

Exhibit 15-R-1
Composite WSOM M-3 Conductivity Data

WSOM	600 kHz	Lic	DA2U	BL000410CH	20060522
OH SALEM				1.000 kW 2 Towers	0 Augmentations
N.Lat: 40 49 47	W.Lon: 80 55 49				0 Measured Cond

' ' means estimated conductivity, from M-3 map.
'M*' means measured conductivity (main bearing).

All distances are in kilometers (US metric curves)
All distances are cumulative.
All radiations are in mV/m at one kilometer

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
0.0	356.2	8.0	155.5	10.0	203.3	4.0	265.0
		6.0	380.6	4.0	417.1	10.0	422.4
		4.0	440.4	10.0	500.0		
5.0	406.7	8.0	118.0	4.0	118.7	8.0	158.4
		10.0	199.7	4.0	301.2	6.0	350.6
		4.0	418.0	10.0	500.0		
10.0	450.3	8.0	117.4	4.0	124.2	8.0	162.9
		10.0	196.8	4.0	417.2	10.0	423.5
		4.0	430.9	10.0	434.3	4.0	455.0
		10.0	463.9	1.0	500.0		
15.0	484.0	8.0	117.7	4.0	131.3	8.0	171.0
		10.0	199.4	4.0	200.5	10.0	223.7
		20.0	292.8	4.0	305.5	10.0	346.6
		6.0	349.0	4.0	451.7	1.0	500.0
20.0	505.5	8.0	118.9	4.0	143.4	8.0	181.5
		10.0	203.5	4.0	204.2	10.0	234.8
		20.0	286.1	15.0	325.0	6.0	462.2
		1.0	500.0				
25.0	513.1	8.0	121.4	4.0	158.4	8.0	160.9
		4.0	163.9	8.0	198.7	10.0	247.6
		20.0	291.7	15.0	369.4	6.0	475.9
		1.0	500.0				
30.0	506.0	8.0	125.0	4.0	184.8	8.0	224.7
		10.0	264.0	20.0	305.0	8.0	352.0
		15.0	398.5	6.0	462.1	4.0	506.2
35.0	484.1	8.0	129.8	4.0	193.6	8.0	271.2
		10.0	280.5	20.0	286.6	8.0	380.0
		15.0	435.6	6.0	437.0	4.0	500.0

Exhibit 15-R-1 (cont.)
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N.Lat: 40 49 47	W.Lon: 80 55 49				0 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
40.0	448.6	8.0	136.1	4.0	231.2	8.0	406.9
		15.0	454.9	4.0	473.1	15.0	479.1
		10.0	482.2	15.0	485.9	10.0	500.0
45.0	401.2	8.0	136.9	2.0	154.9	4.0	313.1
		8.0	445.2	15.0	492.0	8.0	500.0
50.0	344.6	8.0	118.8	2.0	170.7	4.0	326.4
		8.0	351.8	4.0	479.4	8.0	494.6
		4.0	500.0				
55.0	282.2	8.0	105.7	2.0	180.3	4.0	500.0
60.0	218.1	8.0	94.6	2.0	192.6	4.0	500.0
65.0	157.7	8.0	85.2	4.0	86.5	2.0	209.6
		4.0	500.0				
70.0	111.5	8.0	76.6	4.0	89.9	2.0	235.9
		4.0	500.0				
75.0	97.4	8.0	66.7	4.0	94.3	2.0	273.4
		4.0	500.0				
80.0	119.8	8.0	59.0	4.0	100.0	2.0	352.5
		4.0	500.0				
85.0	157.4	8.0	51.9	4.0	107.3	2.0	405.3
		4.0	434.0	2.0	500.0		
90.0	196.0	8.0	46.3	4.0	116.7	2.0	237.5
		4.0	259.3	2.0	442.8	4.0	500.0
95.0	230.5	8.0	42.1	4.0	128.3	2.0	223.8
		4.0	274.5	2.0	371.2	4.0	500.0
100.0	259.3	8.0	38.9	4.0	142.1	2.0	216.4
		4.0	276.0	2.0	349.8	4.0	500.0
105.0	281.7	8.0	36.5	4.0	160.7	2.0	210.8
		4.0	273.8	2.0	340.2	4.0	471.1
110.0	298.0	5000.0	479.1	4.0	500.0		
		8.0	34.5	4.0	192.6	2.0	201.8
		4.0	271.7	2.0	334.2	4.0	367.3
		2.0	399.3	4.0	424.6	40.0	427.4
115.0	308.1	4.0	433.1	40.0	441.2	4.0	500.0
		8.0	33.0	4.0	270.1	2.0	399.2
		4.0	410.5	40.0	411.8	4.0	415.9
		40.0	420.0	4.0	423.8	40.0	455.0
120.0	312.2	4.0	500.0				
		8.0	31.9	4.0	266.7	2.0	395.3
		4.0	439.5	40.0	466.0	4.0	477.7
		2.0	500.0				

