TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 12

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	7.5						Overburden
7.5	10.0	2.5	0.78	6.69			
10.0	20.0	10.0	.43	8.87			Manganiferous
20.0	30.0	10.0	.84	6.93			purple
30.0	40.0	10.0	.44	5.81			and
40.0	50.0	10.0	.32	4.19			red
50.0	60.0	10.0	.24	5.48			slate
60.0	70.0	10.0	.45	5.56			
Total		62.5	0.47	6.16			Core recovery - 98.4%
70.0	80.0	10.0	6.39	12.90			Manganiferous
80.0	89.9	9.9	3.24	6.93			
89.9	98.6	8.7	4.63	24.35	6.47	22.59	purple
98.6	110.0	11.4	7.25	17.26			
110.0	120.0	10.0	10.80	21.77	8.89	20.46	and
120.0	128.3	8.3	2.79	17.10			
128.3	137.7	9.4	8.16	13.39	6.35	15.21	red slate
137.7	150.0	12.3	6.20	14.84			Top of manganiferous banded hematite @ 150 ft.
Total		80.0			6.04	15.79	Core recovery - 84.9%
150.0	160.0	10.0	10.28	25.81			
160.0	170.0	10.0	13.03	30.80			Manganiferous
170.0	176.1	6.1	10.08	31.45			
176.1	185.1	9.0	11.75	23.39	10.79	28.99	banded
185.1	190.0	4.9	9.39	31.29			
190.0	200.0	10.0	11.63	22.42			hematite
200.0	210.0	10.0	7.20	27.41			
210.0	218.1	8.1	13.83	21.61			
218.1	223.1	5.0	17.35	10.48	15.79	18.81	
Total		73.1			11.18	26.53	Core recovery - 86.7%
223.1	229.3	6.2	7.67	24.76			Bottom of manganiferous banded hematite @ 229.3 ft.
229.3	240.0	10.7	3.47	13.39			Manganiferous
240.0	250.0	10.0	5.67	27.66			interbedded
250.0	256.8	6.8	2.20	10.81			hematitic
256.8	263.2	6.4	7.83	15.00	6.38	20.55	and
263.2	270.0	6.8	10.79	15.97			green
270.0	284.0	14.0	7.08	15.81			slate
284.0	290.0	6.0	7.91	18.39			Top of green slate @ 284.0 ft.
Total		66.9			6.36	18.29	Core recovery - 93.6%
290.0	300.0	10.0	1.48	7.74			Core recovery - 99.0% Green slate
300.0	310.0						Green slate
Total Core Sampled		292.5					Core recovery - 90.7%