TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 19

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	8.0						Overburden
8.0	60.0						Gray - green slate
60.0	65.0	5.0	0.88	4.80			Gray - green slate Core recovery - 100.0%
65.0	70.0	5.0	2.64	8.48			Bottom of gray - green slate @ 65.0 ft.
70.0	80.0	10.0	1.44	6.88			
80.0	90.0	10.0	3.00	8.56			Manganiferous
90.0	100.0	10.0	3.84	8.00			purple and
100.0	110.0	10.0	4.64	10.40			red slate (partially recrystallized)
110.0	113.5	3.5	4.40	13.28			
113.5	118.6	5.1	4.48	11.20			
Total		53.6	3.37	9.04			Core recovery - 99.4%
118.6	131.6	13.0	8.88	12.13	8.11	13.95	
131.6	140.0	8.4	2.20	7.82			
140.0	150.0	10.0	6.16	21.63			
150.0	152.0	2.0	5.72	15.16			
152.0	160.0	8.0	10.08	29.53			Top of manganiferous banded hematite @ 152.0 ft.
160.0	170.0	10.0	8.08	23.62			
170.0	180.0	10.0	9.04	22.66			Manganiferous banded hematite (partially recrystallized)
180.0	190.0	10.0	9.00	27.29			
190.0	195.5	5.5	12.04	18.67			
195.5	200.0	4.5	5.60	16.36			Bottom of magnaniferous banded hematite @ 195.5 ft.
Total		81.4			7.74	20.17	Core recovery - 94.3%
200.0	210.0	10.0	3.20	12.13			Manganiferous
210.0	214.9	4.9	4.84	22.26			interbedded hematitic and
214.9	220.0	5.1	3.68	11.89			green slate (partially recrystallized)
220.0	230.0	10.0	3.36	15.80	3.96	17.80	Top of green slate @ 214.9 ft.
Total		30.0			3.80	15.63	Core recovery - 91.7%
230.0	275.0						Green slate
Total Core Sampled		170.0					Core recovery - 95.6%