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
125.0	310.4	8.0	31.0	4.0	265.3	2.0	395.5
		4.0	403.6	5000.0	405.8	4.0	481.7
		5000.0	500.0				
130.0	302.7	8.0	30.4	4.0	263.2	2.0	411.0
		4.0	412.5	5000.0	421.1	4.0	500.0
135.0	289.0	8.0	30.1	4.0	256.6	2.0	500.0
140.0	269.0	8.0	30.0	4.0	250.2	2.0	500.0
145.0	242.7	8.0	30.2	4.0	241.2	2.0	500.0
150.0	210.4	8.0	30.5	4.0	136.5	2.0	155.0
		4.0	231.2	2.0	500.0		
155.0	173.2	8.0	31.1	4.0	126.9	2.0	159.9
		4.0	223.0	2.0	500.0		
160.0	134.2	8.0	32.0	4.0	122.0	2.0	166.4
		4.0	214.6	2.0	449.4	4.0	500.0
165.0	103.0	8.0	33.2	4.0	121.9	2.0	174.8
		4.0	206.0	2.0	448.5	4.0	500.0
170.0	100.9	8.0	34.8	4.0	123.0	2.0	500.0
175.0	136.7	8.0	36.8	4.0	125.2	2.0	500.0
180.0	193.1	8.0	39.4	4.0	128.4	2.0	500.0
185.0	256.5	8.0	42.8	4.0	132.8	2.0	500.0
190.0	320.2	8.0	47.1	4.0	137.4	2.0	413.2
		4.0	481.7	2.0	500.0		
195.0	379.5	8.0	53.2	4.0	143.5	2.0	436.4
		4.0	500.0				
200.0	430.9	8.0	61.7	4.0	148.7	2.0	464.1
		4.0	500.0				
205.0	471.5	8.0	74.1	4.0	155.4	2.0	497.8
		4.0	500.3				
210.0	499.0	8.0	93.5	4.0	162.4	2.0	500.0
215.0	512.1	8.0	121.7	4.0	169.1	2.0	500.0
220.0	510.3	8.0	170.4	4.0	173.4	2.0	372.8
		8.0	500.0				
225.0	494.2	8.0	216.7	2.0	330.1	8.0	440.7
		4.0	500.0				
230.0	465.1	8.0	259.0	2.0	276.5	8.0	459.5
		4.0	500.0				
235.0	425.2	8.0	490.2	4.0	500.0		
240.0	377.0	8.0	500.0				
245.0	323.7	8.0	500.0				
250.0	268.4	8.0	500.0				

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
255.0	214.5	8.0	176.9	15.0	277.5	8.0	500.0
260.0	165.5	8.0	168.7	15.0	390.0	8.0	500.0
265.0	126.2	8.0	166.1	15.0	449.1	8.0	500.0
270.0	102.2	8.0	164.8	15.0	237.6	8.0	307.5
		15.0	400.0	8.0	500.0		
275.0	97.3	8.0	163.9	15.0	229.9	8.0	500.0
280.0	106.4	8.0	164.2	15.0	231.3	8.0	500.0
285.0	120.4	8.0	163.8	15.0	233.6	8.0	396.5
		2.0	493.4	8.0	500.0		
290.0	133.5	8.0	164.5	15.0	234.0	8.0	329.6
		4.0	386.1	2.0	480.7	8.0	500.0
295.0	142.5	8.0	162.8	15.0	172.0	8.0	177.1
		15.0	188.8	8.0	189.1	15.0	222.8
		8.0	311.6	4.0	375.1	2.0	480.0
		8.0	500.0				
300.0	146.4	8.0	308.2	4.0	360.2	8.0	370.6
		2.0	405.6	8.0	456.2	2.0	496.4
		8.0	500.0				
305.0	144.7	8.0	166.3	10.0	219.9	8.0	479.0
		2.0	500.0				
310.0	137.6	8.0	152.2	10.0	203.8	20.0	235.1
		8.0	502.9				
315.0	126.0	8.0	147.8	10.0	183.4	20.0	240.3
		8.0	500.0				
320.0	111.8	8.0	145.0	10.0	188.0	20.0	245.4
		15.0	270.6	8.0	500.0		
325.0	99.7	8.0	143.4	10.0	185.4	20.0	251.8
		15.0	335.7	8.0	500.0		
330.0	98.0	8.0	143.0	10.0	184.4	20.0	252.8
		15.0	390.5	8.0	500.0		
335.0	114.4	8.0	143.6	10.0	176.8	20.0	270.1
		10.0	278.0	8.0	306.1	15.0	395.2
		8.0	500.0				
340.0	148.3	8.0	144.6	10.0	190.3	20.0	272.7
		10.0	303.2	8.0	500.0		
345.0	194.0	8.0	146.5	10.0	197.7	20.0	276.0
		6.0	281.9	10.0	405.9	8.0	503.0

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OH SALEM				1.000 kW	2 Towers
N.Lat: 40 49 47	W.Lon: 80 55 49				0 Augmentations
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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
350.0	246.5	8.0	149.5	10.0	203.5	20.0	267.6
		6.0	368.7	10.0	500.0		
355.0	301.7	8.0	152.4	10.0	205.3	20.0	258.7
		6.0	401.5	4.0	408.5	10.0	465.6
		4.0	492.0	10.0	500.0		