.74	4.81
-950	-900	-650	-600	5	330	3.49	348.86	4.80
-900	-850	-800	-750	1	130	31.53	228.59	16.90
-900	-850	-750	-700	2	130	8.48	245.91	4.16
-900	-850	-700	-650	3	130	2.16	156.60	3.69
-900	-850	-650	-600	4	130	1.38	200.10	2.52
-900	-850	-600	-550	5	130	2.09	530.33	4.11
-850	-800	-750	-700	1	120	101.98	800.95	15.77
-850	-800	-700	-650	2	120	10.34	324.84	8.51
-850	-800	-650	-600	3	120	4.19	329.08	6.24
-850	-800	-600	-550	4	120	5.28	829.38	6.43
-850	-800	-550	-500	5	120	3.85	1058.32	6.76
-800	-750	-700	-650	1	200	114.83	541.12	10.07
-800	-750	-650	-600	2	200	29.37	553.61	7.17
-800	-750	-600	-550	3	200	32.16	1515.50	7.13
-800	-750	-550	-500	4	200	20.58	1939.62	10.34
-800	-750	-500	-450	5	200	10.43	1720.26	3.15
-750	-700	-650	-600	1	270	159.40	556.41	13.74
-750	-700	-600	-550	2	270	82.55	1152.62	7.17
-750	-700	-550	-500	3	270	47.05	1642.35	8.63
-750	-700	-500	-450	4	270	22.58	1576.38	5.90
-750	-700	-450	-400	5	270	10.33	1262.05	6.48
-700	-650	-600	-550	1	300	242.80	762.78	16.01
-700	-650	-550	-500	2	300	74.07	930.79	7.89
-700	-650	-500	-450	3	300	33.14	1041.12	6.37
-700	-650	-450	-400	4	300	14.25	895.35	4.24
-700	-650	-400	-350	5	300	4.54	499.20	5.60
-650	-600	-550	-500	1	270	171.75	599.52	10.30
-650	-600	-500	-450	2	270	62.54	873.22	5.84
-650	-600	-450	-400	3	270	25.23	880.69	4.91
-650	-600	-400	-350	4	270	8.37	584.34	5.48
-650	-600	-350	-300	5	270	5.99	731.82	4.30
-600	-550	-500	-450	1	520	505.48	916.16	7.62
-600	-550	-450	-400	2	520	179.03	1297.94	5.14
-600	-550	-400	-350	3	520	56.75	1028.57	4.87
-600	-550	-350	-300	4	520	38.80	1406.47	4.75
-600	-550	-300	-250	5	520	26.48	1679.79	6.50
-550	-500	-450	-400	1	620	347.05	527.56	7.63
-550	-500	-400	-350	2	620	88.11	535.75	5.32
-550	-500	-350	-300	3	620	56.68	861.61	5.00
-550	-500	-300	-250	4	620	36.68	1115.16	5.93
-550	-500	-250	-200	5	620	30.85	1641.36	6.25
-500	-450	-400	-350	1	480	87.68	172.16	3.98
-500	-450	-350	-300	2	480	42.33	332.46	3.38
-500	-450	-300	-250	3	480	24.21	475.36	4.38
-500	-450	-250	-200	4	480	19.20	753.98	4.58
-500	-450	-200	-150	5	480	9.01	619.19	5.12

**Sagala Line-N3500**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	580	96.66	157.07	3.87
-450	-400	-300	-250	2	580	35.45	230.42	3.58
-450	-400	-250	-200	3	580	23.26	377.97	3.83
-450	-400	-200	-150	4	580	10.27	333.77	4.61
-450	-400	-150	-100	5	580	9.36	532.34	4.03
-400	-350	-300	-250	1	610	81.44	125.83	4.21
-400	-350	-250	-200	2	610	33.19	205.12	3.74
-400	-350	-200	-150	3	610	12.58	194.37	4.36
-400	-350	-150	-100	4	610	11.05	341.46	4.55
-400	-350	-100	-50	5	610	8.06	435.86	4.72
-350	-300	-250	-200	1	520	68.45	124.06	3.56
-350	-300	-200	-150	2	520	18.61	134.92	3.95
-350	-300	-150	-100	3	520	14.12	255.92	4.01
-350	-300	-100	-50	4	520	9.93	359.95	3.19
-350	-300	-50	0	5	520	6.68	423.75	2.69
-300	-250	-200	-150	1	160	15.40	90.71	6.03
-300	-250	-150	-100	2	160	7.56	178.13	4.75
-300	-250	-100	-50	3	160	4.81	283.33	3.80
-300	-250	-50	0	4	160	3.09	364.03	2.67
-300	-250	0	50	5	160	4.07	839.10	4.56
-250	-200	-150	-100	1	160	18.91	111.39	3.63
-250	-200	-100	-50	2	160	9.09	214.18	2.47
-250	-200	-50	0	3	160	5.45	321.03	1.59
-250	-200	0	50	4	160	6.91	814.07	3.10
-250	-200	50	100	5	160	3.34	688.60	1.81
-200	-150	-100	-50	1	130	8.08	58.58	1.45
-200	-150	-50	0	2	130	3.70	107.30	0.70
-200	-150	0	50	3	130	4.43	321.17	2.60
-200	-150	50	100	4	130	2.05	297.24	0.41
-200	-150	100	150	5	130	1.30	329.87	0.48
-150	-100	-50	0	1	170	13.54	75.07	2.50
-150	-100	0	50	2	170	11.88	263.45	3.20
-150	-100	50	100	3	170	4.94	273.87	3.41
-150	-100	100	150	4	170	2.96	328.20	2.92
-150	-100	150	200	5	170	1.38	267.77	3.32
-100	-50	0	50	1	620	108.85	165.47	6.59
-100	-50	50	100	2	620	32.07	195.00	2.91
-100	-50	100	150	3	620	16.92	257.21	4.51
-100	-50	150	200	4	620	7.16	217.68	4.43
-100	-50	200	250	5	620	3.82	203.24	3.10
-50	0	50	100	1	430	47.99	105.18	1.94
-50	0	100	150	2	430	18.23	159.83	3.25
-50	0	150	200	3	430	6.03	132.17	3.76
-50	0	200	250	4	430	2.94	128.88	0.97
-50	0	250	300	5	430	2.51	192.55	5.28
0	50	100	150	1	470	109.23	219.04	5.03
0	50	150	200	2	470	24.17	193.87	5.48
0	50	200	250	3	470	9.30	186.49	3.15
0	50	250	300	4	470	7.00	280.74	5.71
0	50	300	350	5	470	5.59	392.33	4.35
50	100	150	200	1	340	38.61	107.03	2.39
50	100	200	250	2	340	9.67	107.22	0.37
50	100	250	300	3	340	5.82	161.33	1.70
50	100	300	350	4	340	4.05	224.53	2.00
50	100	350	400	5	340	4.04	391.96	2.01

**Sagala Line-N3500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	230	15.82	64.83	1.63
100	150	250	300	2	230	7.00	114.74	2.73
100	150	300	350	3	230	4.19	171.69	3.01
100	150	350	400	4	230	3.72	304.87	3.80
100	150	400	450	5	230	4.45	638.22	2.27
150	200	250	300	1	300	19.96	62.71	4.75
150	200	300	350	2	300	8.21	103.17	4.48
150	200	350	400	3	300	5.83	183.15	4.59
150	200	400	450	4	300	6.71	421.60	3.75
150	200	450	500	5	300	5.23	575.07	3.50
200	250	300	350	1	420	41.38	92.86	14.21
200	250	350	400	2	420	14.25	127.91	5.06
200	250	400	450	3	420	15.25	342.21	3.44
200	250	450	500	4	420	10.70	480.21	4.56
200	250	500	550	5	420	3.58	281.17	2.73
250	300	350	400	1	240	49.80	195.56	29.74
250	300	400	450	2	240	20.61	323.74	4.48
250	300	450	500	3	240	13.44	527.79	5.95
250	300	500	550	4	240	4.28	336.15	0.50
250	300	550	600	5	240	2.21	303.75	5.43
300	350	400	450	1	250	56.28	212.17	15.76
300	350	450	500	2	250	22.12	333.56	4.84
300	350	500	550	3	250	6.60	248.81	4.33
300	350	550	600	4	250	3.28	247.31	5.17
300	350	600	650	5	250	2.47	325.91	4.05
350	400	450	500	1	380	125.90	312.26	12.88
350	400	500	550	2	380	20.29	201.29	4.26
350	400	550	600	3	380	8.43	209.08	5.05
350	400	600	650	4	380	5.94	294.65	5.04
350	400	650	700	5	380	4.86	421.88	6.30
400	450	500	550	1	490	158.50	304.86	2.97
400	450	550	600	2	490	38.61	297.05	3.77
400	450	600	650	3	490	23.16	445.47	4.10
400	450	650	700	4	490	17.08	657.04	4.65
400	450	700	750	5	490	15.14	1019.22	5.21
450	500	550	600	1	410	90.99	209.16	4.10
450	500	600	650	2	410	42.93	394.74	4.69
450	500	650	700	3	410	28.26	649.62	5.08
450	500	700	750	4	410	24.29	1116.72	5.76
450	500	750	800	5	410	10.73	863.29	5.85
500	550	600	650	1	230	50.70	207.75	3.88
500	550	650	700	2	230	24.93	408.63	4.12
500	550	700	750	3	230	18.62	763.00	4.34
500	550	750	800	4	230	7.47	612.20	4.32
500	550	800	850	5	230	3.63	520.62	3.28
550	600	650	700	1	300	60.61	190.41	4.31
550	600	700	750	2	300	36.57	459.55	4.04
550	600	750	800	3	300	14.42	453.02	4.11
550	600	800	850	4	300	5.96	374.48	3.78
550	600	850	900	5	300	3.65	401.34	5.73
600	650	700	750	1	300	88.16	276.96	6.78
600	650	750	800	2	300	29.20	366.94	4.46
600	650	800	850	3	300	9.48	297.82	3.98
600	650	850	900	4	300	5.40	339.29	4.06
600	650	900	950	5	300	3.52	387.04	3.67

