

**Exhibit 15-J-2**  
**Composite WGCV Conductivity Data**

WGCV	620 kHz	Lic	ND2U	BL050218CR	20060522
SC CAYCE				2.500 kW 1 Tower	0 Augmentations
N.Lat: 33 57 34	W.Lon: 81 02 28				2 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	468.5	2.0	43.1	4.0	126.2	2.0	500.0
5.0	468.5	2.0	46.7	4.0	138.6	2.0	500.0
10.0	468.5	2.0	51.4	4.0	157.9	2.0	500.0
15.0	468.5	2.0	57.6	4.0	210.8	2.0	500.0
17.0-	468.5	2.0-	19.3	1.5-	100.9	4.0	222.4
		2.0	500.0				
20.0-	468.5	2.0-	19.3	1.5-	100.9	4.0	238.6
		2.0	298.9	4.0	341.9	2.0	500.0
25.0-	468.5	2.0-	19.3	1.5-	100.9	4.0	379.4
		2.0	500.0				
27.0M*	468.5	2.0M*	19.3	1.5M*	100.9	4.0	376.0
		2.0	500.0				
30.0+	468.5	2.0+	19.3	1.5+	100.9	2.0	105.8
		4.0	369.3	2.0	500.0		
35.0+	468.5	2.0+	19.3	1.5+	100.9	2.0	152.7
		4.0	353.5	2.0	500.0		
37.0+	468.5	2.0+	19.3	1.5+	100.9	2.0	171.9
		4.0	342.5	2.0	500.0		
40.0-	468.5	1.5-	9.7	2.0-	19.3	1.5-	51.5
		0.8-	127.0	2.0	212.2	4.0	323.7
		2.0	500.0				
45.0-	468.5	1.5-	9.7	2.0-	19.3	1.5-	51.5
		0.8-	127.0	2.0	249.4	4.0	290.7
		2.0	500.0				
47.0M*	468.5	1.5M*	9.7	2.0M*	19.3	1.5M*	51.5
		0.8M*	127.0	2.0	253.4	4.0	294.2
		2.0	500.0				

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N.Lat: 33 57 34    W.Lon: 81 02 28        2 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
50.0+	468.5	1.5+	9.7	2.0+	19.3	1.5+	51.5
		0.8+	127.0	2.0	258.5	4.0	300.3
		2.0	501.4				
55.0+	468.5	1.5+	9.7	2.0+	19.3	1.5+	51.5
		0.8+	127.0	2.0	266.0	4.0	313.0
		2.0	466.6	4.0	500.0		
57.0+	468.5	1.5+	9.7	2.0+	19.3	1.5+	51.5
		0.8+	127.0	2.0	267.5	4.0	319.1
		2.0	454.3	4.0	457.3	5000.0	460.6
		4.0	500.0				
60.0	468.5	2.0	270.4	4.0	329.8	2.0	428.8
		4.0	446.2	5000.0	449.0	4.0	452.9
		5000.0	497.5	4.0	499.7	5000.0	502.7
65.0	468.5	2.0	277.1	4.0	406.4	5000.0	412.6
		4.0	497.2	5000.0	503.1		
70.0	468.5	2.0	221.3	4.0	388.0	5000.0	390.6
		4.0	434.1	5000.0	437.2	4.0	438.6
		5000.0	500.0				
75.0	468.5	2.0	121.7	4.0	341.4	5000.0	344.2
		4.0	444.6	5000.0	500.0		
80.0	468.5	2.0	70.2	4.0	324.5	5000.0	500.0
85.0	468.5	2.0	48.6	4.0	296.7	5000.0	500.0
90.0	468.5	2.0	39.3	4.0	280.1	5000.0	500.0
95.0	468.5	2.0	33.2	4.0	211.5	5000.0	500.0
100.0	468.5	2.0	28.9	4.0	198.9	5000.0	500.0
105.0	468.5	2.0	25.8	4.0	190.0	5000.0	500.0
110.0	468.5	2.0	23.5	4.0	178.3	5000.0	178.6
		4.0	186.3	5000.0	500.0		
115.0	468.5	2.0	21.7	4.0	187.1	5000.0	190.5
		4.0	191.0	5000.0	500.0		
120.0	468.5	2.0	20.3	4.0	187.2	5000.0	500.0
125.0	468.5	2.0	19.2	4.0	178.4	5000.0	179.3
		4.0	183.4	5000.0	500.0		
130.0	468.5	2.0	18.3	4.0	175.0	5000.0	500.0
135.0	468.5	2.0	17.7	4.0	172.9	5000.0	500.0
140.0	468.5	2.0	17.2	4.0	175.6	5000.0	500.0
145.0	468.5	2.0	16.8	4.0	178.2	5000.0	500.0
150.0	468.5	2.0	16.7	4.0	177.6	5000.0	500.0
155.0	468.5	2.0	16.8	4.0	176.8	5000.0	500.0
160.0	468.5	2.0	17.1	4.0	172.4	5000.0	500.0

