TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 14 (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)
182.2	186.0	3.2	7.00	17.43			
186.0	188.8	2.8	9.00	32.96	9.94	29.81	Bottom of manganiferous banded hematite @ 188.8 ft.
188.8	193.0	4.2	7.52	20.32			Manganiferous
193.0	194.4	1.4	7.76	27.52			
194.4	199.4	5.0	2.60	13.12			interbedded
199.4	204.4	5.0	4.44	17.12			
204.4	206.9	2.5	5.48	21.43			hematitic
206.9	210.8	3.9	5.36	28.24			
210.8	214.0	3.2	6.08	26.56			and
214.0	218.3	4.3	5.88	31.20			
218.3	220.2	1.9	6.88	30.96			green
220.2	224.9	4.7	3.72	16.40			
224.9	231.1	6.2	3.88	13.43			slate
231.1	234.2	3.1	7.24	28.32	7.94	27.81	
234.2	236.4	2.2	9.00	15.43			
236.4	239.7	3.3	11.20	23.04	11.14	19.52	
239.7	245.8	6.1	8.84	26.24			
245.8	249.8	4.0	7.04	28.40	7.71	27.93	
249.8	254.5	4.7	7.60	24.16			
254.5	257.7	3.2	8.48	29.43			
257.7	262.7	5.0	5.00	16.40			Top of green slate @ 257.7 ft.
Total		79.9			6.45	22.06	Core recovery - 94.2%
262.7	267.0	4.3	3.84	16.32			
267.0	270.0	3.0	2.60	9.43			Green slate
Total		7.3	3.33	13.49			Core recovery - 100.0%
Total Core Sampled		265.0					Core recovery - 91.7%

Diamond Drill Hole 15

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	3.6						Overburden
3.6	7.2	3.6	3.12	8.87			
7.2	10.2	3.0	3.95	11.13			
10.2	13.0	2.8	13.07	16.69			Manganiferous
13.0	16.2	3.2	3.68	5.89			
16.2	20.5	4.3	2.71	3.39			purple
20.5	22.8	2.3	8.15	11.61			
22.8	25.5	2.7	1.08	11.45			and
25.5	29.5	4.0	1.68	5.32			
29.5	33.8	4.3	2.27	5.31			red
33.8	35.5	1.7	4.67	25.32			
35.5	40.5	5.0	2.72	21.37			slate
40.5	45.5	5.0	2.91	9.03			
Total		41.9	3.75	10.55			Core recovery - 89.5%
45.5	50.0	4.5	9.40	30.16			Manganiferous
50.0	55.0	5.0	9.39	9.35			
55.0	60.2	5.2	11.68	18.30			purple and
60.2	70.0	9.8	11.16	20.97	12.21	19.21	
70.0	75.0	5.0	.20	2.66			red slate
75.0	78.2	3.2	2.67	12.74			Top of manganiferous banded hematite @ 77.1 ft.
78.2	81.6	3.4	16.48	23.06			
81.6	86.0	4.4	7.40	36.29			
Total		40.5			9.08	18.72	Core recovery - 86.9%
86.0	91.0	5.0	11.59	32.90			Manganiferous
91.0	94.7	3.7	16.03	15.16			banded
94.7	98.2	3.5	18.60	29.19			hematite

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 15 (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)
98.2	102.2	4.0	11.87	26.94			
102.2	106.9	4.7	10.43	22.74			
106.9	110.5	3.6	11.08	36.13			
110.5	114.8	4.3	14.47	18.55			
114.8	120.0	5.2	13.71	26.29			
120.0	122.0	2.0	7.20	18.71			
122.0	127.7	5.7	14.03	27.10	14.16	26.71	
127.7	132.7	5.0	8.71	28.87			
132.7	137.8	5.1	12.16	31.29			
137.8	142.0	4.2	11.68	28.39			
142.0	147.2	5.2	17.28	20.97	12.10	27.67	
147.2	151.4	4.2	11.03	31.94	9.65	25.68	
Total		65.4			12.32	26.74	Core recovery - 87.8%
151.4	156.5	5.1	7.67	28.39			
156.5	158.8	2.3	3.40	31.13	5.47	31.83	
158.8	161.2	2.4	5.47	14.92			Bottom of manganiferous banded hematite @ 200.3 ft.
161.2	166.0	4.8	10.28	28.71	11.54	25.64	
166.0	169.2	3.2	4.23	32.90	4.70	30.20	
169.2	171.2	2.0	8.28	37.34			
171.2	174.3	3.1	12.87	21.61			
174.3	177.7	3.4	19.28	22.50			
177.7	181.6	3.9	12.36	32.90			Manganiferous interbedded hematitic and green slate
181.6	182.5	.9	6.00	23.79			
182.5	186.8	4.3	5.67	34.03			
186.8	189.8	3.0	14.83	24.84			
189.8	192.0	2.2	7.08	36.21			
192.0	196.3	4.3	17.95	16.57			
196.3	200.3	4.0	9.87	32.50			
200.3	205.3	5.0	5.92	25.74			
205.3	206.7	1.4	9.43	10.94			
206.7	210.4	3.7	4.15	21.80			
210.4	213.2	2.8	2.08	9.01			
213.2	215.7	2.5	4.80	17.54			
215.7	218.3	2.6	6.23	28.64			
218.3	221.0	2.7	6.01	30.65			
221.0	226.8	5.8	5.40	22.69			
226.8	232.8	6.0	6.60	24.46			
232.8	237.0	4.2	2.59	6.76			
237.0	238.9	1.9	1.61	7.88			
238.9	239.5	.6	3.27	34.27			
239.5	241.0	1.5	1.52	5.95			
241.0	245.5	4.5	9.87	26.23			
245.5	250.3	4.8	9.51	21.96			
250.3	255.3	5.0	10.51	21.80			
255.3	261.0	5.7	9.20	23.01			
261.0	266.0	5.0	6.87	15.61			Top of green slate @ 261.0 ft.
266.0	270.0	4.0	7.60	17.38			
270.0	274.7	4.7	7.43	22.85			
274.7	279.0	4.3	7.80	23.57			
Total		127.6			8.13	23.24	Core recovery - 95.1%
Total Core Sampled		275.4					Core recovery - 91.3%