**Sagala Line-N3500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	300	100.14	314.60	7.54
650	700	800	850	2	300	21.06	264.65	4.49
650	700	850	900	3	300	10.39	326.41	4.57
650	700	900	950	4	300	6.48	407.15	4.14
650	700	950	1000	5	300	4.25	467.31	3.67
700	750	800	850	1	380	100.68	249.71	12.72
700	750	850	900	2	380	27.04	268.26	5.31
700	750	900	950	3	380	14.16	351.20	5.27
700	750	950	1000	4	380	8.34	413.70	4.62
700	750	1000	1050	5	380	5.13	445.32	6.56
750	800	850	900	1	400	78.09	184.00	5.19
750	800	900	950	2	400	25.38	239.20	4.60
750	800	950	1000	3	400	11.26	265.31	3.56
750	800	1000	1050	4	400	6.48	305.36	3.93
750	800	1050	1100	5	400	4.47	368.63	8.38
800	850	900	950	1	520	71.54	129.66	3.90
800	850	950	1000	2	520	22.30	161.67	2.58
800	850	1000	1050	3	520	11.08	200.82	3.22
800	850	1050	1100	4	520	6.84	247.94	2.85
800	850	1100	1150	5	520	5.69	360.95	5.06
850	900	950	1000	1	360	35.50	92.94	2.48
850	900	1000	1050	2	360	14.08	147.45	2.95
850	900	1050	1100	3	360	8.01	209.70	2.91
850	900	1100	1150	4	360	6.50	340.34	4.32
850	900	1150	1200	5	360	5.43	497.55	6.53
900	950	1000	1050	1	420	29.92	67.14	2.18
900	950	1050	1100	2	420	13.98	125.48	2.15
900	950	1100	1150	3	420	10.67	239.43	3.73
900	950	1150	1200	4	420	8.53	382.83	6.04
900	950	1200	1250	5	420	4.86	381.70	3.19
950	1000	1050	1100	1	720	45.39	59.42	1.34
950	1000	1100	1150	2	720	26.28	137.60	2.72
950	1000	1150	1200	3	720	18.80	246.09	5.14
950	1000	1200	1250	4	720	9.91	259.44	2.35
950	1000	1250	1300	5	720	6.82	312.46	3.22
1000	1050	1100	1150	1	1000	71.24	67.14	2.82
1000	1050	1150	1200	2	1000	37.24	140.39	5.45
1000	1050	1200	1250	3	1000	16.74	157.77	2.47
1000	1050	1250	1300	4	1000	10.47	197.35	3.10
1000	1050	1300	1350	5	1000	7.87	259.61	3.26
1050	1100	1150	1200	1	750	75.51	94.89	5.38
1050	1100	1200	1250	2	750	24.35	122.40	2.33
1050	1100	1250	1300	3	750	12.43	156.20	2.76
1050	1100	1300	1350	4	750	8.30	208.60	2.30
1050	1100	1350	1400	5	750	5.96	262.13	3.02
1100	1150	1200	1250	1	450	46.12	96.59	4.57
1100	1150	1250	1300	2	450	16.86	141.25	5.33
1100	1150	1300	1350	3	450	9.56	200.22	4.55
1100	1150	1350	1400	4	450	5.98	250.49	3.93
1100	1150	1400	1450	5	450	3.14	230.17	4.91
1150	1200	1250	1300	1	330	33.70	96.25	5.07
1150	1200	1300	1350	2	330	14.47	165.30	4.57
1150	1200	1350	1400	3	330	8.25	235.62	5.48
1150	1200	1400	1450	4	330	4.00	228.48	6.60
1150	1200	1450	1500	5	330	2.68	267.89	8.78



**Sagala Line-N3500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	220	24.30	104.10	1.98
1200	1250	1350	1400	2	220	10.20	174.79	1.90
1200	1250	1400	1450	3	220	4.04	173.07	2.79
1200	1250	1450	1500	4	220	2.38	203.92	3.26
1200	1250	1500	1550	5	220	2.18	326.87	3.82
1250	1300	1350	1400	1	199	28.76	136.21	2.64
1250	1300	1400	1450	2	199	8.06	152.69	3.39
1250	1300	1450	1500	3	199	3.85	182.34	3.73
1250	1300	1500	1550	4	199	3.08	291.74	5.20
1250	1300	1550	1600	5	199	2.18	361.36	7.13
1300	1350	1400	1450	1	140	16.53	111.28	1.06
1300	1350	1450	1500	2	140	5.69	153.22	2.04
1300	1350	1500	1550	3	140	3.95	265.91	2.40
1300	1350	1550	1600	4	140	2.53	340.64	4.75
1300	1350	1600	1650	5	140	1.69	398.20	4.21
1350	1400	1450	1500	1	100	11.52	108.57	-0.61
1350	1400	1500	1550	2	100	5.86	220.92	0.39
1350	1400	1550	1600	3	100	3.14	295.94	1.94
1350	1400	1600	1650	4	100	1.92	361.91	1.12
1350	1400	1650	1700	5	100	1.15	379.35	3.19
1400	1450	1500	1550	1	80	10.71	126.17	-0.76
1400	1450	1550	1600	2	80	4.30	202.63	0.33
1400	1450	1600	1650	3	80	2.32	273.32	-0.87
1400	1450	1650	1700	4	80	1.28	301.59	2.96
1400	1450	1700	1750	5	80	0.42	173.18	0.96
1450	1500	1550	1600	1	100	13.22	124.60	0.55
1450	1500	1600	1650	2	100	5.41	203.95	0.10
1450	1500	1650	1700	3	100	2.73	257.30	3.22
1450	1500	1700	1750	4	100	0.80	150.80	3.33
1450	1500	1750	1800	5	100	0.95	313.37	5.18
1500	1550	1600	1650	1	200	41.76	196.79	3.14
1500	1550	1650	1700	2	200	14.98	282.37	4.88
1500	1550	1700	1750	3	200	3.68	173.42	3.78
1500	1550	1750	1800	4	200	3.72	350.60	4.66
1500	1550	1800	1850	5	200	3.80	626.75	6.00
1550	1600	1650	1700	1	230	51.46	210.87	7.23
1550	1600	1700	1750	2	230	8.65	141.78	5.05
1550	1600	1750	1800	3	230	6.77	277.42	5.83
1550	1600	1800	1850	4	230	6.37	522.05	7.44
1550	1600	1850	1900	5	230	3.41	489.06	6.75
1600	1650	1700	1750	1	290	56.30	182.97	16.80
1600	1650	1750	1800	2	290	14.19	184.47	6.65
1600	1650	1800	1850	3	290	11.93	387.72	7.46
1600	1650	1850	1900	4	290	5.79	376.34	7.83
1600	1650	1900	1950	5	290	3.64	414.04	7.96
1650	1700	1750	1800	1	440	202.30	433.33	39.13
1650	1700	1800	1850	2	440	30.25	259.18	9.49
1650	1700	1850	1900	3	440	12.11	259.40	8.44
1650	1700	1900	1950	4	440	6.90	295.60	9.05
1650	1700	1950	2000	5	440	4.95	371.10	8.43
1700	1750	1800	1850	1	180	49.26	257.92	25.78
1700	1750	1850	1900	2	180	6.32	132.37	8.55
1700	1750	1900	1950	3	180	2.89	151.32	7.90
1700	1750	1950	2000	4	180	1.97	206.30	7.67
1750	1800	1850	1900	1	110	54.75	469.10	23.66

### Sagala Line-N3500

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	110	12.46	427.03	8.80
1750	1800	1950	2000	3	110	6.60	565.49	6.77
1800	1850	1900	1950	1	200	105.95	499.28	24.78
1800	1850	1950	2000	2	200	33.56	632.59	11.36
1850	1900	1950	2000	1	280	167.41	563.50	25.31

Sagala Line-N3250

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	350	76.19	205.16	21.08
-1000	-950	-850	-800	2	350	11.06	119.13	2.92
-1000	-950	-800	-750	3	350	5.87	158.07	2.06
-1000	-950	-750	-700	4	350	3.87	208.42	0.20
-1000	-950	-700	-650	5	350	3.73	351.54	22.88
-950	-900	-850	-800	1	310	60.71	184.57	21.29
-950	-900	-800	-750	2	310	12.07	146.78	5.12
-950	-900	-750	-700	3	310	6.87	208.87	5.08
-950	-900	-700	-650	4	310	6.58	400.10	5.78
-950	-900	-650	-600	5	310	5.51	586.31	2.68
-900	-850	-800	-750	1	320	59.13	174.15	24.76
-900	-850	-750	-700	2	320	11.57	136.31	5.01
-900	-850	-700	-650	3	320	9.56	281.57	6.17
-900	-850	-650	-600	4	320	7.20	424.11	12.35
-900	-850	-600	-550	5	320	7.31	753.54	-4.73
-850	-800	-750	-700	1	220	30.83	132.08	20.80
-850	-800	-700	-650	2	220	8.47	145.14	3.74
-850	-800	-650	-600	3	220	6.12	262.18	3.40
-850	-800	-600	-550	4	220	5.25	449.82	4.57
-850	-800	-550	-500	5	220	2.42	362.85	3.95
-800	-750	-700	-650	1	100	20.01	188.59	20.85
-800	-750	-650	-600	2	100	3.77	142.13	12.12
-800	-750	-600	-550	3	100	2.80	263.89	3.41
-800	-750	-550	-500	4	100	1.30	245.04	4.46
-800	-750	-500	-450	5	100	0.86	283.69	29.27
-750	-700	-650	-600	1	80	20.11	236.92	17.92
-750	-700	-600	-550	2	80	5.65	266.25	5.04
-750	-700	-550	-500	3	80	2.20	259.18	2.84
-750	-700	-500	-450	4	80	1.14	268.61	5.71
-750	-700	-450	-400	5	80	0.87	358.73	5.99
-700	-650	-600	-550	1	140	71.68	482.55	13.13
-700	-650	-550	-500	2	140	13.99	376.72	6.38
-700	-650	-500	-450	3	140	5.12	344.68	3.29
-700	-650	-450	-400	4	140	2.99	402.57	6.29
-700	-650	-400	-350	5	140	1.83	431.18	4.71
-650	-600	-550	-500	1	110	32.15	275.46	4.05
-650	-600	-500	-450	2	110	8.55	293.02	0.08
-650	-600	-450	-400	3	110	4.08	349.57	-0.56
-650	-600	-400	-350	4	110	3.30	565.49	-1.07
-650	-600	-350	-300	5	110	2.54	761.69	3.75
-600	-550	-500	-450	1	80	23.60	278.03	5.85
-600	-550	-450	-400	2	80	5.62	264.84	-3.11
-600	-550	-400	-350	3	80	4.31	507.76	-1.13
-600	-550	-350	-300	4	80	3.14	739.85	-0.85
-600	-550	-300	-250	5	80	1.86	766.94	9.80
-550	-500	-450	-400	1	75	11.17	140.37	10.79
-550	-500	-400	-350	2	75	3.88	195.03	-1.19
-550	-500	-350	-300	3	75	3.14	394.58	-1.47
-550	-500	-300	-250	4	75	1.59	399.61	-3.63
-550	-500	-250	-200	5	75	1.33	584.96	8.20
-500	-450	-400	-350	1	85	18.93	209.90	13.88
-500	-450	-350	-300	2	85	6.54	290.06	-0.32
-500	-450	-300	-250	3	85	2.93	324.88	-1.31
-500	-450	-250	-200	4	85	2.33	516.70	1.46
-500	-450	-200	-150	5	85	1.50	582.12	0.55

