TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 8

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	7.3						Overburden
7.3	11.0	3.7	1.00	5.76			Manganiferous purple and red slate
11.0	13.8	2.8	14.87	13.75			
13.8	18.4	4.6	3.24	7.20			
18.4	21.8	3.4	11.63	12.16			Manganiferous
21.8	24.4	2.6	5.91	6.56			
24.4	29.4	5.0	5.43	15.43			Purple
29.4	32.8	3.4	8.08	15.42			
32.8	37.7	4.9	12.91	15.52			and
37.7	40.8	3.1	3.00	14.72			
40.8	44.4	3.6	2.08	8.64			red slate
44.4	48.6	4.2	9.03	18.40			
48.6	52.3	3.7	7.47	12.32			
52.3	56.7	4.4	9.71	13.43	8.84	16.15	Top of manganiferous banded hematite @ 56.7 ft.
56.7	62.5	5.8	10.08	24.87			
62.5	70.2	7.7	10.47	23.28			
70.2	74.6	4.4	7.40	21.76			
Total		63.6			8.21	16.13	Core recovery - 97.0%
74.6	79.5	4.9	15.63	24.16			Manganiferous
79.5	82.4	2.9	8.52	31.20			Banded
82.4	85.5	3.1	15.16	21.28			Hematite
85.5	89.0	3.5	14.35	24.32			
Total		14.4	13.79	25.00			Core recovery - 100.0%
89.0	94.0	5.0	8.84	24.48			
94.0	99.1	5.1	8.43	28.80			
99.1	102.9	3.8	17.39	24.80			
102.9	107.3	4.4	7.35	30.08			Bottom of manganiferous banded hematite @ 120 ft.
107.3	112.6	5.3	14.39	16.24			
112.6	117.9	5.3	10.40	27.43			Manganiferous
117.9	120.0	2.1	8.80	16.16			
120.0	125.0	5.0	4.00	14.40			interbedded
125.0	130.0	5.0	4.63	15.36			
130.0	134.5	4.5	7.00	16.00			hematitic
134.5	139.5	5.0	4.43	27.36			
139.5	143.4	3.9	5.71	28.08			and
143.4	149.0	5.6	8.20	24.24			
149.0	152.5	3.5	2.40	13.44			green
152.5	157.2	4.7	1.60	5.52			
157.2	162.0	4.8	1.61	6.40			slate
Total		73.0	7.18	20.11			Core recovery - 98.4%
162.0	166.7	4.7	14.07	20.32			Manganiferous
166.7	172.8	6.1	9.20	14.72			interbedded
172.8	178.4	5.6	9.75	28.77	9.43	26.83	hematitic
178.4	181.0	2.6	14.83	11.52			and
181.0	187.7	6.7	17.84	14.24	16.23	17.11	green slate
Total		25.7			12.54	18.68	Core recovery - 83.3%
187.7	192.0	4.3	7.95	25.92			Manganiferous
192.0	197.2	5.2	5.80	33.20			interbedded
197.2	202.2	5.0	5.43	16.00			hematitic
202.2	207.4	5.2	7.08	20.00			and
207.4	212.7	5.3	4.87	23.84			green
212.7	217.7	5.0	2.43	12.40			slate

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 8 (cont'd.)

Footage From-	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)
212.7	217.7	5.0	2.43	12.40			
217.7	223.0	5.3	4.55	12.08			
223.0	228.0	5.0	11.23	22.88			
228.0	233.0	5.0	7.11	16.40			
233.0	239.3	6.3	5.67	17.60			
239.3	245.7	6.4	12.00	19.52			
245.7	253.3	7.6	10.08	25.04	9.75	24.72	
253.3	257.6	4.3	7.95	26.88			
257.6	263.1	5.5	7.40	28.64			Top of green slate @ 263.1 ft.
263.1	269.6	6.5	10.71	13.43			
Total		81.9			7.49	20.82	Core recovery - 93.7%
269.6	291.0						Green slate
Total Core Sampled		262.3					Core recovery - 95.2%

Diamond Drill Hole 9

Footage From-	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	7.5						Overburden
7.5	10.0	2.5	0.80	4.96			
10.0	20.0	10.0	1.24	5.36			Manganiferous
20.0	30.0	10.0	2.43	8.64			purple
30.0	40.0	10.0	.48	4.72			and
40.0	50.0	10.0	.64	5.36			red
50.0	60.0	10.0	.83	5.20			slate
60.0	70.0	10.0	.92	6.72			
70.0	80.0	10.0	3.20	7.12			
Total		72.5	1.37	6.12			Core recovery - 97.7%
80.0	90.0	10.0	8.51	10.72			
90.0	100.0	10.0	9.35	14.56			Manganiferous
100.0	108.0	8.0	6.80	8.80			
108.0	110.0	2.0	5.75	10.72			purple
110.0	114.2	4.2	15.16	14.64			
114.2	120.0	5.8	8.36	13.60			and
120.0	130.0	10.0	9.51	23.52			
130.0	140.0	10.0	9.72	19.04			green
140.0	145.2	5.2	2.80	11.04			
145.2	150.0	4.8	3.28	13.92			slate
150.0	160.0	10.0	9.43	13.12			
160.0	170.3	10.3	2.51	8.32			Top of manganiferous banded hematite @ 170.3 ft.
Total		90.3	7.75	13.86			Core recovery - 99.9%
170.3	180.0	9.7	11.15	19.36			Manganiferous
180.0	190.0	10.0	12.56	30.24			banded
190.0	200.0	10.0	10.16	23.36			hematite
200.0	210.0	10.0	11.27	27.68			
210.0	217.0	7.0	12.47	20.00			Bottom of manganiferous banded hematite @ 217 ft.
Total		46.7	11.46	24.42			Core recovery - 99.6%