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
165.0	468.5	2.0	17.6	4.0	171.4	8.0	182.5
		5000.0	500.0				
170.0	468.5	2.0	18.2	4.0	163.6	8.0	186.0
		5000.0	500.0				
175.0	468.5	2.0	19.0	4.0	173.9	8.0	205.8
		5000.0	500.0				
180.0	468.5	2.0	20.1	4.0	198.7	8.0	216.2
		5000.0	514.5				
185.0	468.5	2.0	21.4	4.0	225.3	8.0	253.2
		5000.0	257.2	8.0	270.4	5000.0	405.2
		8.0	442.6	4.0	472.1	2.0	500.0
190.0	468.5	2.0	23.1	4.0	320.4	8.0	333.4
		4.0	465.3	2.0	500.0		
195.0	468.5	2.0	25.4	4.0	422.7	2.0	499.8
		4.0	500.0				
200.0	468.5	2.0	29.0	4.0	392.5	2.0	466.1
		4.0	500.0				
205.0	468.5	2.0	33.9	4.0	372.6	2.0	492.3
		4.0	500.0				
210.0	468.5	2.0	42.3	4.0	357.1	2.0	500.0
215.0	468.5	2.0	162.0	4.0	346.1	2.0	500.0
220.0	468.5	2.0	170.5	4.0	362.7	2.0	500.0
225.0	468.5	2.0	174.0	4.0	492.6	2.0	500.0
230.0	468.5	2.0	172.7	4.0	500.0		
235.0	468.5	2.0	160.6	4.0	500.0		
240.0	468.5	2.0	131.6	4.0	500.0		
245.0	468.5	2.0	104.1	4.0	500.0		
250.0	468.5	2.0	85.1	4.0	476.6	8.0	500.0
255.0	468.5	2.0	70.8	4.0	296.8	1.0	304.4
		4.0	338.6	2.0	448.3	4.0	500.0
260.0	468.5	2.0	61.0	4.0	273.1	1.0	321.0
		2.0	478.8	4.0	500.0		
265.0	468.5	2.0	54.0	4.0	258.8	1.0	309.8
		2.0	466.6	4.0	500.0		
270.0	468.5	2.0	48.7	4.0	256.0	2.0	261.0
		1.0	299.1	2.0	428.1	4.0	493.5
		2.0	500.0				

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
275.0	468.5	2.0	44.7	4.0	234.7	2.0	267.9
		1.0	288.9	2.0	389.8	4.0	448.4
		2.0	500.0				
280.0	468.5	2.0	41.6	4.0	213.7	2.0	345.7
		4.0	423.7	2.0	528.9		
285.0	468.5	2.0	39.2	4.0	196.8	2.0	331.3
		4.0	409.0	2.0	499.9	4.0	500.2
290.0	468.5	2.0	37.3	4.0	179.2	2.0	331.7
		4.0	397.8	2.0	476.4	4.0	500.0
295.0	468.5	2.0	35.8	4.0	163.0	2.0	455.0
		4.0	500.0				
300.0	468.5	2.0	34.7	4.0	148.4	2.0	434.4
		4.0	500.0				
305.0	468.5	2.0	33.9	4.0	133.8	2.0	428.2
		4.0	500.0				
310.0	468.5	2.0	33.4	4.0	122.7	2.0	458.4
		4.0	500.0				
315.0	468.5	2.0	33.1	4.0	114.1	2.0	478.9
		4.0	500.0				
320.0	468.5	2.0	33.0	4.0	107.8	2.0	486.0bbbbbb
		8.0	496.5	4.0	500.0		
325.0	468.5	2.0	33.1	4.0	103.2	2.0	284.4
		4.0	324.9	2.0	465.2	8.0	500.0
330.0	468.5	2.0	33.5	4.0	100.6	2.0	284.7
		4.0	365.8	2.0	477.6	8.0	500.0
335.0	468.5	2.0	34.2	4.0	100.5	2.0	286.4
		4.0	359.7	2.0	540.8		
340.0	468.5	2.0	35.1	4.0	101.4	2.0	290.5
		4.0	356.9	2.0	500.0		
345.0	468.5	2.0	36.4	4.0	105.5	2.0	297.1
		4.0	357.7	2.0	500.0		
350.0	468.5	2.0	38.1	4.0	110.8	2.0	306.2
		4.0	361.6	2.0	500.0		
355.0	468.5	2.0	40.3	4.0	117.5	2.0	500.0