**Sagala Line-N3250**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	85	44.98	498.74	22.06
-450	-400	-300	-250	2	85	4.10	181.84	2.00
-450	-400	-250	-200	3	85	2.89	320.44	0.63
-450	-400	-200	-150	4	85	1.75	388.08	2.29
-450	-400	-150	-100	5	85	3.48	1350.52	2.75
-400	-350	-300	-250	1	70	19.23	258.91	11.61
-400	-350	-250	-200	2	70	5.93	319.37	0.62
-400	-350	-200	-150	3	70	3.10	417.38	0.80
-400	-350	-150	-100	4	70	5.55	1494.50	2.68
-400	-350	-100	-50	5	70	2.60	1225.22	2.13
-350	-300	-250	-200	1	90	49.89	522.45	23.81
-350	-300	-200	-150	2	90	7.30	305.78	-0.28
-350	-300	-150	-100	3	90	11.60	1214.75	0.07
-350	-300	-100	-50	4	90	5.20	1089.09	-0.67
-350	-300	-50	0	5	90	2.67	978.61	-2.49
-300	-250	-200	-150	1	180	31.57	165.30	14.83
-300	-250	-150	-100	2	180	27.02	565.91	2.48
-300	-250	-100	-50	3	180	11.46	600.04	2.15
-300	-250	-50	0	4	180	5.62	588.53	1.25
-300	-250	0	50	5	180	3.21	588.26	2.31
-250	-200	-150	-100	1	900	340.80	356.88	8.61
-250	-200	-100	-50	2	900	107.50	450.29	5.62
-250	-200	-50	0	3	900	45.76	479.20	4.98
-250	-200	0	50	4	900	20.92	438.15	5.79
-250	-200	50	100	5	900	7.84	287.35	4.65
-200	-150	-100	-50	1	1050	260.98	234.26	4.28
-200	-150	-50	0	2	1050	85.22	305.97	3.10
-200	-150	0	50	3	1050	31.00	278.26	4.90
-200	-150	50	100	4	1050	10.77	193.34	3.42
-200	-150	100	150	5	1050	9.09	285.57	5.04
-150	-100	-50	0	1	780	692.85	837.17	4.97
-150	-100	0	50	2	780	190.84	922.37	6.50
-150	-100	50	100	3	780	63.36	765.58	5.36
-150	-100	100	150	4	780	34.16	825.51	6.65
-150	-100	150	200	5	780	26.60	1124.93	3.56
-100	-50	0	50	1	800	331.82	390.92	6.25
-100	-50	50	100	2	800	75.75	356.96	4.43
-100	-50	100	150	3	800	36.29	427.53	5.86
-100	-50	150	200	4	800	25.57	602.48	2.66
-100	-50	200	250	5	800	21.12	870.85	3.61
-50	0	50	100	1	630	113.82	170.27	2.57
-50	0	100	150	2	630	41.09	245.88	3.81
-50	0	150	200	3	630	25.24	377.59	1.56
-50	0	200	250	4	630	20.43	611.26	1.58
-50	0	250	300	5	630	14.76	772.83	2.02
0	50	100	150	1	540	77.79	135.77	6.19
0	50	150	200	2	540	35.98	251.19	3.64
0	50	200	250	3	540	27.52	480.31	4.27
0	50	250	300	4	540	20.11	701.97	4.43
0	50	300	350	5	540	15.98	976.16	7.27
50	100	150	200	1	430	36.00	78.91	2.55
50	100	200	250	2	430	19.40	170.08	1.95
50	100	250	300	3	430	12.51	274.20	2.55
50	100	300	350	4	430	9.37	410.74	4.60
50	100	350	400	5	430	4.94	378.96	4.65

**Sagala Line-N3250**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	450	90.68	189.92	6.90
100	150	250	300	2	450	35.27	295.48	4.22
100	150	300	350	3	450	23.99	502.45	7.39
100	150	350	400	4	450	13.32	557.95	7.10
100	150	400	450	5	450	8.82	646.54	6.65
150	200	250	300	1	480	121.51	238.58	4.33
150	200	300	350	2	480	48.88	383.90	5.17
150	200	350	400	3	480	19.47	382.29	4.13
150	200	400	450	4	480	10.81	424.51	3.66
150	200	450	500	5	480	10.86	746.32	5.62
200	250	300	350	1	350	153.14	412.37	10.62
200	250	350	400	2	350	38.38	413.40	4.37
200	250	400	450	3	350	18.32	493.32	5.13
200	250	450	500	4	350	16.60	894.01	4.69
200	250	500	550	5	350	9.13	860.48	5.65
250	300	350	400	1	430	130.57	286.18	9.48
250	300	400	450	2	430	45.00	394.53	5.05
250	300	450	500	3	430	35.12	769.76	5.87
250	300	500	550	4	430	17.96	787.30	5.96
250	300	550	600	5	430	8.31	637.49	3.08
300	350	400	450	1	220	127.25	545.14	23.06
300	350	450	500	2	220	44.45	761.69	8.45
300	350	500	550	3	220	21.67	928.34	6.93
300	350	550	600	4	220	7.80	668.30	6.10
300	350	600	650	5	220	4.78	716.71	6.14
350	400	450	500	1	140	59.61	401.29	14.68
350	400	500	550	2	140	16.13	434.35	5.32
350	400	550	600	3	140	5.37	361.51	4.33
350	400	600	650	4	140	3.11	418.73	4.91
350	400	650	700	5	140	1.79	421.76	5.48
400	450	500	550	1	80	24.11	284.04	9.47
400	450	550	600	2	80	5.08	239.39	1.48
400	450	600	650	3	80	2.33	274.50	1.57
400	450	650	700	4	80	1.37	322.80	2.27
400	450	700	750	5	80	1.86	766.94	-0.49
450	500	550	600	1	70	26.99	363.39	16.29
450	500	600	650	2	70	4.76	256.35	2.30
450	500	650	700	3	70	2.60	350.06	1.54
450	500	700	750	4	70	3.00	807.84	1.99
450	500	750	800	5	70	2.24	1055.58	1.05
500	550	600	650	1	85	17.89	198.36	11.08
500	550	650	700	2	85	3.94	174.75	2.51
500	550	700	750	3	85	4.04	447.95	2.50
500	550	750	800	4	85	3.04	674.15	1.17
500	550	800	850	5	85	1.88	729.59	3.90
550	600	650	700	1	70	13.65	183.78	12.92
550	600	700	750	2	70	3.93	211.65	0.49
550	600	750	800	3	70	2.83	381.03	0.78
550	600	800	850	4	70	1.57	422.77	1.07
550	600	850	900	5	70	1.42	669.16	7.45
600	650	700	750	1	45	12.83	268.71	6.89
600	650	750	800	2	45	3.52	294.89	-2.26
600	650	800	850	3	45	1.67	349.76	-1.34
600	650	850	900	4	45	1.42	594.81	0.14
600	650	900	950	5	45	0.47	344.53	-6.19

**Sagala Line-N3250**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	50	20.84	392.82	5.24
650	700	800	850	2	50	3.92	295.56	-1.77
650	700	850	900	3	50	2.71	510.82	13.00
650	700	900	950	4	50	0.77	290.28	-50.48
650	700	950	1000	5	50	0.35	230.91	-8.61
700	750	800	850	1	110	108.60	930.48	12.96
700	750	850	900	2	110	31.08	1065.17	7.26
700	750	900	950	3	110	7.10	608.33	2.62
700	750	950	1000	4	110	2.88	493.52	0.36
700	750	1000	1050	5	110	2.58	773.69	-5.89
750	800	850	900	1	330	491.97	1405.06	20.09
750	800	900	950	2	330	46.34	529.39	6.71
750	800	950	1000	3	330	14.85	424.12	3.01
750	800	1000	1050	4	330	12.25	699.72	2.79
750	800	1050	1100	5	330	7.27	726.71	4.61
800	850	900	950	1	330	160.60	458.67	14.91
800	850	950	1000	2	330	29.19	333.47	3.96
800	850	1000	1050	3	330	20.35	581.19	3.57
800	850	1050	1100	4	330	11.31	646.03	4.43
800	850	1100	1150	5	330	9.87	986.60	6.06
850	900	950	1000	1	260	54.18	196.40	9.57
850	900	1000	1050	2	260	28.72	416.43	5.51
850	900	1050	1100	3	260	15.43	559.32	7.51
850	900	1100	1150	4	260	12.70	920.73	7.47
850	900	1150	1200	5	260	7.20	913.48	10.32
900	950	1000	1050	1	260	31.92	115.71	3.96
900	950	1050	1100	2	260	12.64	183.28	3.29
900	950	1100	1150	3	260	9.14	331.32	3.80
900	950	1150	1200	4	260	4.73	342.92	5.85
900	950	1200	1250	5	260	2.95	374.27	6.69
950	1000	1050	1100	1	330	45.78	130.75	2.52
950	1000	1100	1150	2	330	24.56	280.57	3.06
950	1000	1150	1200	3	330	9.73	277.89	5.41
950	1000	1200	1250	4	330	5.31	303.31	5.81
950	1000	1250	1300	5	330	3.63	362.85	4.91
1000	1050	1100	1150	1	300	76.28	239.64	2.32
1000	1050	1150	1200	2	300	23.01	289.15	4.85
1000	1050	1200	1250	3	300	11.24	353.12	5.01
1000	1050	1250	1300	4	300	7.17	450.50	4.29
1000	1050	1300	1350	5	300	4.60	505.80	3.05
1050	1100	1150	1200	1	340	58.30	161.61	3.53
1050	1100	1200	1250	2	340	21.16	234.62	5.53
1050	1100	1250	1300	3	340	11.37	315.18	5.56
1050	1100	1300	1350	4	340	6.39	354.26	4.68
1050	1100	1350	1400	5	340	4.63	449.20	6.24
1100	1150	1200	1250	1	340	54.20	150.24	5.40
1100	1150	1250	1300	2	340	23.54	261.01	6.02
1100	1150	1300	1350	3	340	12.00	332.64	5.21
1100	1150	1350	1400	4	340	7.58	420.23	4.59
1100	1150	1400	1450	5	340	4.69	455.02	3.58
1150	1200	1250	1300	1	410	87.50	201.14	8.03
1150	1200	1300	1350	2	410	27.48	252.68	9.37
1150	1200	1350	1400	3	410	14.57	334.92	9.00
1150	1200	1400	1450	4	410	8.04	369.64	9.38
1150	1200	1450	1500	5	410	5.48	440.90	8.82

**Sagala Line-N3250**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	500	57.29	107.99	7.01
1200	1250	1350	1400	2	500	23.73	178.92	7.88
1200	1250	1400	1450	3	500	11.69	220.35	7.52
1200	1250	1450	1500	4	500	7.27	274.07	6.88
1200	1250	1500	1550	5	500	5.38	354.94	7.01
1250	1300	1350	1400	1	560	65.41	110.08	4.76
1250	1300	1400	1450	2	560	23.70	159.55	5.14
1250	1300	1450	1500	3	560	12.58	211.72	5.17
1250	1300	1500	1550	4	560	8.60	289.48	5.26
1250	1300	1550	1600	5	560	7.32	431.18	6.13
1300	1350	1400	1450	1	790	103.98	124.05	4.74
1300	1350	1450	1500	2	790	36.75	175.37	4.29
1300	1350	1500	1550	3	790	21.91	261.39	4.64
1300	1350	1550	1600	4	790	16.25	387.73	5.06
1300	1350	1600	1650	5	790	7.35	306.90	5.79
1350	1400	1450	1500	1	560	96.75	162.83	4.15
1350	1400	1500	1550	2	560	41.60	280.05	4.39
1350	1400	1550	1600	3	560	25.70	432.53	4.74
1350	1400	1600	1650	4	560	10.29	346.36	5.27
1350	1400	1650	1700	5	560	6.47	381.11	4.37
1400	1450	1500	1550	1	430	78.77	172.65	3.28
1400	1450	1550	1600	2	430	37.53	329.03	3.51
1400	1450	1600	1650	3	430	12.89	282.52	3.89
1400	1450	1650	1700	4	430	7.21	316.06	2.93
1400	1450	1700	1750	5	430	4.63	355.18	2.57
1450	1500	1550	1600	1	450	105.97	221.94	3.50
1450	1500	1600	1650	2	450	28.52	238.93	3.99
1450	1500	1650	1700	3	450	14.05	294.26	3.07
1450	1500	1700	1750	4	450	8.25	345.58	3.54
1450	1500	1750	1800	5	450	4.68	343.06	4.54
1500	1550	1600	1650	1	550	95.83	164.21	3.41
1500	1550	1650	1700	2	550	33.77	231.47	3.09
1500	1550	1700	1750	3	550	16.84	288.57	2.99
1500	1550	1750	1800	4	550	8.68	297.48	5.23
1500	1550	1800	1850	5	550	4.66	279.49	6.16
1550	1600	1650	1700	1	380	59.71	148.09	2.36
1550	1600	1700	1750	2	380	23.74	235.52	2.82
1550	1600	1750	1800	3	380	10.76	266.87	3.90
1550	1600	1800	1850	4	380	5.30	262.90	4.60
1550	1600	1850	1900	5	380	2.94	255.21	6.26
1600	1650	1700	1750	1	390	49.66	120.01	3.47
1600	1650	1750	1800	2	390	15.10	145.96	3.74
1600	1650	1800	1850	3	390	6.05	146.20	6.93
1600	1650	1850	1900	4	390	2.99	144.51	2.11
1600	1650	1900	1950	5	390	3.00	253.74	9.63
1650	1700	1750	1800	1	630	84.95	127.08	6.60
1650	1700	1800	1850	2	630	19.97	119.50	4.70
1650	1700	1850	1900	3	630	8.21	122.82	5.13
1650	1700	1900	1950	4	630	7.66	229.19	9.81
1650	1700	1950	2000	5	630	4.33	226.72	8.37
1700	1750	1800	1850	1	500	70.21	132.34	15.87
1700	1750	1850	1900	2	500	12.11	91.31	5.03
1700	1750	1900	1950	3	500	10.13	190.95	9.36
1700	1750	1950	2000	4	500	5.07	191.13	8.25
1750	1800	1850	1900	1	330	47.81	136.55	24.13

