

Distance to 34dBu Contour Report

rfSoftware, Inc.

Job: BRE_267_File.fmj:*Proposed
 N48:01:00 W119:58:51 NAD-27
 Channel: 267 Class: DX
 Signal Level: 34dBu(0.05mV/m) [50-10]
 Max ERP: 0.01kW(-20.0dBk) HAAT: 863.5 meters
 Description: Exhibit 12-7

rfInvestigator-FM Version 2.0.79
 by rfSoftware, Inc.
 Date: 8/19/2003 12:49:52 PM
 FCC 30-Sec DEM(NGDC)
 Page 1 of 2

Site Elevation: 1,601 meters AMSL Rad Center: 1,611.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	76.1	(47.3)	047	86.3	(53.6)	094	78.5	(48.8)	141	75.7	(47.1)
001	76.2	(47.3)	048	86.7	(53.9)	095	78.3	(48.6)	142	75.8	(47.1)
002	76.3	(47.4)	049	87.2	(54.2)	096	78.1	(48.5)	143	76.0	(47.2)
003	76.3	(47.4)	050	87.7	(54.5)	097	78.0	(48.5)	144	76.2	(47.4)
004	76.4	(47.5)	051	88.3	(54.9)	098	77.8	(48.4)	145	76.5	(47.5)
005	76.4	(47.5)	052	88.9	(55.3)	099	77.8	(48.3)	146	76.7	(47.7)
006	76.3	(47.4)	053	89.5	(55.6)	100	77.8	(48.3)	147	76.9	(47.8)
007	76.1	(47.3)	054	90.1	(56.0)	101	77.8	(48.4)	148	77.1	(47.9)
008	75.9	(47.2)	055	90.6	(56.3)	102	77.8	(48.4)	149	77.3	(48.0)
009	75.9	(47.2)	056	90.9	(56.5)	103	77.8	(48.4)	150	77.5	(48.2)
010	75.9	(47.1)	057	91.0	(56.6)	104	77.8	(48.4)	151	77.7	(48.3)
011	76.0	(47.2)	058	91.0	(56.5)	105	77.8	(48.4)	152	77.9	(48.4)
012	76.1	(47.3)	059	90.9	(56.5)	106	77.8	(48.4)	153	78.1	(48.5)
013	76.3	(47.4)	060	90.6	(56.3)	107	77.9	(48.4)	154	78.2	(48.6)
014	76.5	(47.6)	061	90.4	(56.2)	108	77.9	(48.4)	155	78.3	(48.7)
015	76.7	(47.7)	062	90.1	(56.0)	109	78.0	(48.5)	156	78.4	(48.7)
016	76.9	(47.8)	063	89.8	(55.8)	110	78.1	(48.5)	157	78.3	(48.7)
017	77.0	(47.8)	064	89.5	(55.6)	111	78.2	(48.6)	158	78.3	(48.6)
018	77.1	(47.9)	065	89.2	(55.4)	112	78.3	(48.6)	159	78.1	(48.5)
019	77.2	(48.0)	066	88.7	(55.1)	113	78.3	(48.7)	160	77.8	(48.3)
