TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 5

Footage From-	Footage To-	Sample Interval Feet	Core Assay,% Mn	Core Assay,% Fe	Combined Core and Sludge Assay, % Mn	Combined Core and Sludge Assay, % Fe	Remarks and Lithology (See Explanation, Fig. 3)
0.0	7.0						Overburden
7.0	12.0	5.0	3.72	7.00			Manganiferous
12.0	17.4	5.4	4.76	13.35			purple and
17.4	22.6	5.2	1.64	6.51			red
22.6	27.6	5.0	1.12	5.21			slate
Total		20.6	2.84	8.11			Core recovery - 93.2%
27.6	31.4	3.8	10.32	11.48			
31.4	33.0	1.6	12.72	18.72			
33.0	37.5	4.5	3.52	6.35			
37.5	39.9	2.4	11.96	21.16			Manganiferous
39.9	45.0	5.1	7.96	7.08			
45.0	50.0	5.0	12.92	21.00			purple
50.0	53.3	3.3	10.48	22.87			
53.3	57.8	4.5	8.72	17.66			and
57.8	60.3	2.5	15.72	31.42			
60.3	64.6	4.3	4.08	6.51			red
64.6	66.7	2.1	12.68	20.84			
66.7	70.8	4.1	17.20	24.50			slate
70.8	74.4	3.6	14.44	17.91			
74.4	77.9	3.5	2.36	17.91			
77.9	80.6	2.7	3.56	7.33			
80.6	84.4	3.8	9.00	19.21			
84.4	90.4	6.0	8.48	12.54			
90.4	92.5	2.1	1.32	5.54			
92.5	95.1	2.6	5.36	13.19			
95.1	96.7	1.6	4.12	21.00			
96.7	101.1	4.4	2.48	7.98			
101.1	103.7	2.6	7.48	17.42			
103.7	109.0	5.3	12.00	23.62			
109.0	114.0	5.0	7.08	23.60			Top of manganiferous banded hematite @ 105.4 ft.
Total		86.4	8.62	16.18			Core recovery - 99.3%
114.0	119.0	5.0	10.56	33.37			
119.0	124.0	5.0	16.04	25.07			Manganiferous
124.0	129.0	5.0	10.72	31.75			
129.0	134.2	5.2	11.80	29.79			Banded
134.2	135.3	1.1	1.32	7.16			
135.3	140.3	5.0	13.40	25.64			Hematite
140.3	145.3	5.0	8.84	29.96			
145.3	148.9	3.6	12.52	27.51			
148.9	150.4	1.5	1.72	7.00			
150.4	155.5	5.1	12.80	27.02			
155.5	160.5	5.0	10.08	30.93			
160.5	165.5	5.0	11.52	25.88			
165.5	170.5	5.0	8.84	26.84			
170.5	174.1	3.6	10.20	32.07			
174.1	175.4	1.3	11.80	22.63			
175.4	178.6	3.2	12.20	31.09	9.96	35.51	
178.6	181.4	2.8	6.44	30.04	6.41	38.77	
181.4	183.0	1.6	14.54	25.33			
183.0	186.5	3.5	8.92	31.02	9.09	35.45	
186.5	190.0	3.5	17.80	18.84			
Total		76.0			11.12	28.35	Core recovery - 94.1%
190.0	195.0	5.0	8.32	30.04			Bottom of manganiferous banded hematite @ 195.0 ft.
195.0	199.0	4.0	7.56	25.98			Manganiferous
199.0	204.3	5.3	2.84	11.86			interbedded
204.3	207.4	3.1	3.56	27.04			hematitic and
207.4	210.3	2.9	5.80	17.70			green
210.3	212.4	2.1	4.60	34.75			slate
212.4	217.4	5.0	6.64	28.10			
217.4	222.4	5.0	6.04	28.18			
222.4	226.8	4.4	6.72	32.80			

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 5(cont'd.)

Footage From-	Footage To-	Sample Interval Feet	Core Assay,% Mn	Core Assay,% Fe	Combined Core and Sludge Assay, % Mn	Combined Core and Sludge Assay, % Fe	Remarks and Lithology (See Explanation, Fig. 3)
226.8	231.8	5.0	4.16	14.62			
231.8	234.2	2.4	.92	4.55			
234.2	239.2	5.0	6.80	29.23			
239.2	244.2	5.0	9.92	22.82			
244.2	249.2	5.0	6.96	30.86			
249.2	253.7	4.5	6.88	28.26			
253.7	258.4	4.7	6.84	28.91			Top of green slate @ 258.4 ft.
Total		68.4	6.17	25.04			Core recovery - 96.3%
258.4	263.0	4.6	2.36	10.07			
263.0	268.0	5.0	.40	6.50			Green slate
268.0	274.5	6.5	.56	5.44			
Total		16.1	1.02	7.09			Core recovery - 83.9%
Total Core Sampled		267.5					Core recovery - 95.7%

Diamond Drill Hole 6

Footage From-	Footage To-	Sample Interval Feet	Core Assay,% Mn	Core Assay,% Fe	Combined Core and Sludge Assay, % Mn	Combined Core and Sludge Assay, % Fe	Remarks and Lithology (See Explanation, Fig. 3)
0.0	5.5						Overburden
5.5	10.0	4.5	5.46	18.99			
10.0	14.2	4.2	3.92	13.25			
14.2	19.2	5.0	1.72	7.88			Manganiferous
19.2	20.3	1.1	2.72	4.34			
20.3	25.3	5.0	.68	23.97			purple
25.3	30.3	5.0	.96	2.98			
30.3	35.3	5.0	.80	4.02			and
35.3	40.3	5.0	.60	2.25			
40.3	42.3	2.0	.60	2.73			red
42.3	43.2	.9	.52	2.73			
43.2	44.7	1.5	.72	27.67			slate
44.7	46.5	1.8	.80	7.56			
46.5	50.0	3.5	3.60	19.95			
50.0	58.0	8.0	7.20	4.74	6.57	9.78	
58.0	62.5	4.5	3.68	5.55			
62.5	66.5	4.0	1.72	6.76			
Total		61.0			2.63	10.07	Core recovery 94.1%
66.5	69.2	2.7	5.36	15.12			
69.2	72.3	3.1	3.16	1.04			Manganiferous
72.3	76.4	4.1	13.08	15.85			
76.4	80.4	4.0	4.36	6.44			purple
80.4	85.4	5.0	9.68	16.49			
85.4	90.0	4.6	6.80	7.56			and
90.0	95.0	5.0	12.72	18.90			
95.0	99.0	4.0	7.20	4.34			red
99.0	100.6	1.6	4.88	5.49			
100.6	103.2	2.6	9.28	11.14			slate
103.2	107.9	4.7	8.00	33.85			