### Sagala Line-N3250

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	330	11.90	135.95	11.41
1750	1800	1950	2000	3	330	4.69	133.95	9.64
1800	1850	1900	1950	1	340	181.82	504.00	34.65
1800	1850	1950	2000	2	340	12.17	134.94	21.28
1850	1900	1950	2000	1	270	215.94	753.77	33.06



**Sagala Line-N3000**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	270	73.67	257.16	11.11
-1000	-950	-850	-800	2	270	14.77	206.23	4.25
-1000	-950	-800	-750	3	270	7.78	271.57	5.12
-1000	-950	-750	-700	4	270	4.42	308.57	4.87
-1000	-950	-700	-650	5	270	3.19	389.73	4.37
-950	-900	-850	-800	1	330	51.47	147.00	3.06
-950	-900	-800	-750	2	330	15.51	177.19	3.02
-950	-900	-750	-700	3	330	6.93	197.92	3.83
-950	-900	-700	-650	4	330	4.53	258.75	3.71
-950	-900	-650	-600	5	330	3.16	315.87	4.00
-900	-850	-800	-750	1	260	49.34	178.85	5.78
-900	-850	-750	-700	2	260	13.73	199.08	5.53
-900	-850	-700	-650	3	260	7.73	280.21	5.42
-900	-850	-650	-600	4	260	5.00	362.49	6.03
-900	-850	-600	-550	5	260	2.59	328.60	2.49
-850	-800	-750	-700	1	180	23.32	122.10	4.34
-850	-800	-700	-650	2	180	8.21	171.95	3.72
-850	-800	-650	-600	3	180	4.56	238.76	4.63
-850	-800	-600	-550	4	180	2.10	219.91	5.19
-850	-800	-550	-500	5	180	1.67	306.04	-6.15
-800	-750	-700	-650	1	140	21.08	141.91	5.09
-800	-750	-650	-600	2	140	7.52	202.50	4.20
-800	-750	-600	-550	3	140	2.81	189.17	-15.89
-800	-750	-550	-500	4	140	2.01	270.63	28.56
-800	-750	-500	-450	5	140	2.29	539.57	5.20
-750	-700	-650	-600	1	160	23.89	140.72	5.83
-750	-700	-600	-550	2	160	5.43	127.94	7.82
-750	-700	-550	-500	3	160	3.21	189.08	0.87
-750	-700	-500	-450	4	160	3.20	376.99	7.71
-750	-700	-450	-400	5	160	2.71	558.71	1.18
-700	-650	-600	-550	1	240	24.15	94.84	3.61
-700	-650	-550	-500	2	240	7.19	112.94	1.53
-700	-650	-500	-450	3	240	6.69	262.72	2.41
-700	-650	-450	-400	4	240	5.26	413.12	2.22
-700	-650	-400	-350	5	240	4.17	573.14	31.17
-650	-600	-550	-500	1	370	31.59	80.47	7.42
-650	-600	-500	-450	2	370	16.43	167.40	8.62
-650	-600	-450	-400	3	370	11.49	292.68	4.55
-650	-600	-400	-350	4	370	8.40	427.94	4.13
-650	-600	-350	-300	5	370	2.86	254.98	15.17
-600	-550	-500	-450	1	400	23.45	55.25	4.83
-600	-550	-450	-400	2	400	12.98	122.33	2.71
-600	-550	-400	-350	3	400	8.78	206.87	2.94
-600	-550	-350	-300	4	400	2.69	126.76	33.40
-600	-550	-300	-250	5	400	1.40	115.45	-75.89
-550	-500	-450	-400	1	310	28.91	87.89	5.74
-550	-500	-400	-350	2	310	12.76	155.17	5.04
-550	-500	-350	-300	3	310	3.22	97.90	-4.63
-550	-500	-300	-250	4	310	1.65	100.33	39.98
-550	-500	-250	-200	5	310	1.67	177.70	-46.50
-500	-450	-400	-350	1	140	25.85	174.02	4.15
-500	-450	-350	-300	2	140	5.52	148.64	3.14
-500	-450	-300	-250	3	140	1.59	107.04	40.60
-500	-450	-250	-200	4	140	1.38	185.80	-55.46
-500	-450	-200	-150	5	140	1.54	362.85	-25.45

**Sagala Line-N3000**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	80	13.81	162.70	1.92
-450	-400	-300	-250	2	80	2.07	97.55	-11.36
-450	-400	-250	-200	3	80	1.55	182.61	6.43
-450	-400	-200	-150	4	80	1.41	332.22	3.64
-450	-400	-150	-100	5	80	1.50	618.50	3.32
-400	-350	-300	-250	1	50	2.54	47.88	-5.23
-400	-350	-250	-200	2	50	1.30	98.02	-9.11
-400	-350	-200	-150	3	50	1.01	190.38	10.60
-400	-350	-150	-100	4	50	0.98	369.45	11.50
-400	-350	-100	-50	5	50	0.63	415.63	-120.04
-350	-300	-250	-200	1	50	3.43	64.65	4.76
-350	-300	-200	-150	2	50	1.28	96.51	-7.39
-350	-300	-150	-100	3	50	1.04	196.04	-41.03
-350	-300	-100	-50	4	50	0.74	278.97	107.21
-350	-300	-50	0	5	50	0.38	250.70	-65.13
-300	-250	-200	-150	1	150	71.15	447.05	20.52
-300	-250	-150	-100	2	150	7.12	178.95	4.86
-300	-250	-100	-50	3	150	3.82	240.02	4.07
-300	-250	-50	0	4	150	1.80	226.19	5.91
-300	-250	0	50	5	150	1.18	259.50	-4.29
-250	-200	-150	-100	1	140	38.00	255.82	14.38
-250	-200	-100	-50	2	140	11.95	321.79	6.05
-250	-200	-50	0	3	140	4.07	273.99	4.58
-250	-200	0	50	4	140	2.24	301.59	2.98
-250	-200	50	100	5	140	1.44	339.29	2.25
-200	-150	-100	-50	1	180	55.90	292.69	11.17
-200	-150	-50	0	2	180	14.42	302.01	6.29
-200	-150	0	50	3	180	6.87	359.71	4.60
-200	-150	50	100	4	180	3.96	414.69	4.19
-200	-150	100	150	5	180	2.20	403.17	1.96
-150	-100	-50	0	1	280	102.57	345.25	10.68
-150	-100	0	50	2	280	35.57	478.91	6.97
-150	-100	50	100	3	280	17.50	589.05	8.88
-150	-100	100	150	4	280	8.13	547.31	8.13
-150	-100	150	200	5	280	5.09	599.65	4.39
-100	-50	0	50	1	370	131.12	333.99	7.67
-100	-50	50	100	2	370	46.32	471.95	7.42
-100	-50	100	150	3	370	17.55	447.04	7.33
-100	-50	150	200	4	370	9.66	492.13	8.47
-100	-50	200	250	5	370	5.91	526.90	1.76
-50	0	50	100	1	630	240.77	360.19	8.10
-50	0	100	150	2	630	67.70	405.12	7.88
-50	0	150	200	3	630	30.99	463.61	6.91
-50	0	200	250	4	630	12.98	388.36	8.49
-50	0	250	300	5	630	9.08	475.43	5.02
0	50	100	150	1	830	205.96	233.87	6.89
0	50	150	200	2	830	74.98	340.56	6.31
0	50	200	250	3	830	25.12	285.24	4.62
0	50	250	300	4	830	15.69	356.32	7.27
0	50	300	350	5	830	12.56	499.17	2.67
50	100	150	200	1	570	164.60	272.16	7.21
50	100	200	250	2	570	37.38	247.23	5.13
50	100	250	300	3	570	20.00	330.69	5.97
50	100	300	350	4	570	14.34	474.22	7.92
50	100	350	400	5	570	12.10	700.24	5.27

**Sagala Line-N3000**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	260	41.51	150.47	4.00
100	150	250	300	2	260	16.05	232.72	6.07
100	150	300	350	3	260	9.36	339.29	6.79
100	150	350	400	4	260	7.43	538.66	6.43
100	150	400	450	5	260	5.12	649.58	0.54
150	200	250	300	1	250	35.50	133.83	5.42
150	200	300	350	2	250	14.70	221.67	4.95
150	200	350	400	3	250	10.37	390.94	5.29
150	200	400	450	4	250	6.64	500.64	7.74
150	200	450	500	5	250	6.46	852.38	-1.17
200	250	300	350	1	420	66.50	149.23	5.23
200	250	350	400	2	420	32.85	294.86	5.26
200	250	400	450	3	420	17.88	401.23	5.23
200	250	450	500	4	420	17.99	807.39	4.64
200	250	500	550	5	420	13.37	1050.08	2.64
250	300	350	400	1	400	64.28	151.46	6.45
250	300	400	450	2	400	26.20	246.93	5.29
250	300	450	500	3	400	24.71	582.22	5.71
250	300	500	550	4	400	17.51	825.14	3.74
250	300	550	600	5	400	7.18	592.11	5.95
300	350	400	450	1	430	82.83	181.55	4.78
300	350	450	500	2	430	59.38	520.60	5.87
300	350	500	550	3	430	37.24	816.23	3.84
300	350	550	600	4	430	14.59	639.57	5.36
300	350	600	650	5	430	8.87	680.45	5.35
350	400	450	500	1	590	152.26	243.22	4.35
350	400	500	550	2	590	77.72	496.61	2.86
350	400	550	600	3	590	28.06	448.24	4.07
350	400	600	650	4	590	16.84	538.01	4.24
350	400	650	700	5	590	10.67	596.56	5.46
400	450	500	550	1	430	116.75	255.89	2.90
400	450	550	600	2	430	32.07	281.17	4.04
400	450	600	650	3	430	14.91	326.80	3.65
400	450	650	700	4	430	8.73	382.69	7.45
400	450	700	750	5	430	4.45	341.37	-17.73
450	500	550	600	1	490	217.33	418.02	4.83
450	500	600	650	2	490	55.10	423.92	4.59
450	500	650	700	3	490	24.19	465.28	5.11
450	500	700	750	4	490	9.68	372.37	4.79
450	500	750	800	5	490	10.70	720.32	6.12
500	550	600	650	1	570	175.50	290.18	3.59
500	550	650	700	2	570	66.28	438.37	4.80
500	550	700	750	3	570	22.13	365.91	3.09
500	550	750	800	4	570	23.90	790.36	3.91
500	550	800	850	5	570	21.35	1235.56	3.05
550	600	650	700	1	480	70.46	138.35	6.99
550	600	700	750	2	480	14.95	117.42	4.57
550	600	750	800	3	480	14.24	279.60	6.02
550	600	800	850	4	480	12.50	490.87	2.64
550	600	850	900	5	480	9.86	677.60	11.21
600	650	700	750	1	480	52.95	103.97	7.67
600	650	750	800	2	480	21.95	172.39	4.79
600	650	800	850	3	480	14.78	290.20	6.61
600	650	850	900	4	480	9.92	389.56	5.56
600	650	900	950	5	480	8.27	568.33	-2.09