020	77.3	(48.1)	067	88.3	(54.9)	114	78.4	(48.7)	161	77.2	(48.0)
021	77.5	(48.2)	068	87.9	(54.6)	115	78.5	(48.8)	162	76.6	(47.6)
022	77.8	(48.4)	069	87.4	(54.3)	116	78.5	(48.8)	163	76.0	(47.2)
023	78.2	(48.6)	070	86.9	(54.0)	117	78.6	(48.8)	164	75.4	(46.8)
024	78.7	(48.9)	071	86.3	(53.7)	118	78.7	(48.9)	165	74.8	(46.5)
025	79.3	(49.3)	072	85.8	(53.3)	119	78.7	(48.9)	166	74.5	(46.3)
026	79.9	(49.7)	073	85.3	(53.0)	120	78.7	(48.9)	167	74.3	(46.2)
027	80.5	(50.0)	074	84.7	(52.6)	121	78.8	(49.0)	168	74.0	(46.0)
028	80.9	(50.3)	075	84.2	(52.3)	122	78.8	(49.0)	169	73.5	(45.7)
029	81.2	(50.5)	076	83.8	(52.1)	123	78.7	(48.9)	170	73.0	(45.4)
030	81.6	(50.7)	077	83.5	(51.9)	124	78.5	(48.8)	171	72.6	(45.1)
031	81.8	(50.8)	078	83.2	(51.7)	125	78.3	(48.7)	172	72.0	(44.7)
032	82.1	(51.0)	079	82.9	(51.5)	126	78.3	(48.7)	173	71.3	(44.3)
033	82.4	(51.2)	080	82.7	(51.4)	127	78.3	(48.7)	174	70.7	(43.9)
034	82.7	(51.4)	081	82.4	(51.2)	128	78.4	(48.7)	175	70.3	(43.7)
035	82.9	(51.5)	082	82.1	(51.0)	129	78.3	(48.7)	176	69.9	(43.4)
036	83.2	(51.7)	083	81.8	(50.8)	130	78.1	(48.5)	177	69.6	(43.2)
037	83.4	(51.8)	084	81.5	(50.7)	131	77.7	(48.3)	178	69.2	(43.0)
038	83.5	(51.9)	085	81.2	(50.5)	132	77.2	(48.0)	179	68.8	(42.8)
039	83.7	(52.0)	086	80.9	(50.3)	133	76.9	(47.8)	180	68.4	(42.5)
040	83.9	(52.1)	087	80.6	(50.1)	134	76.6	(47.6)	181	68.2	(42.4)
041	84.2	(52.3)	088	80.2	(49.9)	135	76.4	(47.5)	182	68.3	(42.4)
042	84.4	(52.5)	089	79.9	(49.7)	136	76.4	(47.4)	183	68.2	(42.4)
043	84.7	(52.7)	090	79.6	(49.5)	137	76.3	(47.4)	184	67.9	(42.2)
044	85.1	(52.9)	091	79.3	(49.3)	138	76.1	(47.3)	185	67.6	(42.0)
045	85.5	(53.2)	092	79.1	(49.1)	139	75.9	(47.2)	186	67.2	(41.7)
046	85.9	(53.4)	093	78.8	(49.0)	140	75.8	(47.1)	187	66.8	(41.5)