**Sagala Line-N3000**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	550	125.55	215.14	27.41
650	700	800	850	2	550	28.66	196.45	7.93
650	700	850	900	3	550	16.59	284.29	6.59
650	700	900	950	4	550	12.84	440.05	5.92
650	700	950	1000	5	550	5.06	303.48	7.88
700	750	800	850	1	430	76.04	166.67	19.83
700	750	850	900	2	430	20.28	177.80	5.68
700	750	900	950	3	430	14.51	318.03	4.76
700	750	950	1000	4	430	5.47	239.78	3.30
700	750	1000	1050	5	430	3.42	262.36	1.51
750	800	850	900	1	280	75.85	255.31	22.40
750	800	900	950	2	280	23.22	312.63	6.25
750	800	950	1000	3	280	7.79	262.21	2.60
750	800	1000	1050	4	280	4.38	294.86	10.42
750	800	1050	1100	5	280	2.71	319.26	-8.65
800	850	900	950	1	140	52.20	351.41	11.40
800	850	950	1000	2	140	9.96	268.20	5.55
800	850	1000	1050	3	140	4.32	290.82	4.55
800	850	1050	1100	4	140	2.24	301.59	8.13
800	850	1100	1150	5	140	3.41	803.46	17.33
850	900	950	1000	1	130	32.68	236.92	7.37
850	900	1000	1050	2	130	10.15	294.34	7.19
850	900	1050	1100	3	130	3.87	280.57	5.49
850	900	1100	1150	4	130	5.70	826.48	13.22
850	900	1150	1200	5	130	4.72	1197.67	-6.82
900	950	1000	1050	1	50	10.04	189.25	1.84
900	950	1050	1100	2	50	2.48	186.99	2.10
900	950	1100	1150	3	50	3.41	642.77	6.18
900	950	1150	1200	4	50	2.79	1051.81	-7.68
900	950	1200	1250	5	50	1.23	811.47	34.96
950	1000	1050	1100	1	40	2.40	56.55	-3.51
950	1000	1100	1150	2	40	2.24	211.12	-1.27
950	1000	1150	1200	3	40	1.65	388.77	2.02
950	1000	1200	1250	4	40	0.66	311.02	6.41
950	1000	1250	1300	5	40	0.47	387.59	56.78
1000	1050	1100	1150	1	80	11.21	132.06	3.69
1000	1050	1150	1200	2	80	6.64	312.90	4.33
1000	1050	1200	1250	3	80	2.47	290.99	4.79
1000	1050	1250	1300	4	80	1.78	419.40	-10.05
1000	1050	1300	1350	5	80	1.25	515.42	25.25
1050	1100	1150	1200	1	130	22.36	162.11	7.21
1050	1100	1200	1250	2	130	5.62	162.98	3.39
1050	1100	1250	1300	3	130	3.49	253.02	5.09
1050	1100	1300	1350	4	130	2.26	327.69	-6.72
1050	1100	1350	1400	5	130	2.14	543.01	-28.64
1100	1150	1200	1250	1	180	54.70	286.41	19.22
1100	1150	1250	1300	2	180	18.31	383.48	8.00
1100	1150	1300	1350	3	180	10.52	550.83	4.54
1100	1150	1350	1400	4	180	8.96	938.29	4.65
1100	1150	1400	1450	5	180	6.09	1116.05	4.16
1150	1200	1250	1300	1	160	44.40	261.54	20.10
1150	1200	1300	1350	2	160	14.30	336.94	6.31
1150	1200	1350	1400	3	160	10.49	617.91	5.52
1150	1200	1400	1450	4	160	7.11	837.63	1.95
1150	1200	1450	1500	5	160	3.36	692.72	3.82

**Sagala Line-N3000**

Curr. Elect C1	Curr. Elect C2	Pot. Elect P1	Pot. Elect P2	n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
1200	1250	1300	1350	1	130	89.74	650.60	32.98
1200	1250	1350	1400	2	130	16.37	474.72	4.26
1200	1250	1400	1450	3	130	8.85	641.61	4.39
1200	1250	1450	1500	4	130	3.63	526.34	3.62
1200	1250	1500	1550	5	130	2.21	560.77	1.15
1250	1300	1350	1400	1	190	48.49	240.53	4.04
1250	1300	1400	1450	2	190	21.24	421.44	3.36
1250	1300	1450	1500	3	190	7.81	387.41	3.51
1250	1300	1500	1550	4	190	4.45	441.48	4.83
1250	1300	1550	1600	5	190	2.97	515.63	4.86
1300	1350	1400	1450	1	530	160.33	285.11	2.51
1300	1350	1450	1500	2	530	39.12	278.26	4.21
1300	1350	1500	1550	3	530	20.14	358.14	4.33
1300	1350	1550	1600	4	530	12.51	444.92	4.59
1300	1350	1600	1650	5	530	7.74	481.73	3.57
1350	1400	1450	1500	1	540	208.34	363.62	2.11
1350	1400	1500	1550	2	540	73.93	516.13	2.61
1350	1400	1550	1600	3	540	39.90	696.39	2.44
1350	1400	1600	1650	4	540	21.98	767.25	1.81
1350	1400	1650	1700	5	540	16.53	1009.76	2.58
1400	1450	1500	1550	1	1000	206.23	194.37	3.90
1400	1450	1550	1600	2	1000	89.57	337.67	3.51
1400	1450	1600	1650	3	1000	41.92	395.09	2.80
1400	1450	1650	1700	4	1000	30.10	567.37	3.44
1400	1450	1700	1750	5	1000	18.57	612.56	5.68
1450	1500	1550	1600	1	620	118.24	179.74	2.69
1450	1500	1600	1650	2	620	44.21	268.82	2.22
1450	1500	1650	1700	3	620	25.94	394.32	2.37
1450	1500	1700	1750	4	620	15.20	462.12	5.58
1450	1500	1750	1800	5	620	7.05	375.09	4.41
1500	1550	1600	1650	1	650	122.89	178.19	3.46
1500	1550	1650	1700	2	650	48.30	280.13	3.07
1500	1550	1700	1750	3	650	22.32	323.63	6.12
1500	1550	1750	1800	4	650	9.16	265.63	4.53
1500	1550	1800	1850	5	650	9.86	500.38	3.81
1550	1600	1650	1700	1	1000	188.54	177.69	1.67
1550	1600	1700	1750	2	1000	64.23	242.14	7.46
1550	1600	1750	1800	3	1000	22.48	211.87	4.23
1550	1600	1800	1850	4	1000	22.38	421.85	4.54
1550	1600	1850	1900	5	1000	15.55	512.94	5.34
1600	1650	1700	1750	1	560	89.22	150.16	4.01
1600	1650	1750	1800	2	560	22.71	152.88	3.17
1600	1650	1800	1850	3	560	19.71	331.72	3.30
1600	1650	1850	1900	4	560	12.95	435.90	4.23
1600	1650	1900	1950	5	560	5.01	295.11	2.75
1650	1700	1750	1800	1	480	43.61	85.63	2.85
1650	1700	1800	1850	2	480	30.15	236.80	3.26
1650	1700	1850	1900	3	480	18.17	356.77	3.92
1650	1700	1900	1950	4	480	6.79	266.64	2.64
1650	1700	1950	2000	5	480	5.72	393.09	3.46
1700	1750	1800	1850	1	700	115.30	155.24	4.82
1700	1750	1850	1900	2	700	52.08	280.48	5.66
1700	1750	1900	1950	3	700	17.97	241.95	4.44
1700	1750	1950	2000	4	700	14.15	381.03	5.61
1750	1800	1850	1900	1	580	76.68	124.60	3.48

### Sagala Line-N3000

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	580	20.91	135.91	2.30
1750	1800	1950	2000	3	580	14.55	236.43	3.29
1800	1850	1900	1950	1	800	90.51	106.63	1.36
1800	1850	1950	2000	2	800	47.36	223.18	2.47
1850	1900	1950	2000	1	380	56.76	140.78	2.57

Sagala Line-N2750

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	770	97.53	119.38	6.61
-1000	-950	-850	-800	2	770	42.68	208.96	6.53
-1000	-950	-800	-750	3	770	30.44	372.58	6.77
-1000	-950	-750	-700	4	770	24.09	589.72	7.06
-1000	-950	-700	-650	5	770	7.58	324.73	5.73
-950	-900	-850	-800	1	500	70.57	133.02	6.03
-950	-900	-800	-750	2	500	48.31	364.25	6.97
-950	-900	-750	-700	3	500	40.53	763.97	7.67
-950	-900	-700	-650	4	500	10.06	379.25	6.88
-950	-900	-650	-600	5	500	4.50	296.88	5.18
-900	-850	-800	-750	1	460	91.85	188.19	6.28
-900	-850	-750	-700	2	460	64.88	531.72	7.45
-900	-850	-700	-650	3	460	15.29	313.27	6.65
-900	-850	-650	-600	4	460	6.25	256.11	5.04
-900	-850	-600	-550	5	460	10.63	762.28	6.14
-850	-800	-750	-700	1	550	145.07	248.59	7.26
-850	-800	-700	-650	2	550	27.53	188.70	6.61
-850	-800	-650	-600	3	550	9.64	165.19	4.53
-850	-800	-600	-550	4	550	15.77	540.47	6.16
-850	-800	-550	-500	5	550	11.52	690.92	6.43
-800	-750	-700	-650	1	100	27.54	259.56	5.85
-800	-750	-650	-600	2	100	4.77	179.82	2.74
-800	-750	-600	-550	3	100	6.11	575.85	5.72
-800	-750	-550	-500	4	100	3.90	735.13	3.63
-800	-750	-500	-450	5	100	2.82	930.23	6.54
-750	-700	-650	-600	1	120	15.59	122.44	3.28
-750	-700	-600	-550	2	120	15.03	472.18	4.12
-750	-700	-550	-500	3	120	8.44	662.88	4.03
-750	-700	-500	-450	4	120	5.59	878.08	6.05
-750	-700	-450	-400	5	120	2.28	626.75	3.39
-700	-650	-600	-550	1	210	28.73	128.94	4.78
-700	-650	-550	-500	2	210	13.33	239.30	4.81
-700	-650	-500	-450	3	210	7.87	353.20	7.10
-700	-650	-450	-400	4	210	3.08	276.46	3.97
-700	-650	-400	-350	5	210	1.53	240.33	4.22
-650	-600	-550	-500	1	180	34.25	179.33	4.36
-650	-600	-500	-450	2	180	14.54	304.53	6.20
-650	-600	-450	-400	3	180	4.10	214.68	5.27
-650	-600	-400	-350	4	180	1.66	173.83	4.03
-650	-600	-350	-300	5	180	1.07	196.09	5.27
-600	-550	-500	-450	1	100	51.25	483.02	6.27
-600	-550	-450	-400	2	100	10.04	378.50	5.32
-600	-550	-400	-350	3	100	3.31	311.96	5.06
-600	-550	-350	-300	4	100	2.12	399.61	5.09
-600	-550	-300	-250	5	100	1.58	521.19	3.16
-550	-500	-450	-400	1	120	28.85	226.59	4.88
-550	-500	-400	-350	2	120	5.98	187.87	4.18
-550	-500	-350	-300	3	120	3.17	248.97	4.54
-550	-500	-300	-250	4	120	2.18	342.43	2.55
-550	-500	-250	-200	5	120	1.87	514.04	4.06
-500	-450	-400	-350	1	270	51.97	181.41	8.88
-500	-450	-350	-300	2	270	16.93	236.39	7.03
-500	-450	-300	-250	3	270	9.45	329.87	6.60
-500	-450	-250	-200	4	270	8.00	558.51	6.57
-500	-450	-200	-150	5	270	4.89	597.43	6.80

**Sagala Line-N2750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	350	38.17	102.78	7.87
-450	-400	-300	-250	2	350	14.92	160.71	5.51
-450	-400	-250	-200	3	350	11.40	306.98	5.71
-450	-400	-200	-150	4	350	6.71	361.37	5.76
-450	-400	-150	-100	5	350	3.05	287.46	4.99
-400	-350	-300	-250	1	500	37.98	71.59	5.61
-400	-350	-250	-200	2	500	23.46	176.88	5.70
-400	-350	-200	-150	3	500	12.65	238.45	6.53
-400	-350	-150	-100	4	500	5.47	206.21	5.25
-400	-350	-100	-50	5	500	3.13	206.50	4.53
-350	-300	-250	-200	1	590	54.38	86.87	5.04
-350	-300	-200	-150	2	590	25.05	160.06	5.64
-350	-300	-150	-100	3	590	10.13	161.82	5.75
-350	-300	-100	-50	4	590	5.57	177.95	5.00
-350	-300	-50	0	5	590	4.62	258.30	5.28
-300	-250	-200	-150	1	450	42.44	88.89	5.69
-300	-250	-150	-100	2	450	13.65	114.35	5.20
-300	-250	-100	-50	3	450	6.17	129.22	4.42
-300	-250	-50	0	4	450	4.86	203.58	5.13
-300	-250	0	50	5	450	3.24	237.50	5.54
-250	-200	-150	-100	1	350	29.78	80.19	4.71
-250	-200	-100	-50	2	350	9.05	97.48	4.71
-250	-200	-50	0	3	350	6.35	170.99	5.76
-250	-200	0	50	4	350	3.88	208.96	3.34
-250	-200	50	100	5	350	3.75	353.43	4.99
-200	-150	-100	-50	1	280	13.10	44.09	5.74
-200	-150	-50	0	2	280	7.65	103.00	4.50
-200	-150	0	50	3	280	4.38	147.43	4.99
-200	-150	50	100	4	280	4.17	280.72	3.20
-200	-150	100	150	5	280	3.13	368.74	5.94
-150	-100	-50	0	1	440	18.76	40.18	4.52
-150	-100	0	50	2	440	8.41	72.06	3.53
-150	-100	50	100	3	440	6.75	144.58	6.72
-150	-100	100	150	4	440	4.83	206.92	4.22
-150	-100	150	200	5	440	2.86	214.41	4.27
-100	-50	0	50	1	310	17.12	52.05	4.00
-100	-50	50	100	2	310	8.98	109.21	4.61
-100	-50	100	150	3	310	5.88	178.77	5.26
-100	-50	150	200	4	310	3.24	197.01	4.14
-100	-50	200	250	5	310	3.48	370.30	3.78
-50	0	50	100	1	130	8.58	62.20	4.11
-50	0	100	150	2	130	4.00	116.00	2.78
-50	0	150	200	3	130	1.87	135.57	2.81
-50	0	200	250	4	130	1.83	265.34	1.37
-50	0	250	300	5	130	0.96	243.59	1.50
0	50	100	150	1	150	14.99	94.18	5.10
0	50	150	200	2	150	4.39	110.33	3.18
0	50	200	250	3	150	3.38	212.37	2.26
0	50	250	300	4	150	1.60	201.06	4.61
0	50	300	350	5	150	0.91	200.12	3.75
50	100	150	200	1	220	29.49	126.33	6.15
50	100	200	250	2	220	15.53	266.12	5.67
50	100	250	300	3	220	5.92	253.61	5.20
50	100	300	350	4	220	2.85	244.19	6.70
50	100	350	400	5	220	2.47	370.35	6.74



**Sagala Line-N2750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	200	45.33	213.61	5.86
100	150	250	300	2	200	14.28	269.17	5.61
100	150	300	350	3	200	4.90	230.91	4.99
100	150	350	400	4	200	3.76	354.37	6.81
100	150	400	450	5	200	1.84	303.48	4.03
150	200	250	300	1	300	57.56	180.83	5.12
150	200	300	350	2	300	13.94	175.18	5.06
150	200	350	400	3	300	8.80	276.46	5.52
150	200	400	450	4	300	3.50	219.91	2.04
150	200	450	500	5	300	4.74	521.19	4.81
200	250	300	350	1	460	99.59	204.05	5.83
200	250	350	400	2	460	41.32	338.64	6.08
200	250	400	450	3	460	12.84	263.07	4.26
200	250	450	500	4	460	16.08	658.91	4.05
200	250	500	550	5	460	21.52	1543.20	4.01
250	300	350	400	1	420	60.89	136.64	7.01
250	300	400	450	2	420	14.54	130.51	4.00
250	300	450	500	3	420	15.81	354.78	4.44
250	300	500	550	4	420	20.40	915.55	4.24
250	300	550	600	5	420	7.08	556.06	6.20
300	350	400	450	1	120	6.79	53.33	1.13
300	350	450	500	2	120	5.57	174.99	2.23
300	350	500	550	3	120	7.42	582.77	1.92
300	350	550	600	4	120	2.32	364.42	4.53
300	350	600	650	5	120	1.08	296.88	6.03
350	400	450	500	1	125	16.03	120.86	3.21
350	400	500	550	2	125	16.02	483.15	2.62
350	400	550	600	3	125	4.49	338.54	5.67
350	400	600	650	4	125	1.95	294.05	5.79
350	400	650	700	5	125	0.94	248.06	8.44
400	450	500	550	1	230	60.40	247.50	2.59
400	450	550	600	2	230	13.74	225.21	5.35
400	450	600	650	3	230	5.35	219.23	6.75
400	450	650	700	4	230	2.22	181.94	4.60
400	450	700	750	5	230	2.52	361.42	8.27
450	500	550	600	1	240	65.74	258.16	5.14
450	500	600	650	2	240	18.78	295.00	6.03
450	500	650	700	3	240	7.66	300.81	3.67
450	500	700	750	4	240	7.57	594.55	5.83
450	500	750	800	5	240	5.38	739.45	5.73
500	550	600	650	1	290	61.59	200.16	5.43
500	550	650	700	2	290	20.83	270.78	3.84
500	550	700	750	3	290	18.73	608.71	4.68
500	550	750	800	4	290	12.57	817.03	5.29
500	550	800	850	5	290	5.61	638.12	5.16
550	600	650	700	1	190	19.85	98.46	5.97
550	600	700	750	2	190	11.24	223.02	6.01
550	600	750	800	3	190	6.70	332.35	6.25
550	600	800	850	4	190	2.74	271.83	4.07
550	600	850	900	5	190	1.30	225.70	9.14
600	650	700	750	1	140	21.52	144.87	8.09
600	650	750	800	2	140	7.58	204.11	5.06
600	650	800	850	3	140	2.73	183.78	3.65
600	650	850	900	4	140	1.09	146.76	1.61
600	650	900	950	5	140	1.03	242.69	3.71

**Sagala Line-N2750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	75	10.41	130.82	3.96
650	700	800	850	2	75	2.67	134.21	31.32
650	700	850	900	3	75	0.89	111.84	-90.25
650	700	900	950	4	75	0.71	178.44	5.06
650	700	950	1000	5	75	0.50	219.91	-2.92
700	750	800	850	1	45	6.09	127.55	1.90
700	750	850	900	2	45	1.49	124.83	-2.54
700	750	900	950	3	45	0.83	173.83	-101.85
700	750	950	1000	4	45	0.58	242.95	146.58
700	750	1000	1050	5	45	0.38	278.55	-5.62
750	800	850	900	1	55	6.20	106.24	3.61
750	800	900	950	2	55	2.40	164.51	2.77
750	800	950	1000	3	55	1.37	234.76	-2.88
750	800	1000	1050	4	55	0.83	284.46	0.75
750	800	1050	1100	5	55	0.53	317.87	10.15
800	850	900	950	1	80	6.78	79.87	2.56
800	850	950	1000	2	80	2.68	126.29	-1.93
800	850	1000	1050	3	80	1.39	163.76	3.17
800	850	1050	1100	4	80	0.75	176.71	-0.63
800	850	1100	1150	5	80	0.64	263.89	0.69
850	900	950	1000	1	50	5.12	96.51	3.32
850	900	1000	1050	2	50	1.81	136.47	-1.56
850	900	1050	1100	3	50	0.78	147.03	-5.41
850	900	1100	1150	4	50	0.60	226.19	2.17
850	900	1150	1200	5	50	0.36	237.50	-3.32
900	950	1000	1050	1	40	3.41	80.35	-2.42
900	950	1050	1100	2	40	1.15	108.38	-7.38
900	950	1100	1150	3	40	0.77	181.43	-7.78
900	950	1150	1200	4	40	0.45	212.06	-0.39
900	950	1200	1250	5	40	0.32	263.89	485.76
950	1000	1050	1100	1	50	4.18	78.79	-0.59
950	1000	1100	1150	2	50	1.99	150.04	-2.22
950	1000	1150	1200	3	50	1.01	190.38	-0.08
950	1000	1200	1250	4	50	0.43	162.11	-12.15
950	1000	1250	1300	5	50	0.39	257.30	10.33
1000	1050	1100	1150	1	200	35.79	168.66	13.99
1000	1050	1150	1200	2	200	12.39	233.55	7.50
1000	1050	1200	1250	3	200	4.08	192.27	2.36
1000	1050	1250	1300	4	200	3.26	307.25	6.96
1000	1050	1300	1350	5	200	2.54	418.93	6.78
1050	1100	1150	1200	1	220	36.52	156.45	13.45
1050	1100	1200	1250	2	220	7.73	132.46	3.52
1050	1100	1250	1300	3	220	5.39	230.91	4.03
1050	1100	1300	1350	4	220	4.01	343.58	4.02
1050	1100	1350	1400	5	220	2.54	380.85	5.60
1100	1150	1200	1250	1	370	47.66	121.40	7.24
1100	1150	1250	1300	2	370	22.59	230.17	6.26
1100	1150	1300	1350	3	370	13.68	348.46	6.85
1100	1150	1350	1400	4	370	7.81	397.88	6.38
1100	1150	1400	1450	5	370	4.62	411.89	5.03
1150	1200	1250	1300	1	320	36.78	108.33	4.97
1150	1200	1300	1350	2	320	18.05	212.65	5.77
1150	1200	1350	1400	3	320	9.27	273.02	2.97
1150	1200	1400	1450	4	320	5.08	299.24	8.52
1150	1200	1450	1500	5	320	2.83	291.73	6.75