Distance to 34dBu Contour Report

rfSoftware, Inc.

Job: BRE_267_File.fmj:*Proposed
 N48:01:00 W119:58:51 NAD-27
 Channel: 267 Class: DX
 Signal Level: 34dBu(0.05mV/m) [50-10]
 Max ERP: 0.01kW(-20.0dBk) HAAT: 863.5 meters
 Description: Exhibit 12-7

rfInvestigator-FM Version 2.0.79
 by rfSoftware, Inc.
 Date: 8/19/2003 12:49:52 PM
 FCC 30-Sec DEM(NGDC)
 Page 2 of 2

Site Elevation: 1,601 meters AMSL Rad Center: 1,611.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
188	66.6	(41.4)	235	67.9	(42.2)	282	42.4	(26.4)	329	71.7	(44.6)
189	66.7	(41.4)	236	68.1	(42.3)	283	42.8	(26.6)	330	72.1	(44.8)
190	66.8	(41.5)	237	67.9	(42.2)	284	43.3	(26.9)	331	72.2	(44.9)
191	66.7	(41.5)	238	67.4	(41.9)	285	43.8	(27.2)	332	72.3	(44.9)
192	66.6	(41.4)	239	66.7	(41.4)	286	44.4	(27.6)	333	72.5	(45.0)
193	66.5	(41.3)	240	65.9	(40.9)	287	45.1	(28.0)	334	72.7	(45.2)
194	66.5	(41.3)	241	64.9	(40.3)	288	46.0	(28.6)	335	73.1	(45.4)
195	66.5	(41.3)	242	63.8	(39.6)	289	47.0	(29.2)	336	73.5	(45.6)
196	66.6	(41.4)	243	62.8	(39.0)	290	47.7	(29.7)	337	73.8	(45.9)
197	67.0	(41.6)	244	61.9	(38.5)	291	48.0	(29.8)	338	74.3	(46.2)
198	67.5	(41.9)	245	61.3	(38.1)	292	48.0	(29.8)	339	75.0	(46.6)
199	68.1	(42.3)	246	60.6	(37.6)	293	48.3	(30.0)	340	75.7	(47.0)
200	68.8	(42.7)	247	59.5	(37.0)	294	49.3	(30.6)	341	76.2	(47.3)
201	69.2	(43.0)	248	58.5	(36.3)	295	50.8	(31.6)	342	76.5	(47.5)
202	69.3	(43.1)	249	57.7	(35.8)	296	52.7	(32.7)	343	76.8	(47.7)
203	69.1	(42.9)	250	57.0	(35.4)	297	54.7	(34.0)	344	76.9	(47.8)
204	68.8	(42.8)	251	56.2	(34.9)	298	56.9	(35.4)	345	77.0	(47.8)
205	68.9	(42.8)	252	55.2	(34.3)	299	58.9	(36.6)	346	77.2	(47.9)
206	69.3	(43.1)	253	54.1	(33.6)	300	60.1	(37.3)	347	77.3	(48.1)
207	69.9	(43.5)	254	53.0	(32.9)	301	60.9	(37.8)	348	77.5	(48.1)
208	70.5	(43.8)	255	52.2	(32.4)	302	61.7	(38.3)	349	77.5	(48.2)
209	70.9	(44.0)	256	51.8	(32.2)	303	62.4	(38.7)	350	77.5	(48.2)
210	71.2	(44.2)	257	51.5	(32.0)	304	63.0	(39.1)	351	77.6	(48.2)
211	71.3	(44.3)	258	51.8	(32.2)	305	63.5	(39.5)	352	77.5	(48.1)
212	71.3	(44.3)	259	52.0	(32.3)	306	64.2	(39.9)	353	77.2	(48.0)
213	71.2	(44.2)	260	51.7	(32.1)	307	65.0	(40.4)	354	76.9	(47.8)
214	70.9	(44.1)	261	51.2	(31.8)	308	65.7	(40.8)	355	76.4	(47.5)
215	70.7	(43.9)	262	50.1	(31.1)	309	66.4	(41.2)	356	76.0	(47.2)
216	70.6	(43.8)	263	48.7	(30.3)	310	66.9	(41.6)	357	75.8	(47.1)
217	70.5	(43.8)	264	48.1	(29.9)	311	67.3	(41.8)	358	75.9	(47.1)
218	70.4	(43.7)	265	47.4	(29.4)	312	67.6	(42.0)	359	76.0	(47.2)
219	70.2	(43.6)	266	46.1	(28.6)	313	67.8	(42.1)			
220	70.0	(43.5)	267	44.8	(27.8)	314	67.9	(42.2)			
221	69.7	(43.3)	268	43.4	(27.0)	315	67.9	(42.2)			
222	69.3	(43.1)	269	42.1	(26.1)	316	67.7	(42.1)			
223	68.7	(42.7)	270	40.7	(25.3)	317	67.4	(41.9)			
224	68.1	(42.3)	271	40.5	(25.1)	318	67.1	(41.7)			
225	67.6	(42.0)	272	40.5	(25.2)	319	67.0	(41.6)			
226	67.1	(41.7)	273	40.6	(25.2)	320	67.0	(41.6)			
227	66.7	(41.5)	274	40.4	(25.1)	321	67.3	(41.8)			
228	66.6	(41.4)	275	39.7	(24.7)	322	67.8	(42.1)			
229	66.4	(41.3)	276	39.2	(24.3)	323	68.4	(42.5)			
230	66.3	(41.2)	277	39.3	(24.4)	324	69.1	(42.9)			
231	66.3	(41.2)	278	39.6	(24.6)	325	69.7	(43.3)			
232	66.5	(41.3)	279	40.0	(24.9)	326	70.3	(43.7)			
233	66.9	(41.6)	280	40.8	(25.3)	327	70.7	(43.9)			
234	67.4	(41.9)	281	41.8	(26.0)	328	71.2	(44.2)			