**Sagala Line-N2750**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	180	21.59	113.04	4.36
1200	1250	1350	1400	2	180	8.36	175.09	4.33
1200	1250	1400	1450	3	180	3.88	203.16	7.77
1200	1250	1450	1500	4	180	2.07	216.77	0.38
1200	1250	1500	1550	5	180	1.33	243.74	6.36
1250	1300	1350	1400	1	190	27.98	138.79	4.22
1250	1300	1400	1450	2	190	9.95	197.42	4.40
1250	1300	1450	1500	3	190	4.24	210.32	2.96
1250	1300	1500	1550	4	190	2.52	250.00	3.03
1250	1300	1550	1600	5	190	1.79	310.77	2.55
1300	1350	1400	1450	1	450	65.17	136.49	6.54
1300	1350	1450	1500	2	450	19.59	164.12	5.61
1300	1350	1500	1550	3	450	9.78	204.83	4.84
1300	1350	1550	1600	4	450	6.19	259.29	4.16
1300	1350	1600	1650	5	450	6.54	479.41	3.77
1350	1400	1450	1500	1	220	21.77	93.26	4.29
1350	1400	1500	1550	2	220	7.95	136.23	3.85
1350	1400	1550	1600	3	220	4.35	186.35	2.89
1350	1400	1600	1650	4	220	4.10	351.29	3.10
1350	1400	1650	1700	5	220	2.93	439.32	4.50
1400	1450	1500	1550	1	130	11.43	82.87	3.03
1400	1450	1550	1600	2	130	4.61	133.69	2.52
1400	1450	1600	1650	3	130	3.75	271.87	5.60
1400	1450	1650	1700	4	130	2.40	347.99	-0.70
1400	1450	1700	1750	5	130	1.26	319.72	7.41
1450	1500	1550	1600	1	175	12.57	67.70	2.00
1450	1500	1600	1650	2	175	7.82	168.46	3.16
1450	1500	1650	1700	3	175	4.38	235.89	1.89
1450	1500	1700	1750	4	175	2.09	225.12	5.17
1450	1500	1750	1800	5	175	1.49	280.86	5.70
1500	1550	1600	1650	1	370	46.69	118.93	2.47
1500	1550	1650	1700	2	370	18.71	190.64	5.28
1500	1550	1700	1750	3	370	7.45	189.77	3.12
1500	1550	1750	1800	4	370	4.57	232.82	5.17
1500	1550	1800	1850	5	370	2.26	201.49	6.83
1550	1600	1650	1700	1	350	55.09	148.35	3.45
1550	1600	1700	1750	2	350	15.01	161.68	3.63
1550	1600	1750	1800	3	350	7.41	199.54	5.13
1550	1600	1800	1850	4	350	3.17	170.72	4.41
1550	1600	1850	1900	5	350	2.48	233.73	3.94
1600	1650	1700	1750	1	230	42.04	172.27	2.46
1600	1650	1750	1800	2	230	14.15	231.93	3.65
1600	1650	1800	1850	3	230	4.78	195.87	3.11
1600	1650	1850	1900	4	230	3.18	260.62	3.89
1600	1650	1900	1950	5	230	2.29	328.43	6.16
1650	1700	1750	1800	1	220	32.51	139.27	3.21
1650	1700	1800	1850	2	220	7.56	129.55	2.83
1650	1700	1850	1900	3	220	3.94	168.79	4.04
1650	1700	1900	1950	4	220	2.73	233.91	2.92
1650	1700	1950	2000	5	220	2.22	332.87	5.66
1700	1750	1800	1850	1	350	24.88	67.00	5.88
1700	1750	1850	1900	2	350	9.12	98.23	3.30
1700	1750	1900	1950	3	350	5.65	152.14	3.63
1700	1750	1950	2000	4	350	4.30	231.58	5.47
1750	1800	1850	1900	1	420	30.81	69.14	5.60

### Sagala Line-N2750

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	420	13.54	121.53	4.60
1750	1800	1950	2000	3	420	8.93	200.39	6.17
1800	1850	1900	1950	1	290	23.92	77.74	10.03
1800	1850	1950	2000	2	290	9.70	126.10	5.78
1850	1900	1950	2000	1	320	184.62	543.75	35.82

**Sagala Line-N2500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-1000	-950	-900	-850	1	390	18.81	45.46	4.03
-1000	-950	-850	-800	2	390	5.86	56.65	4.67
-1000	-950	-800	-750	3	390	3.62	87.48	3.82
-1000	-950	-750	-700	4	390	2.17	104.88	4.03
-1000	-950	-700	-650	5	390	2.00	169.16	3.69
-950	-900	-850	-800	1	350	20.07	54.04	6.52
-950	-900	-800	-750	2	350	8.35	89.94	5.23
-950	-900	-750	-700	3	350	4.03	108.52	4.97
-950	-900	-700	-650	4	350	3.20	172.34	5.07
-950	-900	-650	-600	5	350	2.04	192.27	4.87
-900	-850	-800	-750	1	170	7.61	42.19	3.09
-900	-850	-750	-700	2	170	2.55	56.55	4.50
-900	-850	-700	-650	3	170	1.68	93.14	3.52
-900	-850	-650	-600	4	170	0.98	108.66	2.63
-900	-850	-600	-550	5	170	0.72	139.71	5.36
-850	-800	-750	-700	1	100	3.39	31.95	3.31
-850	-800	-700	-650	2	100	1.51	56.93	2.38
-850	-800	-650	-600	3	100	0.75	70.69	2.18
-850	-800	-600	-550	4	100	0.50	94.25	5.42
-850	-800	-550	-500	5	100	0.49	161.63	-9.42
-800	-750	-700	-650	1	125	4.87	36.72	2.42
-800	-750	-650	-600	2	125	1.84	55.49	1.99
-800	-750	-600	-550	3	125	1.04	78.41	3.64
-800	-750	-550	-500	4	125	1.01	152.30	1.71
-800	-750	-500	-450	5	125	0.63	166.25	6.36
-750	-700	-650	-600	1	220	10.92	46.78	2.75
-750	-700	-600	-550	2	220	4.07	69.74	3.09
-750	-700	-550	-500	3	220	3.23	138.37	2.99
-750	-700	-500	-450	4	220	1.71	146.51	2.44
-750	-700	-450	-400	5	220	1.53	229.41	1.48
-700	-650	-600	-550	1	380	25.87	64.16	4.07
-700	-650	-550	-500	2	380	11.18	110.91	3.79
-700	-650	-500	-450	3	380	5.17	128.23	2.74
-700	-650	-450	-400	4	380	4.23	209.83	3.99
-700	-650	-400	-350	5	380	3.20	277.78	4.24
-650	-600	-550	-500	1	1100	62.51	53.56	3.08
-650	-600	-500	-450	2	1100	22.86	78.35	2.59
-650	-600	-450	-400	3	1100	15.39	131.86	4.19
-650	-600	-400	-350	4	1100	9.85	168.79	4.55
-650	-600	-350	-300	5	1100	6.54	196.12	3.94
-600	-550	-500	-450	1	220	13.37	57.28	5.53
-600	-550	-450	-400	2	220	6.17	105.73	4.69
-600	-550	-400	-350	3	220	3.15	134.95	5.10
-600	-550	-350	-300	4	220	1.78	152.51	3.41
-600	-550	-300	-250	5	220	1.37	205.42	3.91
-550	-500	-450	-400	1	200	19.65	92.60	10.50
-550	-500	-400	-350	2	200	7.19	135.53	6.99
-550	-500	-350	-300	3	200	3.10	146.08	6.47
-550	-500	-300	-250	4	200	1.94	182.84	5.96
-550	-500	-250	-200	5	200	0.95	156.69	5.34
-500	-450	-400	-350	1	250	21.98	82.86	6.38
-500	-450	-350	-300	2	250	6.83	102.99	5.10
-500	-450	-300	-250	3	250	3.35	126.29	4.49
-500	-450	-250	-200	4	250	1.36	102.54	4.33
-500	-450	-200	-150	5	250	1.05	138.54	6.28

**Sagala Line-N2500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
-450	-400	-350	-300	1	150	22.36	140.49	7.58
-450	-400	-300	-250	2	150	9.02	226.70	6.92
-450	-400	-250	-200	3	150	3.07	192.89	5.80
-450	-400	-200	-150	4	150	1.80	226.19	6.00
-450	-400	-150	-100	5	150	1.25	274.89	6.33
-400	-350	-300	-250	1	180	35.12	183.89	7.10
-400	-350	-250	-200	2	180	9.76	204.41	6.56
-400	-350	-200	-150	3	180	4.58	239.81	6.20
-400	-350	-150	-100	4	180	2.90	303.69	6.78
-400	-350	-100	-50	5	180	1.62	296.88	3.18
-350	-300	-250	-200	1	220	35.00	149.94	7.63
-350	-300	-200	-150	2	220	10.76	184.38	6.92
-350	-300	-150	-100	3	220	5.72	245.04	6.85
-350	-300	-100	-50	4	220	2.60	222.77	5.28
-350	-300	-50	0	5	220	1.68	251.90	4.18
-300	-250	-200	-150	1	250	29.06	109.55	5.37
-300	-250	-150	-100	2	250	12.46	187.89	6.00
-300	-250	-100	-50	3	250	5.39	203.20	4.83
-300	-250	-50	0	4	250	3.01	226.95	4.40
-300	-250	0	50	5	250	1.71	225.63	5.50
-250	-200	-150	-100	1	300	27.82	87.40	5.83
-250	-200	-100	-50	2	300	8.77	110.21	4.22
-250	-200	-50	0	3	300	4.15	130.38	3.10
-250	-200	0	50	4	300	2.08	130.69	6.20
-250	-200	50	100	5	300	1.52	167.13	6.29
-200	-150	-100	-50	1	270	28.59	99.80	5.54
-200	-150	-50	0	2	270	10.24	142.98	5.90
-200	-150	0	50	3	270	4.40	153.59	5.05
-200	-150	50	100	4	270	2.67	186.40	6.26
-200	-150	100	150	5	270	1.96	239.46	4.43
-150	-100	-50	0	1	280	28.97	97.51	6.45
-150	-100	0	50	2	280	9.24	124.41	5.38
-150	-100	50	100	3	280	4.72	158.87	6.26
-150	-100	100	150	4	280	3.22	216.77	5.22
-150	-100	150	200	5	280	2.50	294.52	3.51
-100	-50	0	50	1	300	21.11	66.32	4.53
-100	-50	50	100	2	300	8.01	100.66	4.75
-100	-50	100	150	3	300	4.67	146.71	3.74
-100	-50	150	200	4	300	3.35	210.49	3.01
-100	-50	200	250	5	300	2.26	248.50	2.68
-50	0	50	100	1	280	18.59	62.57	5.97
-50	0	100	150	2	280	8.20	110.40	5.04
-50	0	150	200	3	280	4.90	164.93	5.76
-50	0	200	250	4	280	3.12	210.04	5.22
-50	0	250	300	5	280	2.82	332.22	3.55
0	50	100	150	1	280	22.56	75.94	5.27
0	50	150	200	2	280	9.67	130.20	5.66
0	50	200	250	3	280	5.56	187.15	5.81
0	50	250	300	4	280	4.45	299.57	5.60
0	50	300	350	5	280	3.94	464.17	5.81
50	100	150	200	1	470	68.87	138.10	9.61
50	100	200	250	2	470	25.02	200.69	8.76
50	100	250	300	3	470	18.21	365.16	8.48
50	100	300	350	4	470	15.22	610.40	9.03
50	100	350	400	5	470	7.68	539.02	8.53

**Sagala Line-N2500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
100	150	200	250	1	980	140.58	135.20	8.21
100	150	250	300	2	980	83.08	319.60	7.93
100	150	300	350	3	980	65.43	629.25	8.62
100	150	350	400	4	980	30.80	592.41	8.50
100	150	400	450	5	980	10.20	343.33	6.30
150	200	250	300	1	450	83.40	174.67	8.33
150	200	300	350	2	450	58.48	489.92	9.37
150	200	350	400	3	450	25.47	533.44	9.44
150	200	400	450	4	450	8.00	335.10	7.81
150	200	450	500	5	450	6.64	486.74	7.85
200	250	300	350	1	200	42.93	202.30	7.90
200	250	350	400	2	200	14.61	275.39	8.06
200	250	400	450	3	200	4.19	197.45	6.80
200	250	450	500	4	200	3.23	304.42	7.22
200	250	500	550	5	200	1.41	232.56	5.35
250	300	350	400	1	200	45.61	214.93	7.56
250	300	400	450	2	200	10.19	192.08	5.57
250	300	450	500	3	200	5.73	270.02	5.89
250	300	500	550	4	200	2.32	218.65	3.55
250	300	550	600	5	200	2.21	364.50	5.53
300	350	400	450	1	340	64.21	177.99	6.82
300	350	450	500	2	340	26.56	294.50	6.69
300	350	500	550	3	340	9.30	257.80	4.45
300	350	550	600	4	340	8.05	446.29	6.03
300	350	600	650	5	340	8.15	790.71	5.46
350	400	450	500	1	750	128.67	161.69	9.68
350	400	500	550	2	750	29.80	149.79	5.91
350	400	550	600	3	750	21.12	265.40	7.06
350	400	600	650	4	750	18.74	470.99	7.10
350	400	650	700	5	750	12.21	537.02	6.34
400	450	500	550	1	470	50.87	102.01	6.10
400	450	550	600	2	470	22.36	179.35	6.15
400	450	600	650	3	470	17.71	355.13	6.49
400	450	650	700	4	470	9.42	377.79	5.52
400	450	700	750	5	470	4.20	294.77	5.81
450	500	550	600	1	270	47.22	164.83	6.73
450	500	600	650	2	270	31.66	442.06	7.52
450	500	650	700	3	270	14.36	501.26	6.82
450	500	700	750	4	270	5.60	390.95	7.19
450	500	750	800	5	270	2.70	329.87	5.98
500	550	600	650	1	400	81.17	191.25	6.34
500	550	650	700	2	400	25.87	243.82	5.87
500	550	700	750	3	400	10.61	249.99	6.35
500	550	750	800	4	400	3.92	184.73	3.49
500	550	800	850	5	400	2.23	183.90	1.74
550	600	650	700	1	400	131.40	309.60	9.35
550	600	700	750	2	400	33.80	318.56	9.45
550	600	750	800	3	400	11.98	282.27	7.81
550	600	800	850	4	400	6.41	302.06	6.38
550	600	850	900	5	400	3.97	327.39	7.13
600	650	700	750	1	300	96.77	304.01	8.22
600	650	750	800	2	300	26.04	327.23	6.53
600	650	800	850	3	300	12.32	387.04	5.17
600	650	850	900	4	300	7.15	449.25	4.91
600	650	900	950	5	300	3.73	410.13	5.14

**Sagala Line-N2500**

Curr.Elect		Pot.Elect		n	Current (mA)	Potential (mV)	App.Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
650	700	750	800	1	170	26.34	146.03	5.85
650	700	800	850	2	170	7.76	172.09	3.59
650	700	850	900	3	170	3.83	212.33	3.86
650	700	900	950	4	170	2.39	265.00	4.18
650	700	950	1000	5	170	2.60	504.50	5.17
700	750	800	850	1	100	8.68	81.81	2.50
700	750	850	900	2	100	3.44	129.68	2.86
700	750	900	950	3	100	1.48	139.49	1.89
700	750	950	1000	4	100	1.53	288.40	2.33
700	750	1000	1050	5	100	0.86	283.69	1.34
750	800	850	900	1	90	4.82	50.47	0.26
750	800	900	950	2	90	1.57	65.76	1.43
750	800	950	1000	3	90	1.36	142.42	1.64
750	800	1000	1050	4	90	0.77	161.27	2.62
750	800	1050	1100	5	90	0.49	179.59	1.44
800	850	900	950	1	160	9.67	56.96	2.20
800	850	950	1000	2	160	5.99	141.14	2.15
800	850	1000	1050	3	160	2.82	166.11	2.60
800	850	1050	1100	4	160	1.78	209.70	1.80
800	850	1100	1150	5	160	0.83	171.12	1.38
850	900	950	1000	1	350	33.47	90.13	6.75
850	900	1000	1050	2	350	12.06	129.90	5.62
850	900	1050	1100	3	350	7.36	198.19	5.57
850	900	1100	1150	4	350	3.13	168.57	3.95
850	900	1150	1200	5	350	2.36	222.42	7.41
900	950	1000	1050	1	270	28.51	99.52	13.50
900	950	1050	1100	2	270	12.23	170.76	6.59
900	950	1100	1150	3	270	4.55	158.82	5.70
900	950	1150	1200	4	270	3.05	212.93	5.45
900	950	1200	1250	5	270	2.23	272.45	5.51
950	1000	1050	1100	1	350	56.83	153.03	10.34
950	1000	1100	1150	2	350	16.08	173.20	6.90
950	1000	1150	1200	3	350	9.51	256.08	7.27
950	1000	1200	1250	4	350	6.63	357.06	7.48
950	1000	1250	1300	5	350	3.67	345.89	5.50
1000	1050	1100	1150	1	320	30.14	88.77	7.06
1000	1050	1150	1200	2	320	10.86	127.94	6.63
1000	1050	1200	1250	3	320	6.27	184.67	5.73
1000	1050	1250	1300	4	320	3.31	194.98	4.64
1000	1050	1300	1350	5	320	2.37	244.31	5.18
1050	1100	1150	1200	1	200	20.39	96.09	6.01
1050	1100	1200	1250	2	200	8.14	153.44	5.77
1050	1100	1250	1300	3	200	3.50	164.93	5.03
1050	1100	1300	1350	4	200	2.14	201.69	2.97
1050	1100	1350	1400	5	200	1.28	211.12	7.89
1100	1150	1200	1250	1	125	9.55	72.01	2.50
1100	1150	1250	1300	2	125	2.83	85.35	1.24
1100	1150	1300	1350	3	125	1.36	102.54	0.06
1100	1150	1350	1400	4	125	0.70	105.56	3.37
1100	1150	1400	1450	5	125	1.15	303.48	2.79
1150	1200	1250	1300	1	100	8.43	79.45	2.26
1150	1200	1300	1350	2	100	2.75	103.67	1.92
1150	1200	1350	1400	3	100	1.17	110.27	1.03
1150	1200	1400	1450	4	100	1.43	269.55	2.91
1150	1200	1450	1500	5	100	0.81	267.19	1.66



**Sagala Line-N2500**

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1200	1250	1300	1350	1	80	6.89	81.17	0.42
1200	1250	1350	1400	2	80	2.09	98.49	-1.05
1200	1250	1400	1450	3	80	2.26	266.25	0.32
1200	1250	1450	1500	4	80	1.20	282.74	-1.85
1200	1250	1500	1550	5	80	0.47	193.80	-0.24
1250	1300	1350	1400	1	150	10.58	66.48	2.77
1250	1300	1400	1450	2	150	7.60	191.01	3.76
1250	1300	1450	1500	3	150	3.26	204.83	5.14
1250	1300	1500	1550	4	150	1.29	162.11	2.47
1250	1300	1550	1600	5	150	0.79	173.73	-18.58
1300	1350	1400	1450	1	120	17.09	134.22	4.07
1300	1350	1450	1500	2	120	5.69	178.76	1.82
1300	1350	1500	1550	3	120	1.82	142.94	-1.10
1300	1350	1550	1600	4	120	0.97	152.37	8.91
1300	1350	1600	1650	5	120	1.11	305.13	1.59
1350	1400	1450	1500	1	90	14.67	153.62	0.65
1350	1400	1500	1550	2	90	3.64	152.47	1.39
1350	1400	1550	1600	3	90	1.60	167.55	1.30
1350	1400	1600	1650	4	90	1.56	326.73	-1.55
1350	1400	1650	1700	5	90	0.98	359.19	-0.41
1400	1450	1500	1550	1	120	24.35	191.24	4.13
1400	1450	1550	1600	2	120	8.82	277.09	4.83
1400	1450	1600	1650	3	120	7.47	586.69	2.46
1400	1450	1650	1700	4	120	4.05	636.17	3.67
1400	1450	1700	1750	5	120	3.60	989.60	2.18
1450	1500	1550	1600	1	150	21.67	136.16	5.07
1450	1500	1600	1650	2	150	14.36	360.91	2.78
1450	1500	1650	1700	3	150	6.65	417.83	3.76
1450	1500	1700	1750	4	150	5.75	722.57	2.43
1450	1500	1750	1800	5	150	2.70	593.76	3.44
1500	1550	1600	1650	1	320	71.07	209.32	8.04
1500	1550	1650	1700	2	320	20.08	236.56	5.24
1500	1550	1700	1750	3	320	16.19	476.83	4.12
1500	1550	1750	1800	4	320	7.20	424.11	7.16
1500	1550	1800	1850	5	320	2.58	265.96	1.52
1550	1600	1650	1700	1	500	174.44	328.81	10.57
1550	1600	1700	1750	2	500	88.28	665.62	6.41
1550	1600	1750	1800	3	500	35.60	671.04	9.00
1550	1600	1800	1850	4	500	11.33	427.13	6.86
1550	1600	1850	1900	5	500	6.51	429.49	6.10
1600	1650	1700	1750	1	300	195.08	612.86	12.60
1600	1650	1750	1800	2	300	61.37	771.20	6.64
1600	1650	1800	1850	3	300	18.75	589.05	3.92
1600	1650	1850	1900	4	300	10.04	630.83	3.02
1600	1650	1900	1950	5	300	3.49	383.75	1.38
1650	1700	1750	1800	1	250	192.97	727.48	20.28
1650	1700	1800	1850	2	250	34.60	521.76	9.09
1650	1700	1850	1900	3	250	15.43	581.70	5.64
1650	1700	1900	1950	4	250	4.80	361.91	4.71
1650	1700	1950	2000	5	250	4.20	554.18	6.21
1700	1750	1800	1850	1	200	120.25	566.66	24.44
1700	1750	1850	1900	2	200	28.79	542.68	6.52
1700	1750	1900	1950	3	200	7.84	369.45	3.89
1700	1750	1950	2000	4	200	6.16	580.57	5.53
1750	1800	1850	1900	1	220	151.47	648.90	29.32

### Sagala Line-N2500

Curr. Elect		Pot. Elect		n	Current (mA)	Potential (mV)	App. Resistivity ( $\Omega \cdot m$ )	Chargeability (mV/V)
C1	C2	P1	P2					
1750	1800	1900	1950	2	220	13.64	233.73	9.70
1750	1800	1950	2000	3	220	8.28	354.71	7.36
1800	1850	1900	1950	1	250	130.88	493.41	32.99
1800	1850	1950	2000	2	250	19.94	300.69	15.18
1850	1900	1950	2000	1	220	286.56	1227.62	34.07